ACCT 090
Introduction to Accounting

3 Credits/Advisory: READ 023 or appropriate assessment; MATH 030 or MATH 030D or appropriate assessment; MGMT 052
This course provides basic knowledge of accounting terms, concepts, and procedures for a sole proprietorship form of business. Topics include the analysis and recording of business transactions for service and merchandising firms, and the preparation of simple financial statements. Accounting for cash, sales, purchases, payroll, and the end-of-the-year procedures is presented. This course is designed for the occupationally-oriented students or those preparing for Financial Accounting and Computerized Accounting.

70975 CLAS 8/24/13 - 12/14/13 MW 1115 - 1240 To Be Assigned B119
71221 CLAS 8/24/13 - 12/14/13 TR 1115 - 1240 Michelle Redinger L505
72243 CLAS 8/24/13 - 12/14/13 T 1800 - 2110 To Be Assigned B119

ACCT 096
Volunteer Income Tax Assistance Program I

1 Credits/Advisory: READ 023 or appropriate assessment; ACCT 105
This is the first course in a sequence of two courses designed for students who want to be a part of the Volunteer Income Tax Assistance (VITA) program at Rio Hondo. This course will cover Federal and California tax theories and laws appropriate for the current tax year, and students will apply their knowledge by taking the IRS exams for VITA volunteers. Upon successful completion of the IRS VITA Basic and Intermediate exams, the students will be able to assist low income individuals and families with tax return preparation through the VITA program for the current year.

72860 CLAS 11/15/13 - 12/13/13 F 0900 - 1300 Jeannie Liu B113

ACCT 101
Financial Accounting

4 Credits/Advisory: READ 023 or appropriate assessment; MATH 030 or appropriate assessment; ACCT 090; MGMT 052
Transfers to: UC, CSU
This course is an introduction to the theory, principles and practice of accounting and financial reporting of corporations. Topics include analysis and recording of financial transactions, preparation, analysis and interpretation of financial statements and accounting for assets, liabilities and equities. Computer applications are integrated into the homework. This course is required of all accounting and business administration majors.

70998 CLAS 8/24/13 - 12/14/13 TR 1115 - 1320 To Be Assigned B118
71216 CLAS 8/24/13 - 12/14/13 T 1800 - 2215 To Be Assigned L505
71259 CLAS 8/24/13 - 12/14/13 M 1330 - 1535 Jeannie Liu B119
71278 CLAS 8/24/13 - 12/14/13 MW 0900 - 1105 Steven Valdes B118
71279 CLAS 8/24/13 - 12/14/13 TR 0900 - 1105 Jeannie Liu B118

ACCT 102
Managerial Accounting

4 Credits/Prerequisite: ACCT 101 with a grade of "C" or better
Advisory: READ 023 or appropriate assessment
Transfers to: UC, CSU
This course introduces students to the fundamentals of managerial accounting for decision making. Topics include manufacturing cost accounting, cost allocation, cost-
volume-profit analysis, absorption and variable costing, differential analysis for decision making, capital investment analysis, budgeting, standard costing, responsibility accounting centers, capital investment analysis, activity-costing, just-in-time environment and financial statement analysis. Computer applications are integrated into the homework. This course is required of all accounting and business administration majors.

ACCT 103
Payroll Accounting

3 Credits/Advisory: READ 023 or appropriate assessment; ACCT 090 or 101 Transfers to: CSU

This course combines basic accounting skills with specialized training in payroll accounting to prepare students for entry-level positions within the payroll segment of accounting. This course is designed for accounting majors and those interested in pursuing an entry-level positions within the payroll segment of accounting. This course is a comprehensive overview of federal and state payroll laws and their effect on payroll records and required government reports.

ACCT 104
Introduction to Governmental and Not-For-Profit Accounting

3 Credits/Prerequisite: ACCT 101 Transfers to: CSU

This course provides basic knowledge on accounting concepts and terms applied to state and local governmental entities and not-for-profit entities. Topics include analysis of budgets, tax levies, revenues, appropriations, expenditures, encumbrances, various funds, and financial statements for governmental entities. Additional topics include analysis of various net asset classifications and financial statements for not-for-profit entities. This course is intended to assist students furthering their educational requirements for the CPA exam and to be qualified for governmental and not-for-profit entry level jobs.

ACCT 105
Income Tax Accounting

4 Credits/Advisory: READ 023 or appropriate assessment; ACCT 101 Transfers to: CSU

Federal and California State income tax laws and preparation as related to individuals and small business entities. Emphasis is placed upon income inclusion, exclusion, exemptions, capital gains and losses, and business and individual deductions. Students who successfully complete the course will be certified by the California Tax Education Council as fulfilling the 60-hour qualifying education requirement (45 federal hours and 15 California hours) imposed by the State of California for becoming a Registered Tax Preparer.

ACCT 106
Computerized Accounting

3 Credits (Formerly ACCT 094)/Advisory: READ 023 or appropriate assessment; MATH 030 or appropriate assessment; ACCT 090; ACCT 101 Transfers to: CSU

This course is designed to provide students with a sound basic knowledge of how computerized integrated accounting systems function. Students will be
processing accounting data using receivables, payables, inventory, payroll and project modules. This course is designed for accounting majors, those interested in starting a small business, and those interested in pursuing entry-level positions in the field of accounting.<br>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Corequisite</th>
<th>Transfer to</th>
<th>Notes</th>
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<tr>
<td>ACCT 290</td>
<td>Cooperative Work Experience/Internship for Accounting Related fields</td>
<td>1</td>
<td>ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment</td>
<td></td>
<td>CSU</td>
<td>This course supports and reinforces on-the-job training in business and industrial establishments under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is related to the field of Accounting and have completed or enrolled in the appropriate coursework. &quot;Contact the CWE office regarding re-enrollment procedures&quot;. Student Unpaid Internship: 1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours. Student Paid Internship: 1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.</td>
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<tr>
<td>ADN 150</td>
<td>Medical/Surgical Nursing I</td>
<td>8</td>
<td>BIOL 222, ENGL 101, and ADN 151 with a grade of &quot;C&quot; or better</td>
<td></td>
<td>CSU</td>
<td>This course focuses on the application of the nursing process in caring for patients with disturbances in the digestive and renal systems, fluid and electrolyte status and acid/base balance, endocrine, cardiovascular and respiratory systems. The pathophysiology of disease processes, as well as medical and nursing interventions, is discussed. The students will apply the theoretical concepts in the clinical setting. This course is designed for students in the Associate degree Nursing Program.</td>
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<th>Course Code</th>
<th>Description</th>
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<th>Corequisite</th>
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ADN 154

Pharmacology

2 Credits/(Formerly ADN 120A & ADN 120B)/p><b>Prerequisite:</b> ADN 151 with a grade of "C" or better/br><b>Corequisite:</b> ADN 150<br><b>Advisory:</b> READ 023 or appropriate assessment<br><b>Transfers to:</b>: CSU This is an introduction pharmacology course that focuses on the study of drugs most frequently prescribed. The course emphasis is on basic techniques and computations used in the administration of medications as well as the special nursing considerations that pertain to the safe administration of medication. Completion of this course allows the Associate Degree Nursing student to safely administer medication to patients under the supervision of the nursing instructor.<br>

ADN 250

Advanced Pharmacology
CLASS SCHEDULE
Fall 2013

1 Credits<br>Prerequisite: ADN 155 and ADN 156 (for generic ADN students) with a grade "C" or better; ADN 075 (for LVN to ADN students) with a grade "C" or better<br>Advisory: ENGL 101; READ 023 or appropriate assessment; MATH 070 or MATH 070D or MATH 073 or appropriate assessment<br>Transfers to: CSU

This is an advanced pharmacology course that focuses on the skills and study of medications used for neurological, psychiatric, and medical-surgical concepts. The course emphasis is on advanced techniques and computations used in the administration of medications utilizing the nursing process and the Systems Developmental Stress Model, as well as the special nursing considerations that pertain to the safe administration of medication. Study of this course allows the Associate Degree Nursing student to continue to safely administer medications to patients.<br>

70942 CLAS 8/24/13 - 10/18/13 T 1645 - 1850 Suzanne Tang S202
70943 CLAS 10/19/13 - 12/14/13 T 1000 - 1050 Suzanne Tang S210
10/19/13 - 12/14/13 T 1051 - 1205 Suzanne Tang S210

ADN 251

Nursing Process Applied to Aging, Perception, Coordination and Mobility

0 Credits<br>(Formerly ADN 202)<br>Prerequisite: ADN 155 and ADN 156 (for generic ADN students) with minimum grade of "C" or better; ADN 075 (for LVN to ADN students) with a grade of "C" or better<br>Corequisite: ADN 252 (students who have an active psychiatric technician license are exempt from this corequisite) and ADN 250<br>Transfers to: CSU

This course focuses on the aging process as it relates to normal aging, changing biological, interpersonal and intrapersonal needs. It also focuses on the application of the nursing process in caring for patients with disturbances in perception, coordination and mobility. The pathophysiology of disease processes, as well as medical and nursing interventions and rehabilitative approaches to restoring and maintaining optimum health are discussed. The students will apply the theoretical concepts in the clinical setting. This course is designed for students in the Associate Degree Nursing Program.<br>

73220 CLAS 8/24/13 - 10/18/13 T 0800 - 1215 Catherine Page S210
73221 LAB 8/24/13 - 10/18/13 RF 0700 - 1515 Raymond Nunez Arcadia Methodist Hospital
73222 LAB 8/24/13 - 10/18/13 WR 0700 - 1515 Katherin Brandt Presbyterian Intercom Hospital
73223 LAB 8/24/13 - 10/18/13 RF 0700 - 1515 Catherine Page Downey Regional Medical Center
73224 LAB 8/24/13 - 10/18/13 RF 0700 - 1515 Victoria Rodriguez Beverly Hospital
73225 CLAS 10/19/13 - 12/14/13 T 1430 - 1845 Catherine Page S210
73226 LAB 10/19/13 - 12/14/13 WR 0700 - 1515 Katherin Brandt Presbyterian Intercom Hospital
73227 LAB 10/19/13 - 12/14/13 RF 0700 - 1515 Bernard Musselman Beverly Hospital
73228 LAB 10/19/13 - 12/14/13 RF 0700 - 1515 Catherine Page Downey Regional Medical Center
73231 LAB 10/19/13 - 12/14/13 RF 0700 - 1515 Barbara Leach Kaiser Permanente Downey
73232 LAB 10/19/13 - 12/14/13 RF 1430 - 2245 Linda Morales Whittier Hospital Medical Ctr

ADN 252

Psychiatric/Mental Health Nursing

0 Credits<br>(Formerly ADN 201)<br>Prerequisite: ADN 155 and ADN 156 (for generic ADN students) with a grade of "C" or better; ADN 075 (for LVN to ADN students) with a grade of "C" or better<br>Corequisite: ADN 251 (students who have an active psychiatric technician license are exempt from this course) and ADN 250<br>Transfers to: CSU

This course focuses on application of the nursing process as a problem solving approach to assessment, problem identification and intervention for patients with psychiatric and mental health problems. Basic concepts related to biological, intrapersonal and interpersonal factors in
mental health and mental illness are discussed. This course is designed for students in the Associate Degree Nursing Program.<br>

73233 CLAS 10/19/13 - 12/14/13 M 0800 - 1215 Katherin Brandt L408
10/19/13 - 12/14/13 M 0800 - 1215 Shelly Ferrari L408
73234 CLAS 8/24/13 - 10/18/13 M 0800 - 1215 Katherin Brandt L408
8/24/13 - 10/18/13 M 0800 - 1215 Shelly Ferrari L408
73235 LAB 8/24/13 - 10/18/13 R 0700 - 1700 Shelly Ferrari College Hospital
73236 LAB 8/24/13 - 10/18/13 F 0700 - 1700 Katherin Brandt College Hospital
73237 LAB 8/24/13 - 10/18/13 W 0700 - 1700 Shelly Ferrari College Hospital
73238 LAB 8/24/13 - 10/18/13 F 1330 - 2330 Joanne Haskins College Hospital
73239 LAB 8/24/13 - 10/18/13 U 0700 - 1700 Jorge Trujillo College Hospital
73240 LAB 10/19/13 - 12/14/13 W 0700 - 1700 Shelly Ferrari College Hospital
73242 LAB 10/19/13 - 12/14/13 R 0700 - 1700 Shelly Ferrari College Hospital
73243 LAB 10/19/13 - 12/14/13 U 0700 - 1700 Jorge Trujillo College Hospital

AET 070

Introduction to Alternative Energy Technology (Same as ET 070)

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment<br>This course is an introductory course that will examine the theory behind present day energy systems which will include an in-depth analysis of the design and installation of alternate energy systems. Topics will include: solar electrical systems, wind electrical systems, solar water heating systems, wind mechanical systems, small hydro-electrical systems, and conservation methods used to save energy. Also presented are topics on geothermal energy, fuel cells, biomass systems, and applications of alternate energy in transportation, industrial, commercial, and residential systems. Students will collect solar data using an irradiance meter and determine power consumption of a typical residence to develop an alternative energy solution. This course is intended for students that are contemplating a career in the alternative energy industry.<br>

70539 CLAS 8/24/13 - 12/14/13 M 1200 - 1430 David Lindy T101
LAB 8/24/13 - 12/14/13 M 1435 - 1600 David Lindy T101

AET 072

Photovoltaic Systems Design and Installation (Same as ET 072)

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment<br>This is an introductory course that will examine and implement the design and installation of solar photovoltaic power systems which will include the installation of a working solar photovoltaic power system. Students will learn how to perform solar site evaluations, electrical load calculations, solar system size calculations, and installation techniques for grid-tie and off-the-grid photovoltaic systems. This course is approved by the North American Board of Certified Energy Practitioners (NABCEP) and the students can take the optional Photovoltaic Systems Entry Level Certification exam as part of the course. This course is intended for students that are contemplating a career in the solar photovoltaic energy industry.<br>

70544 CLAS 8/24/13 - 12/14/13 T 0800 - 1030 David Lindy T101
LAB 8/24/13 - 12/14/13 T 1035 - 1200 David Lindy T101

AET 074
Advanced Photovoltaic Systems Design and Installation (Same as ET 074)

3 Credits<br>Prerequisite: AET/ET 072<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment<br>This is the second course in the photovoltaic series that will further examine and implement the design and installation of solar photovoltaic power systems. Students will learn how to interpret the National Electrical Code (NEC) specifics concerning photovoltaic installations. The topics include code compliant wiring of modules, inverters, charge controllers, batteries, grounding techniques and related topics. Additional topics include the design and installation of large commercial photovoltaic systems. This course is intended for students that are interested in a career in the solar photovoltaic energy industry.<br>

72278 CLAS 8/24/13 - 12/14/13 W 0800 - 1030 David Lindy T101
LAB 8/24/13 - 12/14/13 W 1035 - 1200 David Lindy T101

AET 076

Wind Energy Systems Design and Installation (Same as ET 076)

3 Credits<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment<br>This is an introductory course that will examine and implement the design and installation of wind power systems which will include the installation of a working wind generation power system. Students will learn how to perform wind site evaluations, electrical load calculations, wind system size calculations, hydraulics fundamentals, basic aerodynamics, and installation techniques for wind power generation systems. Students will learn how to design and install wind power generation system and obtain skills for employment. This course is intended for students that are contemplating a career in the wind turbine power generation industry.<br>

70540 CLAS 8/24/13 - 12/14/13 R 0800 - 1030 David Lindy T101
LAB 8/24/13 - 12/14/13 R 1035 - 1200 David Lindy T101

AET 181

Home Energy Management and Auditing (Same as ET 181)

3 Credits<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or appropriate assessment<br>Transfers to: CSU<br>This course is designed to provide individuals, who are working in or seeking employment in the green energy field, with an overview of home energy management and auditing. Specifically, this course will assist students in their preparation of a comprehensive home energy audit and energy management program. Emphasis is placed on the following topics: Appliances, Insulation, Designing/Remodeling, Electricity, Landscaping, Lighting, Space Heating and Cooling, Water Heating, Doors/Windows/Skylights, and Home Energy Audits.<br>

70543 CLAS 8/24/13 - 12/14/13 W 1800 - 2110 David Lindy T101

AJ 041

Effective Written Communications for Public Service Personnel

3 Credits<br>(Formerly AJ 013)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101<br>This course is designed to provide Administration of Justice or other interested students with intensive training in communication of facts and information of ideas in simple, clear, logical English. An emphasis will be placed on spelling, correct usage of words, sentence structure, critical reading and discussion, creative thinking, techniques of observation, and other skills that lead to good writing. Topics include organization of ideas and are combined with an abundant practice in the writing of effective reports, bulletins, memos,
letters, and other short papers.<br>

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<thead>
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<th>Course Code</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<td>David Balch</td>
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<td>70386</td>
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<td>73257</td>
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<td>8/24-13 - 12/14/13</td>
<td>Richard Ramirez</td>
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**AJ 101**

**Introduction to Administration of Justice**

3 Credits/(Formerly AJ 001)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course provides an introduction to various elements of crime and the criminal justice system, including the history and philosophy of the Administration of Justice in America. Topics addressed include the development of the criminal justice system, identification of the various subsystems, role expectations, and their interrelationships. Also considered are the theories of crime, punishment, adjudication, and rehabilitation and training for professionalism in the entire system. This course is designed for those intending to pursue a career in the criminal justice system.<br>

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<tr>
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<th>Days</th>
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<td>Melissa Cunningham</td>
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<td>71609</td>
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<td>8/24-13 - 12/14/13</td>
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**AJ 102**

**Criminal Procedures**

3 Credits/(Formerly AJ 002)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course is designed to provide Administration of Justice or other interested students with an in-depth study of the legal responsibilities of law enforcement. An emphasis will be placed on the judicial segment of the administration of justice system. Topics include laws of arrest, custody, past, present, and future analysis of the procedures for each subsystem within the administration of justice system from initial entry to final disposition. The relationship each segment maintains with system members will also be covered.<br>

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<td>Carley Mitchell</td>
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**AJ 104**

**Legal Aspects of Evidence**

3 Credits/(Formerly AJ 004)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101<br>Transfers to: CSU<br>This course is designed to provide Administration of Justice or other interested students with an in-depth study of evidence rules. An emphasis will be
placed on the application of rules in preparing and presenting evidence. The course will discuss the history and approach to the study of evidence. Topics include proof by evidence and substitutes, general admissibility tests, evidence by way of witness testimony, documents, real evidence, and exclusion of evidence on constitutional grounds. For a better understanding of the evidence rules, judicial decisions are cited and students will be required to brief cases.<br>

70399  CLAS  8/24/13 - 12/14/13  MW  0940 - 1105  Robert Feliciano  AJ323
70400  CLAS  8/24/13 - 12/14/13  TR  0940 - 1105  Robert Feliciano  AJ323
70401  VC  8/24/13 - 12/14/13  Robert Feliciano
70402  VC  10/19/13 - 12/14/13  Robert Feliciano

AJ 105

Community Relations/Multicultural Issues Within Public Service

3 Credits/(Formerly AJ 005)<p>Advisory:</p> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101<p>Transfers to:</p> UC, CSU<p>This course is designed to provide Administration of Justice or other interested students with an in-depth understanding of the relationship between community welfare and law enforcement. An emphasis will be placed on the role of modern police in a metropolitan community.<br>

70404  CLAS  8/24/13 - 12/14/13  TR  0940 - 1105  James Newman  AJ322
70405  VC  8/24/13 - 12/14/13  Barry Dineen
70406  VC  10/19/13 - 12/14/13  Dan Petropulos
73269  CLAS  8/24/13 - 12/14/13  T  1800 - 2110  David Brougham  SW000

AJ 106

Criminal Law I

3 Credits/<p>Prerequisite:</p> AJ 101 with a grade of "C" or better, or completion of PAC 040 or equivalent<p>Advisory:</p> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<p>Transfers to:</p> UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: AJ 106 or AJ 107)<p>This course is designed to provide Administration of Justice or other interested students with an in-depth study of the legal processes from pre-arrest through trial. Topics include sentencing procedures, a review of the history of case and common law, and conceptual interpretations of law as reflected in court decisions. An emphasis will be placed on cased law methodology and case research as the decisions impact upon the procedures of the justice system.<br>

70409  VC  8/24/13 - 12/14/13  George Kimber
72874  CLAS  8/24/13 - 12/14/13  MW  1250 - 1415  Judith Haggerty  AJ321

AJ 107

Criminal Law II

3 Credits/(Formerly AJ 103)<p>Prerequisite:</p> AJ 101 with a grade of "C" or better, or completion of PAC 040 or equivalent<p>Advisory:</p> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<p>Transfers to:</p> UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: AJ 106 or AJ 107)<p>This course is designed to provide Administration of Justice or other interested students with a comprehensive discourse on criminal statutes and their definition. Topics include classification as applied to the system of administration of justice, crimes against persons, property, general statutes, and health and safety statutes as well as other state and federal laws.<br>
CLASS SCHEDULE
Fall 2013

AJ 207
Juvenile Law and Procedure
3 Credits/
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101
Transfers to: CSU
This course is designed to provide Administration of Justice or other interested students with techniques for handling juvenile offenders and victims. An emphasis will be placed on the prevention and repression of delinquency, diagnosis and referral of juvenile offenders, and organization of community resources. Juvenile law and juvenile court procedures will be contrasted with adult law procedures.

AJ 208
Principles of Investigation
3 Credits/
(Formerly AJ 008)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101
Transfers to: CSU
This course is designed to provide Administration of Justice or other interested students with an in-depth study of the basic principles for all types of investigation utilized in the justice system. Topics include human aspects in dealing with the public, interviews, evidence, surveillance, follow-up, technical resources, and case preparation. An emphasis will be placed on specific knowledge necessary for handling crime scenes.

AJ 215
Vice and Narcotics Control
3 Credits/
(Formerly AJ 015)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101
Transfers to: CSU
This course is designed to provide Administration of Justice or other interested students with an in-depth understanding of code and case law of vice and narcotics. The course will focus on detection, suppression, apprehension, and prosecution of violators. Special emphasis will be placed on laws dealing with gambling, prostitution, sex crimes, narcotic identification, and search and seizure.

AJ 275
Introduction to Forensic Science
3 Credits/
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is designed to prepare Administration of Justice, Forensic Science, and California Peace Officer students for the Forensic Science Identification Program. The course examines the field of forensic science as it pertains to science and law. Topics covered include criminalistics, criminology, psychiatry, dentistry, handwriting and fingerprinting comparison, toxicology, serology and other specialties.
ANIM 101

Digital Modeling and Texturing

4 Credits/(Formerly DRAF 201)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment</p>Transfers to: CSU<br>This course introduces students to digital 3-D modeling and texturing. Students will learn the basic techniques used to create digital 3D models of organic and man made objects, used in film, TV, game development and design visualization. This course is appropriate and beneficial for all students in courses related to Graphic Arts (Multimedia, Illustration, Internet Web Design, Game Design and Film Production) and Industrial Design (Architectural, Automotive, Furniture, Clothing and Product Design). Students will be introduced to the concepts of digital sculpting, box modeling low and high resolution models, UV projecting, image based and procedurally texturing 3-D objects.<br>

ANIM 105

Principles of Animation

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; ART 130; ART 230</p>Transfers to: CSU<br>This course introduces students to the basic principles that are the foundation for the art form of animation. The topics covered in this course are the starting point for any student interested in becoming a digital animator. Through the use of a computer, solid drawing and 3D software such as Maya, students will learn to master fundamentals like squash and stretch, timing, weight, drag and follow through. This course provides students with the opportunity to build and refine the basic skill set necessary to be a digital animator.<br>

ANIM 110

Digital Character Animation

4 Credits/(Formerly DRAF 202)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; ANIM 105</p>Transfers to: CSU<br>This course will provide students with an opportunity to further develop their skills in the art of creating three-dimensional digital character animation. Students will learn how to create short animation sequences and loops using digital characters. This course is appropriate and beneficial for all students in courses related to Graphic Arts (Multimedia, Illustration, Internet Web Design, Game Design and Broadcast Media Production) and Industrial Design (Architectural, Automotive, Furniture, Clothing and Product Design). Students will be introduced to the concepts of storyboarding, Body Mechanics, acting for animators, Pose to pose and straight ahead animation, control rigging, and animating mechanical subject matter.
CLASS SCHEDULE
Fall 2013

ANIM 130
World Building for Game Development

4 Credits/<b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; ANIM 101<br><b>Transfers to:</b> CSU<br>This is an introductory course in the techniques used in building worlds for game development. There will be an emphasis placed on the essentials of traditional background layout, such as thumbnail sketching, perspective, basic design and mood. Students will have the opportunity to study in depth the procedures used in lighting and texturing game environments. Topics will include the use of color, lighting, and the design of environmental elements used to enhance basic game play and level design. This course is beneficial for all students in courses related to Graphic Arts (Multimedia, Illustration, Internet Web Design, Game Design and Film Production) and Industrial Design (Architectural, Automotive, Furniture, Clothing and Product Design).<br>

ANIM 260
Figure Drawing for Animators

3 Credits/<b>Prerequisite:</b> ART 230<br><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment<br><b>Transfers to:</b> CSU<br>A figure drawing course for animators that focuses on gesture and how to capture the essential movement, dynamic expression, and the individual attitude of the model. This course is designed to introduce and develop an understanding of life drawing that will serve as a foundation for further studies in animation and entertainment arts. Students will refine basic skills in human anatomy while learning to draw the figure in sequential movement, understand weight and balance, facial and body expression, and figure invention.<br>

ANTH 101
Introduction to Physical Anthropology

3 Credits/<b>(Formerly ANTHR 101, 001)</b><br><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: ANTH 101 or ANTH 101H)<br>In this course, people are investigated from the perspective of evolutionary theory. Students will learn about the process of natural selection and related issues including patterns of inheritance. Also included will be an examination of the closest living relatives to humans, primates, with an emphasis on behavior and ape societies. An extensive survey of human ancestors will trace the origins of various life forms and recount how ape–like creatures evolved into modern humans. Students will also discover how natural selection can be used as a tool to understand patterns of human variation. This course is designed for anthropology majors, those with an interest in anthropology, or anyone with a desire to further their understanding of humans from an evolutionary perspective.<br>
CLASS SCHEDULE
Fall 2013

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**ANTH 101H**

**Introduction to Physical Anthropology**

3 Credits *(Formerly ANTHR 101H)*

- Prerequisite: ENGL 101 with a grade of "C" or better
- Advisory: READ 023 or appropriate assessment
- Transfers to: UC (credit limit*), CSU
- (*Students will receive credit from UC for only one of the following courses: ANTH 101 or ANTH 101H)*

In this course, people are investigated from the perspective of evolutionary theory. Students will learn about the process of natural selection and related issues including patterns of inheritance. Also included will be an examination of the closest living relatives to humans, primates, with an emphasis on behavior and ape societies. An extensive survey of human ancestors will trace the origins of various life forms and recount how ape–like creatures evolved into modern humans. Students will also discover how natural selection can be used as a tool to understand patterns of human variation. This course is designed for anthropology majors, those with an interest in anthropology, or anyone with a desire to further their understanding of humans from an evolutionary perspective.

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**ANTH 101L**

**Physical Anthropology Lab**

1 Credits *(Formerly ANTHR 101L)*

- Prerequisite/Corequisite: ANTH 101 or ANTH 101H
- Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
- Transfers to: UC, CSU

This laboratory course, designed to complement the lecture course, is for students interested in expanding their knowledge of physical anthropology. Students will be introduced to the methods, techniques, and procedures used in physical anthropology research, gaining practical experience by participating in laboratory activities and experiments employing the scientific method. Laboratory exercises will include an assessment of the forces that affect evolutionary change, the observation of primate behavior, the assessment of human variation, and the identification and classification of the skeletal features of humans, non-human primates, and human ancestors. Also included will be an exploration of Mendelian, molecular, and population genetics.

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**ANTH 102**

**Introduction to Cultural Anthropology**

3 Credits *(Formerly ANTHR 102)*

- Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
- Transfers to: UC, CSU

The emphasis of this general education course is the investigation of human culture. By learning about the diversity of cultural practices around the world, students will be able to evaluate their identities within their own societies. In addition to discovering the theories and methods important to cultural anthropology, the course will include an extensive examination of cross-cultural diversity. Students will learn about how people in different cultures obtain their food, exchange goods, organize themselves in groups, engage in politics, raise children, and worship supernatural beings. Also addressed will be the issue of how cultural anthropology can contribute to addressing problems important in the modern world. This course
is designed for anthropology majors, those with an interest in anthropology, or anyone with a desire to further their understanding of human culture.

**ANTH 110**

Human Sexuality from a Cross-Cultural Perspective (Same as SOC 110)

3 Credits/Advisory:

This course is designed to provide the student who has an interest in human sexuality with an introduction to this subject as a form of culturally-influenced social interaction. Topics addressed include historical views of sexuality, gender identity, and the impact of cultural change on sexual interest and activity. A social scientific analysis of various aspects of human sexual behavior will be used to examine sexuality as a form of social interaction in a cultural context. Various social theories and relevant empirical research are critically analyzed from both a Western and non-Western perspective.

**ANTH 115**

Introduction to Medical Anthropology

3 Credits/Advisory:

Medical anthropology explores the perceptions of disease, health, and healing in different cultures around the world. Socio-cultural, biological, and ecological perspectives will be used to understand the origins of illness and disease and medical practices across cultures. Topics include diagnosis and therapies, the role of healers like witchdoctors and shamans, stress and mental health, unequal access to medical care, and medical anthropology applied to global health problems. This course is intended for nursing and health care professionals seeking continuing education credit and students interested in the cultural aspects of healing and treating disease.

**ANTH 125**

Religion, Magic, Witchcraft, and the Supernatural

3 Credits/Advisory:

This course is designed for students interested in learning about the diverse religious beliefs and practices around the world. An introduction to the anthropological study of religion will include an overview of the various forms of religious belief systems, the variety of gods and other supernatural forces, the use of myths, rituals, and ceremonies in religious practice, and the types of shamans, priests, and other religious specialists found in religious systems. The religious use of drugs will be explored along with traditional healing practices and folk medicine remedies used in many Western cultures. A survey of witchcraft, sorcery, the occult, demons, exorcism rites, sacrificial practices, and magic will be included. In addition, concepts relating to death and the afterlife will be explored such as souls, ghosts, reincarnation, zombies, and others.
ARCH 095

Construction Document Reading and Estimating

3 Credits (Formerly ARCH 014) Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or appropriate assessment. This course is beneficial for apprentices, students of architecture and employees in all areas of the construction industry, and covers residential, light commercial and industrial building construction. An introduction to the use of prints, construction documents and the theory of construction estimating, as used in the building industry will be presented. Principles of reading working drawings, plans, H.V.A.C. specifications, details, elevations and electrical specifications are included as well as material estimating, estimating rules, tables and procedures.

ARCH 115

Introduction to Residential Architecture: Drawing and Design

4 Credits (Formerly ARCH 004A) Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting. This introductory course is for any student interested in the field of Architectural Drawing and Design. The course is a requirement for both the A.S. degree and certificate in Architectural Design and Drawing, Engineering Design Drafting and Civil Design Technology. The course includes the study of architectural graphic standards related to creating construction drawings such as floor plans, exterior and interior elevations, site plans, foundation plans and details, building sections and construction framing details for one or two story residential structure. Emphasis is placed on symbology, conventions, and techniques to develop technical skills necessary for an entry level architectural drafter and may lead to careers in environmental planning and design, architectural engineering, and construction technology. Construction methods, building codes, design factors, planning, and use of reference materials are discussed and applied. All construction documents will be developed using traditional board drafting methods and standards.

ARCH 215

Architectural Perspective and Rendering

4 Credits (Formerly ARCH 016) Prerequisite: ARCH 115 Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 105. This course is for all students interested in developing skills in architectural perspective drawing and is a requirement for both the Architecture and Architecture Design and Drawing A.S. degrees. The students will be introduced to the theory of and practical application of perspective drawing and rendering as used in architectural design. Topics include one, two, and three point perspectives, entourage, and introduction to rendering techniques, such as water color, markers, film, pastels, pencil, pen and ink. Presentation techniques will also be discussed.
ARCH 225

Commercial Wood and Masonry Design and Construction

4 Credits/(Formerly ARCH 005B) Prerequisite: ARCH 115 and (ENGT 150 or ENGT 170) Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment, and/or industry experience in CADD applications Transfers to: CSU This advanced level course is for students pursuing an A.S. Degree or Certificate in Architecture and Architectural Design and Drawing. The course includes the study of construction methods, building ordinances and codes. As a component of the course students will complete construction documents for concrete block, steel and wood commercial buildings and retail space. Emphasis is placed on effective space utilization, technical plans, elevations, aesthetics, handicap requirements, site utilization and development, traffic flow, landscape, foundation design and construction details. All construction documents will be developed using CADD.

70989 CLAS 8/24/13 - 12/14/13 MW 1555 - 1720 Roxanna Hardy S310

LAB 8/24/13 - 12/14/13 MW 1730 - 1855 Roxanna Hardy S310

ARCH 260

Advanced Architecture Using Revit and 3D Software

4 Credits/(Formerly DRAF 023) Prerequisite: ARCH 115; ENGT 150 Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting; ENGT 200 Transfers to: CSU This course is for all students pursuing an A.S. Degree in Architecture (Transfer) and presents an intensive study of BIM (Building Information Modeling) applications as they relate to architecture. Utilizing the latest releases of 3D design software such as Revit and AutoCAD Architecture and previously learned technical and architectural drafting conventions, students will produce two and three dimensional BIM generated architectural drawings and 3D virtual models. High technology skills which are necessary to function as a designer or CADD Drafter are emphasized.

71021 CLAS 8/24/13 - 12/14/13 MW 1250 - 1415 Joseph Sunyogh S307

LAB 8/24/13 - 12/14/13 MW 1420 - 1545 Joseph Sunyogh S307

ARCH 261

Revit for Advanced BIM Architectural, Structural and MEP Applications

4 Credits Prerequisite: ARCH 260 Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment Transfers to: CSU Advanced BIM (Building Information Modeling) applications extends the fundamentals of the Arch 260 class to include Structural, Mechanical, Electrical and Plumbing extensions of the Autodesk Revit Building software. Students will work on both group and individual projects to create and present three-dimensional representation of architectural solutions. Students will also learn the basic process and workflow in creation of Revit Families for use in building models. Course may be counted once towards the major and repeated three times to enhance student’s skills and proficiency levels, or repeated due to content change or software updates.

72904 CLAS 8/24/13 - 12/14/13 TR 1900 - 2025 Carl Walls S307

LAB 8/24/13 - 12/14/13 TR 2035 - 2200 Carl Walls S307

ARCH 290

Cooperative Work Experience/Internship for Architecture Related Fields
CLASS SCHEDULE
Fall 2013

1 Credits
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course supports and reinforces on-the-job training in business and industrial establishments under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is related to the field of architecture and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures".

Student Unpaid Internship:
1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours

Student Paid Internship
1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.

ART 101
Introduction to Art
3 Credits (Formerly ART 007)
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This lecture/lab course provides the non-art majors an opportunity to learn about art through a series of hands-on projects within an art historical and conceptual framework. Project and topics include drawing, painting, printmaking, design, mixed media and sculpture.

ART 104
Art of the Ancient Americas
3 Credits
Advisory: ENGL 030 or ENLA 034 or appropriate assessment
Transfers to: UC, CSU
Art 104 is a study of the indigenous arts of Mexico, Andean South America, and Central America, from civilizations including the Olmec, Maya, Aztec, Inca, Moche, Chavin de Huantar, and Nazca. Art of representative native tribes of the territory now encompassed by the United States and Canada will be comparatively examined. Works of art and architecture will be presented in relation to the various religious beliefs, political/economic systems, and cultural practices of the ancient Americas. Art historical and archaeological methodologies relating to the understanding and interpretation of non-Western art will be discussed. This course is appropriate for students pursuing a degree in Art, students with an interest in American Studies and Latin American Studies.
ART 105

Survey of Art History from Prehistoric through Medieval Periods

3 Credits (Formerly ART 001A)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: ART 105 or ART 105H)
This course presents a broad overview of Prehistoric, Mesopotamian, Egyptian, Greek, Etruscan, Roman, Early Christian, Islamic, and Medieval art and architecture. This course is appropriate for all students pursuing the degree in Studio Art or Art History or seeking to fulfill general education requirements in Fine Arts and Humanities.

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ART 106

Survey of Art History from the Renaissance to the Present

3 Credits (Formerly ART 001B)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: ART 106 or ART 106H)
This course provides an overview of the history of Western art from the 14th century through the Modern Era, including Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, Realism, Early Photography, Impressionism, Post Impressionism, and early Modern art movements of the 20th century. This course is appropriate for all students pursuing the degree in Art and/or seeking to fulfill general education requirements in Fine Arts and Humanities.

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ART 107

The Art of Asia

3 Credits (Formerly ART 002)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course examines the artistic traditions of Prehistoric to Modern Asia in relation to their cultural, philosophical, and religious influences. The art and architecture of Central Asia (India, China, Korea, and Japan) will be emphasized. Examples from Southeast Asia, Pakistan, Tibet, and Nepal will also be discussed. This course is appropriate for all students interested in art and culture and for those seeking to fulfill general education requirements for Fine Arts and Humanities, as well as all Studio Art majors.

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ART 108

The Art of Mexico

3 Credits (Formerly ART 003)
Advisory: READ 023 or appropriate assessment; ENGL 035 or ENLA 100 or appropriate assessment
Transfers to: UC, CSU
This course is a survey of the art and architecture of Mexico including PreColumbian, Viceregal (Colonial) and Modern 19th and 20th centuries. Chicano/a art will also be examined in relation to its Mexican antecedents. Art 108 is appropriate for all students interested in art
and culture and for those seeking to fulfill general education requirements in Fine Arts and Humanities, as well as all Studio Art majors and Art History majors.

**ART 110**

**Understanding Visual Art**

3 Credits (Formerly ART 005)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>ART 110 is a lecture course that provides the student with an introduction to the study of visual art: its vocabulary, its forms, the many roles it plays in society, and the variety of processes artists master in its making. Students gain insight into current approaches used in interpreting meaning from art and explore questions about the ways in which value is assigned to the art object. Using examples from cultures around the world and across time, this course offers a broad overview to any student interested in art and culture and to those seeking to fulfill general education requirements in Fine Arts and Humanities.

**ART 112**

**Visual Art in the Modern Era**

3 Credits (Formerly ART 006B)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>ART 112 is a survey of developments in art and architecture from the early 19th century through the 20th century and into the 21st. From Realism and Early Photograph through Postmodern and Contemporary art, visual art movements will be discussed in relation to stylistic trends, philosophical influences, innovations in technology, and other historical and social contexts. The roles played by artist, critic, and consumer in shaping these movements will be examined, as well as visual art’s impact upon society in the Modern Era. This course is appropriate for all students interested in art and culture and for those seeking to fulfill general education requirements in Fine Arts and Humanities, as well as for Studio Art majors.

**ART 115**

**The Art of Film**

3 Credits<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This introductory course explores film as an art form, its basic components, and its relation to the styles and movements of other visual arts forms. An understanding of cinematic language is emphasized by focusing upon film's manipulation of time and space, its use of visual metaphors, montages, and explicit/implicit messages. The collaborative nature of filmmaking is studied by examining the role of cinematography, lighting, film editing, visual effects, art direction, and the use of sound and music to enhance the script and create style. Through discussion and written assignments, students develop the ability to analyze the impact of films viewed both in and out of class. This course is appropriate for any student interested in film, art, media studies, or culture.
CLASS SCHEDULE
Fall 2013

ART 120
Two Dimensional Design

3 Credits (Formerly ART 030A)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This is a foundational, first semester course and is open to any student interested in the fundamentals of visual thinking as they apply to all visual media and fulfills a general education requirement in Art. This course provides an introduction to the concepts, applications, and art historical references related to two-dimensional art and composition, and includes the study of the basic elements of line, shape, texture, value, color and spatial illusion. Students will develop a visual vocabulary for creative expression through lecture presentations, studio projects, and written assignments.

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ART 121
Three Dimensional Design

3 Credits (Formerly ART 030B)
Advisory: READ 022 or appropriate assessment; ART 120
Transfers to: UC, CSU
This is a first semester course for art and non-art majors. It is an introduction to the concepts, applications, and historical references related to three-dimensional form in visual art and design. Exploration of the expressive potential and conceptual possibilities of three-dimensional forms through lecture, slide and video presentations, and studio projects using a variety of tools, materials, and techniques.

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ART 130
Freehand Drawing I

3 Credits (Formerly ART 010A)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This is a first semester course for art and non-art majors interested in developing basic drawing skills. As an introduction to observational drawing and composition, students will develop the ability to perceive and define shape, contour, volume, space, and light using a variety of drawing media and subject matter. Emphasis is on clarity of observation and the ability to order and translate 3-dimensional form and space into 2-dimensional drawings.

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ART 131
Freehand Drawing II

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3 Credits/(Formerly ART 010B)<p>Prerequisite: ART 130<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This is a second semester course for art and non-art majors in observational drawing and composition, stressing an advanced ability to perceive and define shape, contour, volume, space, and light. Students will use a variety of drawing media and subject matter. Emphasis is on strengthening skills introduced in Freehand Drawing I, the exploration of color in drawing and concepts related to content.</p>

70500 CLAS 8/24/13 - 12/14/13 MW 0750 - 0845 Margaret Griffith B012
70500 LAB 8/24/13 - 12/14/13 MW 0850 - 1055 Margaret Griffith B012
70502 CLAS 8/24/13 - 12/14/13 TR 1200 - 1255 Margaret Griffith B012
70502 LAB 8/24/13 - 12/14/13 TR 1300 - 1505 Margaret Griffith B012

**ART 135**

**Beginning Painting**

3 Credits/(Formerly ART 020A)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; ART 130<br>Transfers to: UC, CSU<br>This is a first semester course for art and non-art majors interested in developing basic painting skills. The course explores both traditional and contemporary painting techniques while stressing an ability to perceive and define shape, contour, volume, texture, space, and light using acrylic or water-based oil painting media. Emphasis is on learning the techniques of painting, understanding the use of color, while strengthening observation and rendering skills. Students are advised to have some drawing skills before taking this class.</p>

70572 CLAS 8/24/13 - 12/14/13 MW 1200 - 1255 Ada Brown B012
70572 LAB 8/24/13 - 12/14/13 MW 1300 - 1505 Ada Brown B012
70573 CLAS 8/24/13 - 12/14/13 TR 0830 - 0925 Ada Brown B012
70573 LAB 8/24/13 - 12/14/13 TR 0930 - 1135 Ada Brown B012
70574 CLAS 8/24/13 - 12/14/13 TR 1530 - 1625 Margaret Griffith B012
70574 LAB 8/24/13 - 12/14/13 TR 1630 - 1835 Margaret Griffith B012
70576 CLAS 8/24/13 - 12/14/13 S 0900 - 1050 Deane Swick B012
70576 LAB 8/24/13 - 12/14/13 S 1055 - 1515 Deane Swick B012

**ART 136**

**Intermediate Painting**

3 Credits/(Formerly ART 020B)<p>Prerequisite: ART 130; ART 135<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This is a second semester course for art and non-art majors interested in further development of painting skills and techniques, understanding the use of color and space, while strengthening observation and rendering skills. The course explores both traditional and contemporary painting concepts, styles, and techniques that involve complex compositional and technical problems in either acrylic or oil painting media.</p>

70577 CLAS 8/24/13 - 12/14/13 MW 1200 - 1255 Ada Brown B012
70577 LAB 8/24/13 - 12/14/13 MW 1300 - 1505 Ada Brown B012
70578 CLAS 8/24/13 - 12/14/13 TR 1530 - 1625 Margaret Griffith B012
70578 LAB 8/24/13 - 12/14/13 TR 1630 - 1835 Margaret Griffith B012
70587 CLAS 8/24/13 - 12/14/13 S 0900 - 1050 Deane Swick B012
ART 140
Ceramics I

3 Credits/(Formerly ART 038A)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment Transfers to: UC, CSU This is an introductory course open to all art and non-art majors interested in learning basic skills in ceramics using the potter’s wheel. Students will develop a visual vocabulary for creative expression through lectures, power point, vocabulary lists and video presentations. This course covers beginning problems of centering, throwing and shaping various functional and non-functional pottery. Students will be introduced to the process of glazing and basic firing techniques. This course emphasizes exploring personal and cultural expression in the ceramic media. Evaluation will be based on using a variety of tools and writing assignments.<br>

ART 141
Ceramics II

3 Credits/(Formerly ART 038B)<br>Prerequisite: ART 140 Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment Transfers to: UC, CSU This is an intermediate course in ceramics open to all art and non-art majors, with continued emphasis on basic skills using the potter’s wheel. Included in the course will be intermediate problems on the wheel, basic decorative techniques, and making a test glaze. Students will be exploring contemporary artistic practice and the social and historical elements of ceramic art.
ART 142

Introduction to Ceramic Handbuilding

3 Credits<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<p>This is a first semester course for art and non-art majors. It is designed to introduce students to the concepts, techniques, history, and contemporary practices of handbuilding in the ceramics arts. This course can be taken once and repeated three times for credit. This class is for any student who is interested in the fundamentals of clay construction using hand-building technique.<br><br>70681  CLAS 8/24/13 - 12/14/13  MW 1315 - 1410  Tanya Batura  B010  
LAB 8/24/13 - 12/14/13  MW 1415 - 1620  Tanya Batura  B010

ART 164

Graphic Design (Adobe Illustrator)

3 Credits<br>(Formerly ART 045A)<br>Advisory: READ 022 or appropriate assessment; ART 120<br>Transfers to: CSU<br>Designed for the student interested in a degree in commercial art or those interested in 2 dimensional design and layout applications employed as tools by computer graphic artists, this course is an exploration of graphic design using the Adobe Illustrator computer based design software. Topics include typography usage, inclusion of photo-derived images, illustration techniques, page layout design, as well as current methods/styles employed by graphic artists. This course includes portfolio building with an emphasis on professional standards.<br><br>70683  CLAS 8/24/13 - 12/14/13  MW 0850 - 0945  Jodi Chapel  S302  
LAB 8/24/13 - 12/14/13  MW 0950 - 1155  Jodi Chapel  S302

ART 165

Graphic Design (Advanced Adobe Illustrator)

3 Credits<br>(Formerly ART 045B)<br>Prerequisite: ART 164<br>Advisory: READ 022 or appropriate assessment; ART 120<br>Transfers to: CSU<br>Intended for the student interested in a degree in commercial art or those interested in 2 dimensional design and layout applications employed as tools by computer graphic artists, this course is an advanced exploration of graphic design using the Adobe Illustrator computer based design software. Topics include concept driven projects exploring illustration and rendering techniques, advanced compositing methods using various sources, as well as current methods/styles employed by graphic artists. This course includes portfolio building with an emphasis on professional standards.<br><br>70685  CLAS 8/24/13 - 12/14/13  MW 0850 - 0945  Jodi Chapel  S302  
LAB 8/24/13 - 12/14/13  MW 0950 - 1155  Jodi Chapel  S302

ART 175

Computer Graphics

3 Credits<br>(Formerly ART 041)<br>Advisory: READ 022 or appropriate assessment<br>Transfers to: CSU<br>This course is for the student interested in a degree in commercial art or any student interested in 2 dimensional paint and 3 dimensional modeling applications employed as tools by computer graphic artists. Topics covered will include the exploration of basic paint techniques as well as basic modeling, mapping, rendering and animation techniques as they relate to page and web design.<br><br>70687  CLAS 8/24/13 - 12/14/13  TR 1430 - 1525  Dale Harvey  S302
ART 178

Introduction to Digital Imaging (Adobe Photoshop)

3 Credits
Advisory: READ 022 or appropriate assessment; ART 120

This course is for the student interested in a degree in commercial art or any student interested in digital imaging. The focus of the course is computer based image-editing software and its use as a tool in the creation of high quality digital imagery. Also provided is an overview of programs such as Adobe Photoshop and other related graphics programs employed by digital imaging artists with an emphasis on photography as the primary source of the final images. Included in this course will be the discussion of aesthetic decisions as they relate to image composition. The ethical and legal implications of image manipulation will be discussed as well as various presentation possibilities.

ART 180

Art Gallery Display Design

2 Credits
(Formerly ART 049)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

This course is appropriate for all students interested in art, art exhibitions, museum studies, and cultural studies and is a combination studio and lecture course that provides students with creative experience in exhibition design and gallery installation. Topics include exhibition space planning, principles of color and design, art exhibition construction and lighting, and proper care and handling of art objects. Students are also given an introduction to the basic principles of art curating and gallery management. This course may be taken once and repeated three times for credit.

ART 230

Beginning Life Drawing

3 Credits
(Formerly ART 012A)
Prerequisite: ART 130
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

This is a first semester course for art, animation, and non-art majors interested in developing the basic drawing skills of representing the human figure. As an introduction to observational figure drawing and composition, students will develop the ability to perceive and define the anatomy and structural organization of the human form in terms of expressive design and creative use of drawing media.
ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
This is a second semester course for art, animation, and non-art majors interested in furthering their figure drawing skills. Working from a professional figure model, students will refine those skills learned in ART 230 and learn intermediate drawing skills, study human anatomy in greater detail, and extend their knowledge regarding the use of the figure in visual art. Emphasis is on clarity of observation and the ability to order and translate form and space on a two dimensional surface.

70763  CLAS  8/24/13 - 12/14/13  MW  1530 - 1625  Ada Brown  B012
LAB  8/24/13 - 12/14/13  MW  1630 - 1835  Ada Brown  B012

ART 232
Advanced Life Drawing

3 Credits (Formerly ART 013)
Prerequisite: ART 231 or ANIM 260
Advisory: ENGL 035 or ENLA 100 or appropriate assessment
Transfers to: UC, CSU
This is a third semester course for art, animation, and non-art majors interested in furthering their figure drawing skills. Students will refine those skills learned in ART 231 or ANIM 260 and learn advanced drawing skills, study the human anatomy in greater detail, and extend their knowledge regarding the use of the figure in visual art.

70768  CLAS  8/24/13 - 12/14/13  MW  1530 - 1625  Ada Brown  B012
LAB  8/24/13 - 12/14/13  MW  1630 - 1835  Ada Brown  B012

ART 233
Freehand Drawing III

3 Credits
Prerequisite: ART 131
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This course is a third semester course in drawing and composition. More complex problems and a broader range of media including color will be utilized. Emphasis is on advancing observational skills and conceptual development through a range of subject matter, technical refinement and thematic development. Exploration of individual creative interpretation, process and intent in order to deepen the student’s studio practice and investigation is stressed.

70509  CLAS  8/24/13 - 12/14/13  MW  0750 - 0845  Margaret Griffith  B012
LAB  8/24/13 - 12/14/13  MW  0850 - 1055  Margaret Griffith  B012
70511  CLAS  8/24/13 - 12/14/13  TR  1200 - 1255  Margaret Griffith  B012
LAB  8/24/13 - 12/14/13  TR  1300 - 1505  Margaret Griffith  B012

ART 234
Watercolor Painting

3 Credits
Prerequisite: ART 130
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This course is an introduction to various transparent watercolor techniques including wash and glazing. Applications of drawing, beginning painting, and design fundamentals to these techniques are included as well as the communicative element of content.

72759  CLAS  8/24/13 - 12/14/13  TR  1530 - 1625  Margaret Griffith  B012
LAB  8/24/13 - 12/14/13  TR  1630 - 1835  Margaret Griffith  B012

ART 235
Advanced Painting I

3 Credits/( Formerly ART 021A)<br>Prerequisite: ART 136<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This is a third semester course in painting for the art and non-art major. The course constitutes a study of advanced painting problems stressing experimentation with traditional and contemporary methods of painting, composition, and expression. Class and individual projects using figure, still life, landscape, abstraction, shaped format, altered scale and material exploitation will be stressed.<br>

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ART 236

Advanced Painting II

3 Credits/( Formerly ART 021B)<br>Prerequisite: ART 235<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This is a fourth semester course in painting for the art and non-art major. This course explores experimentation with traditional and contemporary methods of painting using the figure, still life, landscape, abstraction and non-objective imagery with an emphasis on continuing skill development and problem solving of interpretation, expression and conceptual issues in painting.<br>

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ART 242

Advanced Ceramics

3 Credits/( Formerly ART 039)<br>Prerequisite: ART 141<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to: UC, CSU<br>This is an advanced course in ceramics, open to all art and non-art majors. This class places a special emphasis on personal growth and aesthetics as well as increased proficiency on the potter's wheel. Students will investigate the concepts of management and expressive exploration of the unique characteristics of fired ceramics – both the opportunities and constraints presented in the processing of clay from a soft, plastic, fragile, impermanent substance into a hard, rigid, and completely metamorphosed material after drying and firing. It is a process that requires sensitivity to time and sequence, and demands critical informed technical management. An important aspect of the class will be having students evaluate their selection of type of clay, decorative techniques and final-firing process to
achieve their desired finished results. Included in this course will be advanced problems-solving in forms, shapes, decorative techniques and glazing.

70679  CLAS  8/24/13 - 12/14/13  TR  1315 - 1410  Robert Miller  B010
    LAB  8/24/13 - 12/14/13  TR  1415 - 1620  Robert Miller  B010
70680  CLAS  8/24/13 - 12/14/13  TR  1900 - 1955  Jeffrey Netzer  B010
    LAB  8/24/13 - 12/14/13  TR  2000 - 2205  Jeffrey Netzer  B010
72912  CLAS  8/24/13 - 12/14/13  MW  0850 - 0945  Robert Miller  B010
    LAB  8/24/13 - 12/14/13  MW  0950 - 1155  Robert Miller  B010

ASL 149

American Sign Language I

4 Credits/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment; Transfers to: UC, CSU
This course will provide an introduction to American Sign Language emphasizing receptive and expressive skills. The use of facial expressions during signing will also be addressed. Students will be exposed to deaf culture experiences both in the classroom and in other environments. This course is designed for people who wish to learn to communicate with those who are deaf and hard of hearing.

71065  CLAS  8/24/13 - 12/14/13  TR  1900 - 2105  Melanie Hiller  A202
71066  CLAS  8/24/13 - 12/14/13  MW  1430 - 1635  William Rennie  A202
73245  CLAS  8/24/13 - 12/14/13  MW  1115 - 1320  William Rennie  El Monte Educational Center

ASTR 110

General Astronomy

3 Credits/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment; MATH 030 or appropriate assessment; Transfers to: UC (credit limit*), CSU
(*Students will receive credit from UC for only one of the following courses: ASTR 110 or ASTR 110H)
This is a descriptive nonmathematical course designed to develop an appreciation of astronomy and a broad cosmic perspective. The emphasis of the course is on the current state of knowledge of our solar system, our galaxy, and the universe. Topics on the frontier of astronomical knowledge such as black holes and the search for extraterrestrial life will be explored. This course is designed for those with an interest in astronomy or anyone who desires to expand their cosmic horizons.

70467  CLAS  8/24/13 - 12/14/13  MW  1115 - 1240  Shimonee Kadakia  S236
70470  CLAS  8/24/13 - 12/14/13  TR  1115 - 1240  Shimonee Kadakia  S236

ASTR 112

Observational Astronomy

1 Credits/Advisory: ASTR 110 with a grade of "C" or better; Prerequisite/Corequisite: ASTR 110
This course is designed to acquaint the student with the methods, techniques, and tools of the astronomer. Indoor labs will demonstrate classical methods and techniques of science. Students will learn the critical thinking processes needed to acquire and analyze scientific data. Students will become familiar with naked eye objects visible during the fall/winter [112], spring/summer [114] including constellations, planets, star clusters, galaxies, meteors, and the phases of the moon.
Students will learn to locate objects visually and use astronomical coordinate systems. The development of skill in the operation of optical telescopes is emphasized. This course is designed for those with an interest in learning night skies and the tools astronomers use to explore the cosmos. Observatory facilities will be utilized often, weather permitting. Field trips are an integral part of this class.<br>

AUTB 090
Advanced Automotive Collision Repair

2 Credits/Advisory:/READ 023 or appropriate assessment; AUTB 130
This course is designed for the advancement of skills in the art of automotive collision repair, painting, customizing, and the repair of plastics. Major emphasis is placed on hand and power tool use, theory of design, complete repair projects and practicing repair skills for employment opportunities.<br>

AUTB 101
Introduction to Automotive Collision Repair and Painting

4 Credits/Advisory:/READ 023 or appropriate assessment/Transfer to:/CSU
This is an introductory course in the fundamental aspects of automotive collision repair and is designed for anyone with an interest in the subject matter. Major emphasis is on unitized construction, high strength steel, metal straightening and finishing, paint feathering and priming. Related technical information is presented concerning power and hand tools and their use, automobile designs and nomenclature.<br>

AUTB 125
Automotive Collision Repair and Painting

4 Credits/Prerequisite:/AUTB 101/Advisory:/READ 023 or appropriate assessment/Transfer to:/CSU
This course is designed to further the student’s knowledge of automotive collision repair and painting. Major emphasis is placed on, straightening minor and major collision damage, replacement of parts, quarter panel and door replacement and sectioning, plastic repair, spot painting and overall painting.<br>

AUTO 045
Honda/Acura Proformance I

4 Credits/Formerly AUTOT 045/Corequisite:/AUTO 140 and AUTO 201/Advisory:/ENGL 035 or ENLA 100 or appropriate assessment
This course introduces maintenance light repair and service operations for late model Honda/Acura vehicles. Students will engage in MLRS interactive activities, lessons and or special assignments via distant learning using Honda’s Interactive Training and Support Network. Upon completion of each MLRS training module students will be assessed on the subject matter. Successful completion of all MLRS modules will then be accompanied by an Express Service
performance evaluation. During Express Service students will have an opportunity to demonstrate their skills in MLRS areas in a mock dealership environment. Successful completion of all MLR modules and the Express Service evaluation will count toward the students MRLS certification/certificate.

AUTO 101

Introduction to Automotive Service and Repair: Underhood Service

3 Credits/(Formerly AUTOT 101)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU</p>This is an introductory course designed to provide the student with the fundamentals of the engine and its subsystems of the modern automobile. Students will learn basic automotive tool and equipment use and how to safely perform basic repair and maintenance operations. Students will have the opportunity to perform minor repair work on their own vehicles to complete required tasks. This course is designed to be a companion course to AUTO 103 and AUTO 106, and is one of the three prerequisite courses for AUTO 107. Students are encouraged to complete all three courses in order to obtain a firm foundation in this subject, and it is required for the General Service Technician Certificate Program.

AUTO 103

Introduction to Automotive Service and Repair: Undercar Service

3 Credits/(Formerly AUTOT 103)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU</p>This is an introductory course designed to provide the student with the fundamentals of the transmission, brakes, suspension, heating and air conditioning, engine performance, and emission control systems of the modern automobile. Students will learn basic automotive tool and equipment use and how to safely perform basic repair and maintenance operations. Students will have the opportunity to perform minor repair work on their own vehicles to complete required tasks. This course is designed to be a companion course to AUTO 101 and AUTO 106, and is one of the three prerequisite courses for AUTO 107. Students are encouraged to complete all three courses in order to obtain a firm foundation in this subject, and it is required for the General Service Technician Certificate Program.

AUTO 107

Introduction to Automotive Light Service

3 Credits/(Formerly AUTOT 107)<p>Prerequisite: AUTO 101, AUTO 103, and AUTO 106<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU</p>This is an introductory course to provide students with working knowledge of light duty service. Students will learn underhood and undercar systems service, battery and basic electrical service, pre-delivery inspection procedures, and preventative maintenance operations. Emphasis will be placed on the safe operation of light-duty service tools and equipment, and general repair procedures of wheels and
tires, suspension & steering components, engine and transmission components, engine & vehicle electrical components, and brake system components. This course offers further practice and more experience in the subjects taught in three other introduction courses (AUTO 101, AUTO 103, & AUTO 106).

AUTO 108
Introduction to Automotive Diesel Service & Operation
3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment
Transfers to: CSU
This beginning course introduces students to the field of diesel powered passenger cars theory of operation and general service procedures. This course covers the principals of operation, fuel systems, electrical, exhaust systems, and controls. This course is for the beginning student, general technicians and emission control (smog) technicians interested in automotive diesel technology.

AUTO 110
Introduction to Engine Diagnosis and Tune-Up
3 Credits/(Formerly AUTOT 110)/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AUTO 103; AUTO 106
Transfers to: CSU
An introductory study of automotive diagnosis and tune-up procedures as they pertain to the function and control of the engine, fuel, ignition, starting, and charging systems. This course is first in a series of Engine Diagnosis and Tune-Up classes, and is designed for the student who wants to enter the field of Tune-Up, Driveability, and Emissions.

AUTO 130
Basic Clean Air Car Course
4 Credits/(Formerly AUTOT 130, 024B)/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AUTO 115; AUTO 120
Transfers to: CSU
This course is designed to prepare students to take the State of California Motor Vehicle Pollution Control License Examination (Smog Technician Test). Course content includes Engine Theory, Basic Electrical, Ignition Systems, Fuel Systems, and Emissions Systems. Emphasis is placed on proper engine diagnostic procedures, OBD-I and OBD-II systems, and rules & regulations. Lab activities focus on the use of testing equipment, scan tools, digital scopes & meters, as well as inspection and the repair procedures of vehicles that failed the Smog Test. This course is one of two required courses that qualifies students/technicians to meet the Bureau of Automotive Repair (BAR) requirements for the State of California licensing examination preparation.

AUTO 140
Body and Chassis Electrical Systems
4 Credits/(Formerly AUTOT 140, 038B)<p>Advisory: READ 023 or appropriate assessment; AUTO 157 Transfers to: CSU<p>This course provides an overview of the modern automobile's electrical system as related to the body and chassis of the vehicle. The theory of operation, operational characteristics and methods of problem diagnostics and repair for the following systems are included: lighting, instruments, windshield wipers, power windows/seats/mirrors, audio systems, convertible tops, safety restraints, (SRS) Supplemental Restraint Systems, and anti-theft systems. This course prepares the student for the (ASE) Automotive service Excellence A-6 exam and is intended for Automotive majors.<br></p>70354  CLAS  8/24/13 - 12/14/13  M  0800 - 1110  Michael Dighera  T141<br>LAB  8/24/13 - 12/14/13  M  1210 - 1520  Michael Dighera  T141

AUTO 141

Alternative Fuels I

3 Credits/(Formerly AUTO 040, AUTOT 040)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment Transfers to: CSU<p>This is an introductory course on alternative fuels as they pertain to use in modern vehicles. Various alternative fuels will be compared, such as Compressed Natural Gas (CNG), Liquefied Natural Gas (LNG), Hydrogen, Bio-Fuel, LPG, etc. The theory of operation, system components, and the safe handling of these fuels are included. Students will develop skills in the area of vehicle preparation, system component identification, and repair procedures related to vehicles using alternative fuels. This course is designed for students and technicians working on stationary power engines, transportation and clean fuels seeking to improve skills related to the maintenance and repair of gaseous fuels. This course provides students with ASE F1 or H1 test prep information.<br></p>72256  CLAS  8/24/13 - 12/14/13  W  1800 - 2030  John Frala  T154<br>LAB  8/24/13 - 12/14/13  W  2035 - 2200  John Frala  T154

AUTO 147

Introduction to Hybrid and Electric Vehicle Technology

3 Credits/(Formerly AUTO 0478, AUTOT 47.8)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment; AUTO 140 Transfers to: CSU<p>This course explores the use of Hybrid and Electric power for vehicle transportation. Topics will include safety when using high voltage, maintenance, drivability, inverter power transfer, battery technologies, hydrogen electric power, and fuel cell technology. Physics of battery storage, Hybrid generation systems, Electric vehicle applications and their integrated systems from many manufactures will be discussed. This course is suitable for student's entering into alternative fuels or power generation and energy technology field.<br></p>72725  CLAS  8/24/13 - 12/14/13  M  1800 - 2030  John Frala  T103<br>LAB  8/24/13 - 12/14/13  M  2035 - 2200  John Frala  T103

AUTO 155

Automotive On-Board Diagnostics Generations One and Two (OBD I and OBD II)

3 Credits/(Formerly AUTOT 47.7)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment; AUTO 106; AUTO 120 Transfers to: CSU<p>This course will provide students with the fundamentals of Automotive On-Board Diagnostics, Generations One and Two (OBD-I and OBD-II). Students will discuss the history, regulations, vocabulary, and diagnostic strategies of OBD-I and OBD-II equipped vehicles. Topics of discussion include Safety, Service Information Systems, Electrical Circuits, Symbols & Circuit Diagrams, and other Fuel & Ignition-related...
CLASS SCHEDULE  
Fall 2013

subjects. This course requires the student to have a solid background regarding the technical knowledge of basic Gasoline Engine Fuel and Ignition Systems. This course is designed for all automotive majors with a background in advanced emission repair.<br>

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<th>Course Code</th>
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<td>Steve Tomory</td>
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AUTO 200  
Suspension, Steering, and Alignment Service

4 Credits/(Formerly AUTOT 200, 010A)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AUTO 101, AUTO 103</p>Transfers to: CSU<p>This course discusses the principles of suspension, steering and wheel alignment for modern imported and domestic automobiles and light trucks. Emphasis is placed on developing skills required in the diagnosis, and/or repair and adjustment to steering systems and wheel alignment angles. Complete suspension and steering system overhaul will be covered in the laboratory. Computerized wheel alignment and computerized wheel balancing equipment will be used/demonstrated. This course is designed for students wanting to work in the automotive sector or automotive technicians needing to improve their skills and knowledge in suspension, steering and alignment.<br>

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AUTO 201  
Automotive Brake and Suspension Service

4 Credits<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AUTO 101; AUTO 103</p>Transfers to: CSU<p>This course discusses brakes and suspension theory of operation, service and repair procedures, related tool and equipment use and strategy based problem diagnosis. These procedures for imported and domestic automobiles and light trucks are developed through classroom discussions, demonstrations and laboratory experiences. This course is designed for students wanting to work in the automotive sector or automotive technicians needing to improve their skills and knowledge in brake and suspension service.<br>

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AUTO 230  
Automatic Transmission/Transaxle

4 Credits/(Formerly AUTOT 230)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AUTO 125</p>Transfers to: CSU<p>This course is designed to provide instruction in Automatic Transmission/Transaxle systems. Included will be the application of friction materials, planetary gear components, hydraulic components; both hydraulically controlled and electronically controlled, fluid types and sealing materials. The student will achieve skill in diagnosis, removal, disassembly, reassembly and rebuilding transmission units to manufacturer’s specifications and learn part nomenclature and function.</p>

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<td>Carl Anderson</td>
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<td>0935 - 1100</td>
<td>Carl Anderson</td>
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AUTO 290  
Cooperative Work Experience/Internship for Automotive Technology Related Fields

Jul 29, 2013

3:27:22 PM
1 Credits\(<b>(Formerly AUTOT 105)</b>\)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<\b>Transfers to:\(\text{CSU}\)\p>\text{This course supports and reinforces on-the-job training in business and industrial establishments under the supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is related to the automotive/transportation field and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures".}\p><b>Student Unpaid Internship:</b><br>1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours<br><b>Student Paid Internship</b><br>1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.<br><

72811  
ARR 8/24/13 - 12/14/13  
Michael Dighera
CLAS 8/24/13 - 12/14/13  
Michael Dighera

72812  
ARR 8/24/13 - 12/14/13  
Michael Dighera
CLAS 8/24/13 - 12/14/13  
Michael Dighera

72813  
ARR 8/24/13 - 12/14/13  
Michael Dighera
CLAS 8/24/13 - 12/14/13  
Michael Dighera

72814  
ARR 8/24/13 - 12/14/13  
Michael Dighera
CLAS 8/24/13 - 12/14/13  
Michael Dighera

\text{BIOL 101}

\text{General Biology}

4 Credits\(\text{(Formerly BIOL 010A)}\)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment<\b>Transfers to:\(\text{UC (credit limit*), CSU}\)\p><b>(Students will receive credit from UC for only one of the following courses: BIOL 101 or BIOL 200)</b><p>\text{General Biology 101 is a general education course, open to all students, and is designed to provide an introduction to concepts and principles of modern biology. Topics covered will include cell structure and function, energy relationships, genetic control mechanisms, concepts of evolution, biological diversity, and ecosystem function. The laboratory component of the course emphasizes the application of the scientific method as a tool to understanding living systems.}\p>

70474  
CLAS 8/24/13 - 12/14/13  
MW 0805 - 0930  
Terry Keller  
S136
LAB 8/24/13 - 12/14/13  
M 0940 - 1250  
Terry Keller  
S130

70475  
CLAS 8/24/13 - 12/14/13  
MW 0805 - 0930  
Terry Keller  
S136
LAB 8/24/13 - 12/14/13  
W 0940 - 1250  
Terry Keller  
S130

70481  
CLAS 8/24/13 - 12/14/13  
MW 0805 - 0930  
Terry Keller  
S136
LAB 8/24/13 - 12/14/13  
W 1300 - 1610  
Shirley Isaac  
S130

70482  
CLAS 8/24/13 - 12/14/13  
TR 0805 - 0930  
Frances Cummings  
S136
LAB 8/24/13 - 12/14/13  
T 0940 - 1250  
Frances Cummings  
S130

70483  
CLAS 8/24/13 - 12/14/13  
TR 0805 - 0930  
Frances Cummings  
S136
LAB 8/24/13 - 12/14/13  
R 0940 - 1250  
Frances Cummings  
S130

70484  
CLAS 8/24/13 - 12/14/13  
TR 1115 - 1240  
Amy McWhorter  
S136
LAB 8/24/13 - 12/14/13  
T 1300 - 1610  
Amy McWhorter  
S130

70486  
CLAS 8/24/13 - 12/14/13  
TR 1115 - 1240  
Amy McWhorter  
S136
**BIOL 111**

**Marine Biology**

3 Credits/<b>(Formerly BIOL 011)<br>Advisory:/b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment<br>Transfers to:/b> UC, CSU<br>This course is designed to give the student a better understanding of the basic principles of Marine Biology and fulfills the general education lecture requirement for the life sciences. Emphasis is placed on how the scientific method is used to investigate the chemical, physical, and geological properties of the marine environment. Students will learn to distinguish among the diverse organisms and habitats that comprise the ocean's ecosystems. An introduction to the structure and function of marine ecosystems is provided and the impact of human activity on those systems will be addressed.<br>

**BIOL 111L**

**Marine Biology Laboratory**

1 Credits/<b>(Formerly BIOL 011L)<br>Prerequisite/Corequisite:/b> BIOL 111<br>Advisory:/b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment<br>Transfers to:/b> UC, CSU<br>This laboratory course complements the Marine Biology lecture course and is designed for the student interested in furthering their understanding of the marine environment and its organisms, with emphasis on marine life of the local coasts. The scientific method will be employed to investigate the chemical and physical properties of seawater, the role of pigments in marine algae, the behavior of marine organisms, the basic classification and morphology of marine producers, invertebrates and vertebrates, and adaptations of organisms to specific habitats. Students will use basic laboratory equipment and techniques in both classroom and field-based investigations. Field trips to coastal marine habitats and public aquaria are conducted.<br>

**BIOL 120**

**Environmental Biology**

3 Credits/<b>(Formerly BIOL 020)<br>Advisory:/b> ENGL 101; READ 023 or appropriate assessment; MATH 050 or appropriate assessment<br>Transfers to:/b> UC, CSU<br>Utilizing basic biological concepts, an interdisciplinary approach is used to address environmental challenges. Topics addressed may include ecosystem characteristics and functions, population dynamics, energy and material resource use, pollution, and alternative energy sources. Students in many disciplines will benefit from this course as the social, political, and economic...
implications of environmental decisions are addressed. This course fulfills the general education requirement in life sciences.<br>

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**BIOL 120L**

**Environmental Biology Laboratory**

1 Credit | (Formerly BIOL 020L)|
---|---|
Prerequisite/Corequisite: BIOL 120<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment<br>Transfers to: UC, CSU

This laboratory course compliments the Environmental Biology lecture course and is designed for students interested in furthering their understanding of the environmental sciences. The scientific method will be employed to investigate ecosystems and their functions, natural selection, population interactions, environmental toxicology, radiation exposure effects, soil and groundwater systems, water pollution, alternative energy systems, and environmental resistance.<br>

<table>
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<tr>
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<td>Oscar Rivas</td>
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**BIOL 125**

**Human Anatomy**

4 Credits | (Formerly BIOL 025)|
---|---|
Prerequisite/Corequisite: BIOL 101<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment<br>Transfers to: UC, CSU

This course is primarily a systems approach to the study of human body structure. The study of each body system includes structural specializations and functions from the microscopic to the system level emphasizing the interdependence of form and function. Additional topics include methods of anatomical study, human genetics, and embryonic development. The laboratory exercises will also include vertebrate dissections. This course is intended for students preparing to enter careers in the health sciences.<br>

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BIOL 200
Principles of Biology 1 (Molecular and Cellular Biology)

5 Credits/(Formerly BIOL 001A)<p>Prerequisite: CHEM 120 and MATH 070 or MATH 070D or MATH 073 or appropriate assessment</p><p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment</p><p>Transfers to: UC (credit limit*), CSU</p><p>(*Students will receive credit from UC for only one of the following courses: BIOL 101 or BIOL 200)</p>This course is first in a sequence of courses for undergraduate preparation for biology majors. Areas of focus include cellular and molecular biology, bioenergetics, genetics, evolution and ecology. The laboratory portion of the course emphasizes scientific methodologies focusing on observations, experimentation, record keeping, data collection and analysis, and presentation of outcomes. The course sequence also provides excellent preparation for those students intending to pursue post-graduate studies in the medical sciences.<br>

BIOL 222
Microbiology

5 Credits/(Formerly BIOL 022)<p>Prerequisite: CHEM 110</p><p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; BIOL 101</p><p>Transfers to: CSU</p>The course encompasses the biology of microorganisms with an emphasis on the role of bacteria and viruses on human health and disease. Other topics include resistance and immunity to disease, basic biological principles, microbial genetics and physiology, the harmful and useful aspects of microorganisms in nature, medicine and industry. Laboratory exercises emphasize sterile culture techniques, the detection, isolation and identification of microorganisms. This course is intended for students preparing to enter careers in the health sciences.<br>

BIOL 226
Human Physiology

4 Credits/(Formerly BIOL 026)<p>Prerequisite: BIOL 125 and CHEM 110</p><p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; BIOL 101</p><p>Transfers to: UC, CSU</p>Human Physiology provides a general introduction to the function and regulation of human body systems. Physiological integration of the systems to maintain homeostasis and the significance of biochemistry is emphasized throughout the course. Course content will include neural and hormonal homeostatic control mechanisms, and a study of the musculoskeletal, circulatory, respiratory, digestive, urinary, immune and endocrine systems. Laboratory exercises will allow students to gather physiological data and draw conclusions on how physiological mechanisms are regulated. This course is intended for students preparing to enter careers in the health sciences.
## BUSL 110

**Legal Environment of Business**

3 Credits<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment Transfers to: UC (*credit limit), CSU (*Students will receive credit from UC for only one of the following courses: BUSL 110 or BUSL 220)<br>This course examines the legal regulatory, and international environment of business. Included are the topics of alternative dispute resolution, the forms of business organization, regulations affecting employment, and current environmental statutes. Case studies are used to discuss torts, crimes, contracts and sales, warranty and product liability, labor law, employment discrimination, and environmental law.

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## CD 102

**Nutrition, Health and Safety for Children**

3 Credits<br>(Formerly ECE 102, ECE 033)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment Transfers to: CSU<br>This course is designed for students interested in working in group care and educational programs that enroll children from infancy to early adolescence. The course focuses on preventive health and safety practices in group care environments for both children and adults and integration of these practices into everyday program planning and development. Introduction will also be provided regarding the laws, regulations, standards, policies and procedures and child development curriculum related to child nutrition, health and safety. Topics will include prevention and recognition of infectious disease, immunization, dental and mental health, child nutrition, menu planning, sanitary food handling, prevention of injury, emergency preparedness and evacuation, providing services for children with special needs and child abuse prevention, identification and reporting responsibilities. The importance of program collaboration with families and health professionals will also be addressed. This course meets the Department of Social Services Classification Indicator DS7 and the State of California Department of Education Title V Child Development Permit.

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## CD 103

**Parenting**

3 Credits<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment Transfers to: CSU<br>This course is designed for students who are interested in gaining...
information to understand and work effectively with parents and to understand the parent child relationships in their own lives. The course provides a framework for topics pertinent to current parenting concepts. The following topics will be explored and examined: understanding the parenting process from infancy to adulthood, parenting in diverse culture, various life styles and family structures, alternatives to biological parenting and understanding high risk families.<br>

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**CD 106**

**Child Growth and Development**

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; Transfers to: UC (credit limit *), CSU (*Students will receive credit from UC for only one of the following courses: CD 106 or PSY 112) This course provides an overview of human growth from conception to adolescence. The theories of development relevant to life through the teenage years are introduced and the social, emotional, cognitive and physical aspects of these early stages of life are addressed. This course is appropriate for students preparing for a profession working with children and their families or those interested in furthering their understanding of child and adolescent development. This course is also designed to meet the Department of Social Service Classification Indicator DS1 and applies toward the State of California Title V requirement for the Child Development Permit.<br>

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**CD 110**

**Principles and Practices of Early Childhood Education**

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; Transfers to: CSU This course is designed for students desiring to work in educational programs for children from birth to age eight. The course is an examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationship, constructive adult-child interaction and teaching strategies in supporting physical, social, creative and intellectual development for all children. This course includes a review of the historical roots or early childhood programs and the evolution of the professional practices promoting advocacy, ethics and professional identity. This course meets the Department of Social Services Classification Indicator DS3 and the State of California Department of Education Title V Child Development Permit.<br>

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**CD 111**

**Early Childhood Education Curriculum**

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate
assessments. Transfers to: CSU

This introductory course presents current concepts in childhood curriculum development and implementation. The student will design curriculum based on observation and assessment of young children to support play and learning using developmental, inclusive and anti-bias principles in collaboration with families to support all children; demonstrate knowledge of the teachers’ role in evaluating best practices and apply understanding of children’s learning and development. This course is meant for students who plan to create and implement children’s educational programs. This course is also designed to meet the State of California Title 22 Department of Social Service Classification Indicator DS3 and applies toward the State of California Title V requirements for the Child Development Permit.

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**CD 114**

**Observation and Assessment**

3 Credits | Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

This course is designed for students working towards a Child Development permit. The course focuses on appropriate use of assessment and observation strategies to document development, growth, play and learning in order to join with families and professionals in promoting children’s success and maintaining quality programs. Recording strategies, rating systems, portfolios, and multiple assessment methods are explored. Advantages and disadvantages of observation techniques, observer bias and cultural considerations are discussed. This course meets the Department of Social Services Classification Indicator DS 3 and applies toward the State of California Title V requirement for the Child Development Permit.

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**CD 115**

**Creative Art Experiences for Children**

3 Credits | (Formerly ECE 115) | Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

This course is appropriate for students interested in facilitating and supporting creativity in group care and educational environments for children. The course provides a comprehensive study of creativity and its impact on child development. A developmental perspective will be utilized as students explore creative art and its impact on the whole child, the artistic development process, aesthetics, the elements of art, specific art program approaches, artistic styles, facilitating and supporting creative art experiences for children, art assessment techniques and specific art experiences. The course meets State of California Commission on Teacher Credentialing requirements for the Child Development Permit and Department of Social Service Classification Indicator DS3.

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<td>1900 - 2210</td>
<td>Nancy Mazurek</td>
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**CD 119**

**Music and Movement for Children**

3 Credits | (Formerly ECE 119) | Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment

This course offers a framework for providing developmentally appropriate music and movement principles and experiences for children birth to early adolescence. The developmental characteristics of movement and music abilities will be outlined along with the basics...
of movement and music education. Students will participate in music and movement related activities. This course is designed for students interested in working with children in group care and educational programs. The course meets the Department of Social Services Classification Indicator DS3 and applies towards the State of California Department of Education Title V Child Development Permit.<br>

73208  CLAS  8/24/13 - 12/14/13  W  1900 - 2210  Jennifer Paris  A208

**CD 208**

**Child, Family and Community**

3 Credits/(Formerly ECE 208)<p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> UC, CSU<p>This course is designed for students desiring to work with children in a group setting, as well as for parents and others who wish to further their understanding of how the socio-cultural environment affects the developing child. The course examines the historical and contemporary interrelationship of family, school and community on child development. The process of socialization and identity formation will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families. This course meets the Department of Social Services Classification Indicator DS2 and the State of California Department of Education Title V Child Development Permit.<br>

70072  CLAS  8/24/13 - 12/14/13  TR  1115 - 1240  Patricia Kepner  S220
70073  CLAS  8/24/13 - 12/14/13  MW  1115 - 1240  Carol Sigala  A208
71481  CLAS  8/24/13 - 12/14/13  T  1900 - 2210  Jennifer Paris  A208

**CD 210**

**Adult Supervision**

3 Credits/(Formerly ECE 099)<p><b>Prerequisite:</b> CD 106, CD 110, CD 208<p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> CSU<p>This course is designed for students who wish to develop the skills to effectively supervise staff working in children's educational programs. The course is a study of the methods and principles of supervising student teachers, assistant teachers, parents and volunteers in early childhood/child development classrooms. Emphasis is on the role of the classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, parents and other staff. This course meets the requirements for a course in adult supervision for the Child Development Permit.<br>

70076  CLAS  8/24/13 - 12/14/13  M  1900 - 2210  Sondra Moe  CDC5

**CD 213**

**Developing and Implementing Infant/Toddler Curriculum**

3 Credits/(Formerly ECE 213)<p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> CSU<p>This course will prepare students for a position working with infants and toddlers in a group setting. The course presents the elements of a quality infant and toddler program. Topics covered will include the theories of growth and development, laws and regulations governing group programs, program quality standards, and the significance of the caregiver's relationship to the child. The course meets State of California Commission on Teacher Credentialing requirements for the Child Development Permit and Department of Social Service Classification Indicator DS4.<br>

73209  CLAS  8/24/13 - 12/14/13  MW  1250 - 1415  Kelly Lynch  CDC5
Diversity Issues During Early Childhood, School Age and Adolescence

3 Credits/(Formerly ECE 124, ECE 024)/p><b>Advisory:</b> ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> CSU<p>This course addresses the similarities, variety and multiplicity found within programs and educational settings for Young Children, School Age Children and Adolescents. Topics covered include: family values, culture, race, gender, social class, sexual preference, language and abilities. Focus will also be placed on developmental appropriateness in addressing diversity, parental perspectives and the effects of diversity on the domains of development. This course is designed for students wishing to work in children's programs and educational settings. This course meets the Department of Social Services Classification Indicator DS 3 and applies towards the State of California Department of Education Title V Child Development Permits.<br>

70077  CLAS 8/24/13 - 12/14/13  MW 1115 - 1240  Kelly Lynch  CDC5
73211  CLAS 8/24/13 - 12/14/13  W  1800 - 2110  Su-Chen Sueng  SW105

CD 226
Introduction to Special Education

3 Credits/(Formerly ECE 226, ECE 026)/p><b>Advisory:</b> ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> CSU<p>This course introduces students to the field of special education. Instruction will focus on understanding basic strategies for working with children, birth to early adolescence, that are at-risk or have a diagnosed disability. Issues related to family dynamics and education resources and strategies will also be discussed. Public policy requires that children with special needs are learning in environments with their same-age peers. This course will prepare students who wish to work in children's programs or educational environments to facilitate the learning and development of children with special needs. Applies toward the State of California Teacher Credentialing requirements for the Child Development Permit.<br>

70079  CLAS 8/24/13 - 12/14/13  TR 0940 - 1105  Kelly Lynch  CDC5

CD 228
Early Childhood Education Practicum

3 Credits/(Formerly ECE 228, ECE 028A)/p><b>Prerequisite:</b> CD 106, CD 110, CD 111, CD 114 and CD 208<br><b>Advisory:</b> READ 023 or appropriate assessment<br><b>Transfers to:</b> CSU<p>In this capstone course the student will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of Child Development faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. This course is designed for students looking for a supervised field/laboratory experience in an early childhood setting. The course meets The Department of Social Services Classification Indicator DS3 and applies towards the State of California Department of Education Title V Child Development Permits.<br>

70080  ARR 8/24/13 - 12/14/13  Sondra Moe
    CLAS 8/24/13 - 12/14/13  T 1250 - 1455  Sondra Moe  CDC5

CD 232
Educating Children with Special Needs
3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment. Transfers to: CSU

This course will prepare students and parents to participate in the planning and implementation of programming for children with special needs. The course focuses on supporting the educational process of children with special needs within group settings utilizing multidisciplinary approaches that incorporate the family in the planning and implementation of programming. Topics will include assessment, diagnosis, appropriate placement, individualized program planning and educational approaches and adaptations. Criteria outlined by laws regarding Special Education and court rulings will be addressed along with the issue of program accountability. The course meets State of California Commission on Teacher Credentialing requirements for the Child Development Permit and Department of Social Service Classification Indicator DS3.

CHEM 110
Chemistry for Allied Health Majors

5 Credits/(Formerly CHEM 010)/Prerequisite: MATH 050 or MATH 050D or appropriate assessment/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; Concurrent enrollment in MATH 070 or MATH 070D. Transfers to: UC (credit limit*), CSU

(* The UC will grant credit for only one of the following courses: CHEM 110, CHEM 120)

This course provides an introduction to the fundamental concepts of general, organic, and biological chemistry, and is especially appropriate for students intending to pursue a career in nursing and other health-related professions, including kinesiology and psychology. Emphasis is placed on the relationship between chemistry and the health/medical sciences. Weekly laboratory activities require students to empirically verify concepts presented in lectures. No previous background in chemistry is required or expected of students enrolling in this course.

CHEM 120
Introduction to Chemistry

5 Credits/(Formerly CHEM 090)/Prerequisite: MATH 070 or MATH 070D with a grade of "C" or appropriate assessment/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment. Transfers to: UC (credit limit*), CSU

(* The UC will grant credit for only one of the following courses: CHEM 110, CHEM 120)

This one-semester course is designed for students intending to pursue a career in nursing and other health-related professions, including kinesiology and psychology. Emphasis is placed on the relationship between chemistry and the health/medical sciences. Weekly laboratory activities require students to empirically verify concepts presented in lectures. No previous background in chemistry is required or expected of students enrolling in this course.
CHEM 130

General Chemistry

5 Credits (Formerly CHEM 001A)<p>Prerequisite:CHEM 120 with a grade of "C" or better<br>Advisory:ENGL 101; READ 023 or appropriate assessment; MATH 175 or appropriate assessment<br>Transfers to:UC, CSU</p>CHEM 130 is the first semester of a two semester sequence designed for students intending to major in science and engineering. The lecture course covers classical/modern chemistry, with applications, in stoichiometry and classical atomic theory of chemistry, periodic properties, gas laws, modern quantum theory of atomic and molecular structure and periodic properties, thermochemistry, liquids and solids, solution chemistry. The laboratory introduces experimental chemistry with examples from all areas of chemistry.<br>

CHEM 131

General Chemistry

3 Credits (Formerly CHEM 001B)<p>Prerequisite:CHEM 130 with a grade of "C" or better<br>Advisory:ENGL 101; READ 023 or appropriate assessment; MATH 180 or appropriate assessment<br>Transfers to:UC, CSU</p>CHEM 131 is a continuation of CHEM 130. Theory and techniques of elementary physical chemistry are stressed. Emphasis is placed on the dynamics of chemical change using thermodynamics and reaction kinetics as the major tools. A thorough treatment of equilibrium is given, with many examples of solubility, acid-base, and redox equilibria, including electrochemical concepts. Brief introductions to organic and nuclear chemistry are presented. Various analytical techniques used in modern chemistry are introduced. Descriptive chemistry of representative metallic and nonmetallic elements is included.
CHEM 131L

General Chemistry

2 Credits/ Formerly CHEM 001BL/Prerequisite/Corequisite: CHEM 131 or completion of CHEM 131 within one calendar year prior to enrollment in CHEM 131L/Advisory: ENGL 101; READ 023 or appropriate assessment/Transfers to: UC, CSU/This laboratory course is designed to be taken concurrently with CHEM 131. Experiments are used that show the relationship between experimental measurement and chemical theory and may include exercises on kinetics, equilibrium, electrochemistry, basic nuclear and organic chemistry, acid-base theory, and qualitative analysis. Modern instrumental methods are used in some exercises. Experiments are designed to encourage and require the student to do some preparing prior to the laboratory period. Quantitative thinking and procedures are introduced early and emphasized throughout the course.

CHEM 230

Organic Chemistry I

5 Credits/Formerly CHEM 012A/Prerequisites: CHEM 131 and CHEM 131L with a grade of "C" or better/Transfers to: UC, CSU/This course, the first of a two-semester sequence, provides a rigorous introduction to the practical and theoretical aspects of organic chemistry. Several topics will be explored in depth, including molecular structure and hybridization, applications of acid/base theory to organic compounds, stereochemistry, alkanes, alkenes, alkynes, dienes, substitution and elimination reactions, and spectroscopic methods of analysis (e.g. IR, UV/VIS, NMR). Particular emphasis will be placed on thermodynamic and kinetic aspects of reactions and detailed examination of reaction mechanisms. Laboratory exercises are designed to provide students with a solid foundation in the essential techniques of organic chemistry, including the determination of melting points, thin-layer and column chromatography, extraction, distillation, and spectroscopic analysis of products. This course is appropriate for students majoring in chemistry, biological sciences, and chemical engineering, and satisfies the admissions requirements for medical, dental, veterinary, and other health-related graduate programs.

CHIN 101

Chinese I

4 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment/Transfers to: UC, CSU/This course provides the student with an introduction to the Chinese language and culture. The course stresses oral and written proficiency through fundamental use of Chinese pronunciation and the Pinyin Spelling System. Students will also receive an introduction to Chinese characters. In addition to classroom discussion, students receive intensive individualized oral-aural practice in the language laboratory via interactive websites, audio CDs, video programs, and CD ROMs. Various facets of Chinese history, culture and civilization will also be analyzed via cross-cultural comparisons. This course is intended for those interested in learning to speak Chinese as well as for those seeking a degree in the Chinese language.
Introduction to Chicano Studies

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

This is an introductory course that examines the historical and contemporary experiences of Chicanos in American society. Topics include the formation of Chicano identity, the Chicano Movement, and current government policies affecting this group. Students interested in this course may include individuals with familial or personal connections to the Chicano (Mexican-American) community and/or those intending to work in environments with high concentrations of this population.

CHST 146

The Mexican American in the History of the U.S.

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

The course is a survey of U.S. history from the end of the nineteenth century to the present with an emphasis on the Mexican American's social, economic, and political development. It also reviews American political development leading to the adoption of the U.S. Constitution, examines the principles of the U.S. Constitution, and analyzes U.S. political systems as they pertain to the Mexican American experience. This course is designed for students interested in exploring familial and/or personal connections to the Chicano (Mexican American) community and/or those intending to work in environments with high concentrations of this population.

CHST 148

La Chicana: The Contemporary Mexican-American Female (Same as SOC 148)

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

The introductory course will examine the ethnic identity formation of the Mexican-American woman. The students will analyze the employment, education, religious, family, historical and cultural influences present in the lives of Mexican-American females. This course is appropriate for students interested in furthering their understanding of the social construction of the Mexican-American woman.

CHST 150

Chicano Politics (Same as POLS 150)

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

This course examines U.S. history and political issues relevant to the Chicano/Latino community, provides an overview of Chicano/Latino demographics in the U.S. examines Chicano/Latino political activism and the rise of Chicano/Latino political leadership. This is an entry level course serving as an elective for both the Political Science and Chicano Studies majors.

CIT 101

Introduction to Computer Information Technology
3 Credits/(Formerly IS 101)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CIT 100A Transfers to: UC, CSU<p>This is an introductory computer course, which offers students both fundamental computer concepts and training in spreadsheets and database microcomputer applications. Topics include the importance of computers in business and society, the information processing cycle, the Internet, communication and networks, the latest hardware and software developments, and planning a career as a computer professional or a computer user. This is the basic computer course designed for Business majors.<br>

71005 CLAS 8/24/13 - 12/14/13 T 1900 - 2210 John Cameron B117
71009 CLAS 8/24/13 - 12/14/13 MW 1115 - 1240 Rodolfo Rios B117
71027 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Anil Muhammed B117
71030 CLAS 8/24/13 - 12/14/13 W 1900 - 2210 Anil Muhammed B117
71037 CLAS 8/24/13 - 12/14/13 M 1900 - 2210 Alexia Sokol B117
71230 CLAS 8/24/13 - 12/14/13 TR 1115 - 1240 Rodolfo Rios B117
71231 CLAS 8/24/13 - 12/14/13 TR 0940 - 1105 Rodolfo Rios B117
71232 CLAS 8/24/13 - 12/14/13 MW 0940 - 1105 Rodolfo Rios B117
71263 CLAS 8/24/13 - 12/14/13 MW 0805 - 0930 Shin Liu B117
72865 CLAS 8/24/13 - 12/14/13 TR 0805 - 0930 Alexia Sokol B117
73338 CLAS 8/24/13 - 12/14/13 MW 1000 - 1125 Alexia Sokol El Monte Educational Center

CIT 102

Introduction to Microsoft Office

3 Credits/(Formerly CIT 072)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CIT 100A Transfers to: CSU<p>This course is intended as an introduction for students wanting to learn the latest version of the integrated program suite of Microsoft Office Professional. The student will be provided with the basics of each of the programs in the suite - Word, Excel, Access, PowerPoint, and Outlook as well as their Internet integration. In addition, an introduction to fundamental computer concepts will be presented including hardware and software basics, file management, computer networks and communications.<br>

71035 CLAS 8/24/13 - 12/14/13 T 1900 - 2130 Rodolfo Rios B115
LAB 8/24/13 - 12/14/13 R 1900 - 2025 Rodolfo Rios B115

CIT 107

Introduction to Microsoft Excel

1.5 Credits/(Formerly CIT 082)<p>Advisory: CIT 101 Transfers to: CSU<p>This is an introductory microcomputer spreadsheet applications course, which will provide instruction in the use of the latest version of spreadsheet software for business applications. Students will learn to manage financial data, develop formulas and use functions with proper syntax, create charts and graphs, and build Web pages from worksheets. This course is intended for students desiring to complete the requirements for the Computer Information Technology Microcomputer Specialists Degree or professionals wanting an introduction to Microsoft Excel.<br>

73297 CLAS 8/24/13 - 10/18/13 M 1900 - 2105 John Cameron B115
LAB 8/24/13 - 10/18/13 W 1900 - 2210 John Cameron B115

CIT 108

Advanced Microsoft Excel
1.5 Credits (Formerly CIT 083)<br><p>Prerequisite: CIT 107<br>Advisory: CIT 115<br>Transfers to: CSU<br>This is an advanced microcomputer spreadsheet applications course, which will provide instruction in the use of the latest version of spreadsheet software. Students will learn to integrate Excel with other Windows programs and the World Wide Web, create Excel tables, PivotTables and PivotCharts, build Excel applications using macros and buttons, and enhance workbooks with Visual Basic. This course is intended for students desiring to complete the requirements for the Computer Information Technology Computer Systems Degree, or professionals wanting to learn the advanced functions and programming features of Microsoft® Excel®.</p> 71008  CLAS  10/19/13 - 12/14/13  M  1900 - 2105  John Cameron  B115  LAB  10/19/13 - 12/14/13  W  1900 - 2210  John Cameron  B115  

CIT 109
Introduction to Microsoft Access
1.5 Credits (Formerly CIT 080)<br><p>Advisory: READ 023 or appropriate assessment; CIT 101<br>Transfers to: CSU<br>This is an introductory microcomputer database applications course, which will provide instruction in the use of the latest version of database software for business applications. Students will learn to create and modify tables, build table relationships, add and edit records, create forms for data entry, and produce simple queries and reports. This course is intended for students desiring to complete the requirements for the Computer Information Technology Degree or professionals wanting an introduction to Microsoft Access.</p> 73326  CLAS  8/24/13 - 10/18/13  MW  0940 - 1105  Jon Whitford  B115  

CIT 110
Advanced Microsoft Access
1.5 Credits (Formerly CIT 081)<br><p>Prerequisite: CIT 109<br>Advisory: READ 023 or appropriate assessment<br>Transfers to: CSU<br>This is an advanced microcomputer database applications course, which will provide instruction in the use of the latest version of database software with emphasis on the software as a programming tool. Students will learn advanced query functions, custom forms design for data entry, custom report writing, and sharing and integrating data with Web pages. This course is intended for students desiring to complete the requirements for the Computer Information Technology Computer Systems Degree or professionals wanting to learn the programming features of Microsoft Access for managing databases.</p> 71265  CLAS  10/19/13 - 12/14/13  MW  0940 - 1105  Jon Whitford  B115  

CIT 111
Introduction to Programming
3 Credits (Formerly CIT 097)<br><p>Advisory: MATH 050 or appropriate assessment<br>Transfers to: CSU<br>This course is designed to develop the problem-solving abilities of the student who intends to continue in the computer field. Various techniques used will include hierarchy diagrams, data flow diagrams, flow-charting, data diagrams, and pseudo code. This course will also include information on Microsoft Visual Studio.NET’s integrated development environment (IDE).</p> 71266  CLAS  8/24/13 - 12/14/13  TR  0940 - 1105  Jon Whitford  B116  73330  CLAS  8/24/13 - 12/14/13  M  1900 - 2210  Kathy Guan  B116  

CIT 115
VB.NET Programming - Introduction
CLASS SCHEDULE
Fall 2013

4 Credits/(Formerly IS 115)<p>Advisory: READ 023 or appropriate assessment; CIT 111</p>Transfers to: UC, CSU<p>This course is intended for students desiring to complete the requirements for the Computer Information Technology Degree or professionals wanting an introduction to Visual Basic Programming. This course will cover the fundamentals of software development using the most popular language – Visual Basic. Course topics include: designing programs, writing the source code, compiling, linking, executing and debugging programs, data types, arithmetic/logical expressions, procedures, decisions, repetition, arrays, processing sequential files, processing random access files, graphical display, controls and objects.</p>

71309  CLAS  8/24/13 - 12/14/13  MW  0940 - 1145  Shin Liu  B114

CIT 125

C++.NET Programming - Introduction

4 Credits/(Formerly IS 125)<p>Advisory: READ 023 or appropriate assessment; CIT 111</p>Transfers to: UC, CSU<p>This course is intended for students desiring to complete the requirements for the Computer Information Technology Degree or professionals who want to continue developing their programming skills using Visual C++ programming language. This course will cover the fundamentals of software development using the most popular language: C++. The topics covered include: designing, writing the source code, compiling, linking, executing, debugging, data types, arithmetic/logical expressions, pointers, looping, branching, classes, objects and static and dynamic memory allocation.</p>

71310  CLAS  8/24/13 - 12/14/13  S  0800 - 1215  Shin Liu  B115

CIT 126

C++ Programming - Advanced

4 Credits/(Formerly IS 126)<p>Prerequisite: CIT 125</p>Advisory: READ 023 or appropriate assessment<p>This course is intended for students desiring to complete the requirements for the Computer Information Technology Degree or professionals who want to continue developing their programming skills using an object-oriented programming language. This course will review the fundamentals of software development and cover the advanced programming skills using the C++ language. Advanced topics include: classes and data abstraction, operator overloading, inheritance, virtual function and polymorphism, stream I/O and Exception Handling.</p>

73339  CLAS  8/24/13 - 12/14/13  T  1800 - 2215  Rajiv Singh  B116

CIT 135

Introduction to Java Programming

4 Credits<p>Advisory: READ 023 or appropriate assessment; CIT 111</p>Transfers to: UC, CSU<p>This course is intended for students desiring to complete the requirements for the Computer Information Technology Degree or professionals wanting an introduction to Java Programming. This course will cover the fundamentals of software development using the most popular Open Source language – Java. Course topics include: program design, algorithms, writing and testing source code, arithmetic/logic expressions, control structures, objects and basic Java structures.</p>

71312  CLAS  8/24/13 - 12/14/13  S  1230 - 1645  Shin Liu  B115

CIT 152

Introduction to Web Page Design for Business
3 Credits/
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment; MATH 030 or appropriate assessment; CIT 150
Transfers to: CSU
This course provides students with an understanding of the fundamentals of HTML (Hyper Text Markup Language) programming to design Web pages. Students will create custom Web pages for personal Internet and business Intranet environments. Java Script and MS FrontPage 2000 will also be included.

71267  CLAS  8/24/13 - 12/14/13  TR  1115 - 1240  Jon Whitford  B116

CIT 180
PC Maintenance-Hardware

4 Credits/
Prerequisite: CIT 101
Advisory: READ 023 or appropriate assessment
Transfers to: CSU
This course will prepare students with the necessary competencies of an entry-level IT professional with hands-on experience and theory in computer technology, networking and security. The student will also learn communication skills and professionalism now required of all entry-level IT professionals. This course is intended for IT students wishing to prepare for the CompTIA A+ Essentials and CompTIA A+ Practical Application examinations, the two exams required to achieve CompTIA A+ certified status.

73300  CLAS  8/24/13 - 12/14/13  M  1800 - 2110  Rodolfo Rios  B114
LAB  8/24/13 - 12/14/13  W  1800 - 2110  Rodolfo Rios  B114

CIT 210
Telecommunications in Information Systems

3 Credits/
Advisory: READ 023 or appropriate assessment; CIT 101
Transfers to: CSU
This is a course designed to familiarize the student with the terminology and capabilities of data communications systems. Mastery of this material will enable participation in decisions regarding alternative configurations of data communications components. This course specifically covers that part of telecommunications that relates to computer systems, or the electronic transmission of computer data. Students will be expected to complete case assignments outside of class.

71314  CLAS  8/24/13 - 12/14/13  MW  1200 - 1325  Shin Liu  B114

CIT 290
Cooperative Work Experience/Internship for Computer Technology Related Fields

1 Credits/
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course supports and reinforces on-the-job training in business and industrial establishments under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is related to the field of Business Management and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures." Student Unpaid Internship: 1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours
Student Paid Internship: 1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.

72937  ARR  8/24/13 - 12/14/13  Rodolfo Rios  B100
    CLAS  8/24/13 - 12/14/13  Rodolfo Rios  B100
**CLASS SCHEDULE**

**Fall 2013**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Advisory</th>
<th>Transfers to:</th>
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<tbody>
<tr>
<td>CIV 140</td>
<td>Civil Drafting Fundamentals</td>
<td>3</td>
<td>ENGT 101 or two years of high school drafting; ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment.</td>
<td>CSU</td>
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<td>This course is for all students interested in the career field of Civil Design Drafting and Civil Engineering. The course is a study of civil design drafting practices and the preparation of drawings used in the civil engineering field. Students will use Computer Aided Drafting (CADD) software to complete projects relating to interpretation of survey data, profiles and cross sections, land subdivision, site and grading plans, underground utilities and structures, concrete and structural detailing.</td>
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</tr>
<tr>
<td>CIV 142</td>
<td>Introduction to Surveying and GPS</td>
<td>4</td>
<td>ENGL 035 or ENLA 100 or appropriate assessment; MATH 050 or appropriate assessment; CIT 102</td>
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<tr>
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<td>Transfers to: The course is for all students interested in the career field of Civil Design Drafting, Surveying/Mapping, and Civil Engineering. Introduction to Surveying and GPS will cover the principles and practices of land surveying which will include the measuring of distance, direction, elevation and position, topographic mapping, and use and care of surveying equipment. The fundamentals of global positioning systems (GPS) and their applications in land surveying will also be introduced. This course will also be beneficial for those in the construction industry who need to acquire property data.</td>
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</tr>
<tr>
<td>CIV 290</td>
<td>Cooperative Work Experience/Internship for Civil Related Fields</td>
<td>1</td>
<td>ENGL 035 or ENLA 100 or appropriate assessment&lt;br&gt;Transfers to: This course supports and reinforces on-the-job training in business and industrial establishments under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is in civil engineering design / drafting related fields and have completed or enrolled in the appropriate coursework. Instructor approval is needed to remain in the class. &quot;Contact the CWE office regarding re-enrollment procedures&quot;.</td>
<td>CSU</td>
</tr>
</tbody>
</table>

**Student Unpaid Internship:**
1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours

**Student Paid Internship:**
1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.
### CORR 101

**Introduction to Corrections**

3 Credits

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course is designed to provide Corrections or other interested students with an overview of the history and trends of adult and juvenile corrections. It will focus on probation, parole, legal issues, specific laws and the general operation of correctional institutions. The relationship between corrections and other components of the justice system will also be examined. The course has been identified by the Correctional Peace Officer Standards and Training Board of the Peace Officers Association to fulfill educational requirements of the CPOST Certificate for newly hired officers after July 1, 1995 by CDC and CYA.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Start Date - End Date</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>70425</td>
<td>CLAS</td>
<td>8/24/13 - 12/14/13</td>
<td>Dan Petropulos</td>
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<tr>
<td>70426</td>
<td>VC</td>
<td>8/24/13 - 12/14/13</td>
<td>Barry Dineen</td>
</tr>
<tr>
<td>70427</td>
<td>VC</td>
<td>10/19/13 - 12/14/13</td>
<td>Sandra Kimber</td>
</tr>
</tbody>
</table>

### CORR 104

**Control and Supervision in Corrections**

3 Credits

(Formerly C/SS 104)

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CORR 101

Transfers to: CSU

This course is designed to provide Corrections or other interested students with an overview of supervision of inmates in the local, state and federal correctional institutions. The issues of control in a continuum form of institutional daily living through crisis situations will be introduced and discussed. The course will emphasize the role played by the offender and the correctional worker. Topics include inmate subculture, violence and effects of crowding on inmates and staff, and coping techniques for correctional officers in a hostile prison environment. The causes and effects of abusive tactics will also be discussed. The course has been identified by the Correctional Peace Officer Standards and Training Board of the California Department of Corrections, California Youth Authority, and California Correctional Peace Officers Association to fulfill educational requirements of the CPOST Certificate for newly hired officers after July 1, 1995 by CDC and CYA.

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<tr>
<td>70428</td>
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<td>Arnold Adauto</td>
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<td>70429</td>
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<td>10/19/13 - 12/14/13</td>
<td>Tarek Azmy</td>
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<tr>
<td>73312</td>
<td>CLAS</td>
<td>8/24/13 - 12/14/13</td>
<td>James Bland</td>
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</table>

### CORR 106

**Legal Aspects of Corrections**

3 Credits

(Formerly C/SS 106)

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CORR 101

Transfers to: CSU

This course is designed to provide Corrections or other interested students with an awareness of the historical framework, concepts, and
precedents that guide correctional practice. Course material will broaden the individual’s perspective of the corrections environment, civil rights of prisoners, and responsibilities and liabilities of corrections officials. This course has been identified by the Correctional Peace Officer Standards and Training Board of the California Department of Corrections, California Youth Authority, and California Correctional Peace Officers Association to fulfill educational requirements of the CPOST Certificate for newly hired officers after July 1, 1995 by CDC and CYA.

CORR 134
Introduction to Interviewing and Counseling
3 Credits/(Formerly C/SS 134)<p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CORR 101<p><b>Transfers to:</b> CSU<p>This course is designed to provide Corrections or other interested students with an overview of the techniques available to entry level practitioners in counseling and interviewing. While it is an introduction to approaches of behavior modification through interviewing and counseling, some of the advanced methods utilized by professional counselors such as game concepts, transactional analysis, sensitivity and confrontation methods will also be examined. The development of positive relationships between the client and support personnel will be stressed.

CORR 210
Supervision in Public Safety
3 Credits/<b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<p><b>Transfers to:</b> CSU<p>This course is designed to provide Corrections or other interested students with an overview of the characteristics needed to be an effective supervisor in a correctional setting. Topics include basic supervisory responsibilities, the importance of effective interpersonal communications, and managing personnel complaints in a prison setting.

CORR 235
Conflict Resolution
3 Credits/(Formerly C/SS 035)<p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<p><b>Transfers to:</b> CSU<p>This course is designed to provide Corrections or other interested students with an in-depth understanding of conflict situations in which abnormal or non-normal behavior is manifested. Topics covered include concepts of anxiety, fear, frustration, hostility, aggression, motivation and manipulation roles. Minorities, crowd and mob interaction, alcohol, drugs, sexual problems, character, neurotic and psychotic disorders, youthful offenders, stress of incarceration, and brain disorders will also be discussed.

CORR 264
Inmate Discipline in Corrections
3 Credits/<b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101<p><b>Transfers to:</b> CSU<p>This course is designed to provide Corrections or other
interested students with the correctional process of inmate discipline. Topics covered include due process, disciplinary process, disciplinary reports, findings and disposition. The curriculum covered is recommended by the California Commission on Peace Officer Standards and Training.<br>

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<th>Dates</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>70435</td>
<td>VC</td>
<td>8/24/13 - 12/14/13</td>
<td>Sandra Kimber</td>
</tr>
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</table>

**CORR 265**

**Supervision of Sex Offenders**

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101<br>Transfers to: CSU<br>This course is designed to provide California Peace Officers or other interested students with instruction into the correctional process of supervision of inmates who have been convicted of sex offenses. Topics include human sexuality and dysfunctions, theories of sexual offense, offender typologies and supervision techniques. The curriculum follows that recommended by the California Commission on Peace Officer Standards and Training and the California Corrections Commission on Peace Officer Standards and Training.<br>

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<tr>
<th>Code</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>70436</td>
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<td>8/24/13 - 12/14/13</td>
<td>David Balch</td>
</tr>
<tr>
<td>71617</td>
<td>VC</td>
<td>10/19/13 - 12/14/13</td>
<td>Tarek Azmy</td>
</tr>
</tbody>
</table>

**CORR 290**

**Public Safety Communications**

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AJ 101<br>Transfers to: CSU<br>This course is designed to provide California Peace Officers or other interested students with an in-depth understanding of public safety communication in the Correctional field. Topics include techniques of effectively communicating facts of information and ideas in a clear and logical manner for public safety reports. Students will gain practical experience in interviewing, note taking, report writing, and testifying.<br>

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<tr>
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<tr>
<td>70437</td>
<td>VC</td>
<td>8/24/13 - 12/14/13</td>
<td>Sandra Kimber</td>
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</tbody>
</table>

**COUN 101**

**College and Life Success**

3 Credits/(Formerly COUNS 101)/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU<br>(*The UC will grant a maximum of 3 units credit for COUN 101, 101A, 101B and 151 combined)<br>This course provides an exploration of cognitive, psychological, social, and physical factors influencing success in college and in life. Topics include personal responsibility, critical thinking, motivation, self-efficacy, personal awareness, life-long learning, self-management, health and wellness, interpersonal communication in a diverse world, and introduction to career and educational planning. Students will learn about the purpose, demands, requirements, and support services of higher education including both Rio Hondo College and four year institutions.<br>

<table>
<thead>
<tr>
<th>Code</th>
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<th>Dates</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>70581</td>
<td>CLAS</td>
<td>8/24/13 - 12/14/13</td>
<td>Sergio Guzman S125</td>
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<td>70589</td>
<td>CLAS</td>
<td>10/19/13 - 12/14/13</td>
<td>Mary Rivera S125</td>
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<td>70590</td>
<td>CLAS</td>
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<td>Mary Rivera S125</td>
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<tr>
<td>70594</td>
<td>CLAS</td>
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<td>Dorali Pichardo-Diaz Science</td>
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<td>70596</td>
<td>CLAS</td>
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<td>Jose Rodriguez S125</td>
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<tr>
<td>70601</td>
<td>CLAS</td>
<td>8/24/13 - 12/14/13</td>
<td>Julius Thomas S125</td>
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<tr>
<td>70602</td>
<td>WEB</td>
<td>8/24/13 - 12/14/13</td>
<td>Henry Saucedo</td>
</tr>
</tbody>
</table>
COUN 151
Career Exploration and Life Planning

3 Credits/(Formerly COUNS 151)<p>Advisory:</p> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to:<br>UC (credit limit*), CSU<br>(*The UC will grant a maximum of 3 units credit for COUN 101, 101A, 101B and 151 combined)<p>This course will examine student, career and self-development theories to empower students to make effective decisions throughout their lifespan by engaging in the process of career and life planning from a psychological, sociological and physiological perspective. Students will compare and contrast human development and career theories, decision-making, factors that contribute to college success, life skills, adult workplace competencies, values, interest, abilities, and personality, labor market trends in a global economy, and successful job search and workplace behaviors.<br></p>

DANC 114
Conditioning and Alignment for the Dancer

1 Credits/(Formerly DANCE 114, PE 114)<p>Advisory:</p> ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to:<br>UC, CSU<br>This course is designed to provide the physical training and preparation for students interested in Dance, Yoga, and/or Pilates and is suitable for individuals seeking to move with greater efficiency and less pain in everyday activities. Students will learn how to move the body in a safe and effective manner and develop strength, flexibility, proper alignment, agility, balance and coordination. Course work is designed for those wishing to work at a more deliberate pace and in a non-competitive atmosphere, or who are recovering from prior injury.<br>

DANC 150
Introduction to World Dance

1 Credits/(Formerly DANCE 150)<p>Transfers to:</p> CSU<br>This course is open to all students interested in studying dances representative of different cultures and nationalities. Students will learn dances from multiple cultures and evaluate the similarities and differences of the works within these cultures. Dances will be analyzed based on their salient movement qualities, including Body, Effort, Space, and Shape, taking into
consideration historical background and related folklore.<br>

DANC 151

Modern Dance I

1 Credits/(Formerly DANCE 151, PE 151)<p>Advisory:</p> ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to: UC, CSU<p>Modern Dance I is an introductory course for those students who seek technical skill in Modern dance. Emphasis will be placed on developing contemporary technique as well as conditioning the body by improving posture, flexibility, strength, and coordination. Improvisation and creative expression will also be explored. This course may be taken once and repeated three times for credit.<br>

DANC 152

Dance Rehearsal and Performance

3 Credits/(Formerly DANCE 152, PE 152)<p>Advisory:</p> ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment; DANC 151; DANC 159; DANC 251<br>Transfers to: UC, CSU<p>This course provides experience and laboratory exploration in all aspects of dance performance. Students have the opportunity to perform in an evening-length dance concert, work with faculty choreographers and guest artists, and participate as a member of a touring dance ensemble. Students contribute as dancers, production assistants, and costume designers under the supervision and guidance of a faculty choreographer. Productions will be presented for public performance on and off campus.<br>

DANC 153

Ballet I

1 Credits/(Formerly DANCE 153, PE 153)<p>Advisory:</p> READ 023 or appropriate assessment<br>Transfers to: UC, CSU<p>This is an introductory course for those students who seek technical skill in classical ballet. The course will focus on body alignment, traditional steps and combinations, musicality, ballet terminology, and the development of strength and flexibility. Students will also gain knowledge of contemporary influences on ballet. This course may be taken once and repeated three times for credit.<br>

DANC 159

Choreography I

3 Credits/(Formerly DANCE 159, PE/TH 159)<p>Advisory:</p> ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment; DANC 151<br>Transfers to: UC, CSU<p>Choreography I is an introduction to the art and craft of dance composition. The course will focus on the elements of improvisation and experimentation through choreographic exercises. Basic elements of choreography including form, design, motivation, phrasing, gesture, accompaniment, and production basics will be explored. Additionally, critical analysis of dance will be emphasized through lectures, readings and observations of professional dance rehearsals and/or
DANC 199
Dance Appreciation

3 Credits (Formerly DANCE 199, PE/TH 199)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

This survey course is a multi-cultural exploration of one of the world's oldest and most universal art forms. The history of ballet, jazz, modern, hip-hop, and musical theater dance are investigated through lecture, video and demonstration. In addition, dance will be analyzed in terms of Body, Effort, Space, and Shape and examined for cultural, social and political influences. This course is designed for students who want to gain an understanding of dance and for dance majors who want to broaden their knowledge.

ECON 101
Principles of Macroeconomics

3 Credits (Formerly ECON 001A)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 070 or appropriate assessment
Transfers to: UC, CSU

This is an introductory course in which students learn to describe and analyze the performance and policies of national economic systems, with an emphasis on the US economy. It is intended for Economics or Business majors as well as to satisfy General Education requirements. Topics include production possibilities and tradeoffs; comparative economic systems; functions of government; national income and employment; business cycles; money and banking; monetary and fiscal policy; comparative advantage and trade policy; economic growth and stability; and income distribution and poverty.

ECON 101H
Principles of Macroeconomics

3 Credits
Prerequisite: ENGL 101 with a grade of "C" or better; MATH 070 or appropriate assessment
Advisory: READ 023 or appropriate assessment
Transfers to: UC, CSU

This is an introductory course in which students learn to describe and analyze the performance and policies of national economic systems, with an emphasis on the US economy. It is intended for Economics or Business majors as well as to satisfy General Education requirements. Topics include production possibilities and tradeoffs; comparative economic systems; functions of government; national income and employment; business cycles; money and banking; monetary and fiscal policy; comparative advantage and trade policy; economic growth and stability; and income distribution and poverty.
distribution and poverty.<br>

**ECON 102**

**Principles of Microeconomics**

3 Credits/(Formerly ECON 001B)<p>Prerequisite:</p>MATH 070 or appropriate assessment<p>Advisory:</p>ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<p>Transfers to:</p>UC, CSU<p>This is an introductory course in economic analysis of markets, intended for Economics and Business majors as well as to satisfy General Education requirements. It may be taken prior to Econ 101. Students will learn how markets work to coordinate consumers and producers in an economy, various causes of the failure of free markets and policies used to correct or regulate market behavior.<br>

**ECON 106**

**Economics of Contemporary Issues**

3 Credits/<p>Advisory:</p>ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<p>Transfers to:</p>UC, CSU<p>The course is an introductory course designed for students interested in exploring how the tools of economics are used to analyze and debate critical issues facing society today. Economics will be applied to issues such as: health care, trade deficits, social security, crime, pollution, alternative energy, income inequality, global development, housing and homelessness, and immigration.<br>

**EDEV 020**

**Literacy Skills I**

3 Credits/(Formerly ED DEV 020, DISAB 020)<p>This is a beginning course designed for students with learning disabilities who have limited reading skills. Students will learn the meanings and the pronunciations of new words through the use of phonics. The class will cover vowel sounds, consonant sounds, word syllables, and word structure. Students practice strategies needed to encode and decode words to be successful readers. This is a non-degree credit course and is offered on a pass/no pass basis.<br>

**EDEV 022**

**Basic Arithmetic**

3 Credits/(Formerly ED DEV 022, DISAB 022)<p>This course is a review of the basic principles and skills of arithmetic. The general areas of review are operations of whole numbers and fractions, operations with decimals and proportional thinking, percent problems and applications to percents. This course is designed for students with special needs to master basic computational skills, develop problem solving and arithmetic skills, and acquire learning strategies to allow them to function successfully upon matriculating into upper level mathematics courses. This is a
non-degree applicable course.<br>

EDEV 024  
**Assessment for Learning Disabilities**

1 Credits/Formerly ED DEV 024)

Advisory: Appropriate placement through the Learning Disabilities Assessment Process

This course provides intensive diagnostic learning assessment for students with learning disabilities. A profile will be developed through cognitive and achievement assessment which will emphasize specific academic and learning modality strengths and weaknesses. Students will develop a Student Education Contract to help them improve in reading, writing, spelling, computation, and learning skills as well as plan for future educational support. Recommended for all students who suspect they may have a learning disability. This is a non-degree credit course.<br>

EDEV 029  
**Independent Living Skills**

3 Credits/Formerly ED DEV 029)

This course is designed specifically for the Developmentally Delayed Learner (DDL) population and students with special learning needs. Essential independent living skills are emphasized. Major topics focus on the how to live and work issues-from maintaining a healthy body and a safe home to finding and keeping a job. Desired outcome is for the student to develop the necessary skills to gain greater independence within-outside the family structure.<br>

EDEV 030  
**English Skills**

3 Credits/Formerly ED DEV 030, DISAB 030)

Corequisite: EDEV 030W

This course is designed for students with learning disabilities who need to improve basic writing skills. A process approach to writing is integrated with reading assignments to provide a variety of writing experiences. Students practice strategies to develop thinking, language, and writing skills. This course is the beginning level of composition; it prepares students for success in English 035 or 101. This is a non-degree credit course and is offered on a pass/no pass basis. Students are required to concurrently enroll in EDEV 030W.<br>

EDEV 030W  
**English Skills Workshop**

1 Credits/Formerly DISAB 030)

Corequisite: EDEV 030W

This course is designed for students with learning disabilities who need to improve basic writing skills. A process approach to writing is integrated with reading assignments to provide a variety of writing experiences. Students practice strategies to develop thinking, language, and writing skills. This course is the beginning level of composition; it prepares students for success in English 035 or 101. This is a non-degree credit course and is offered on a pass/no pass basis. Students are required to concurrently enroll in EDEV 030W English Skills Workshop. Students must complete 54 lab hours per semester. The class will meet for 28 hours per semester on campus. The remaining credit hours will be completed by arrangement with the instructor. <br>
EDEV 101
College and Career Exploration

3 Credits/(Formerly ED DEV 101, DISAB 101)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course is designed to facilitate a student's acquisition of the necessary information and personal awareness for a successful college experience. Special strategies will be utilized to particularly benefit the student with specific learning difficulties. The value of higher education will be explored with particular emphasis on the policies and procedures of Rio Hondo College and four year institutions. Special attention will be directed toward the understanding of "Certificate Programs", "Associate Degrees", "General Education" and "Transfer" requirements. Students will investigate the various support services available at Rio Hondo and develop a working knowledge of how a student may benefit from such services.<br>

EDEV 134
Study Techniques

3 Credits/(Formerly ED DEV 134, DISAB 134)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This is a course in college study skills which also addresses the needs of students identified with special learning needs. Students are taught specific techniques, principles, and strategies which enable them to effectively acquire, integrate, store, and retrieve information and thus become more successful students. Topics in this course include in-depth instruction in critical reading and thinking, time management, memory techniques, note-taking, test-taking, creativity, and communication. Students are encouraged to utilize appropriate college resources.<br>

ELEC 050
Introduction to the Electrical Industry

2 Credits/Advisory: READ 023 or appropriate assessment<br>This introductory course is for a general audience and for those contemplating a career in the powerline (electrical) industry. Students will become acquainted with the basic concepts of terminology and will receive hands-on experience with components and measuring equipment.<br>

ELEC 060
D.C. and A.C. Fundamentals

3 Credits/Advisory: READ 023 or appropriate assessment<br>This introductory course in D.C. & A.C. electricity is for general audience and for those contemplating a career in the powerline (electrical) industry. Course content includes basic theory, resistance, capacitance, inductance, simple D.C. & A.C. circuits, transformers, measuring instruments, batteries, motors & generators.
ELEC 101

D/C Electronic Circuits and Devices

4 Credits/Prerequisite: MATH 030 or MATH 030D or appropriate assessment, or TCED 080
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is an introduction to the field of Direct Current (D/C) electricity/electronics. Emphasis is on the theory of operation, physical properties and characteristics of DC electrical/electronic circuits and devices. Students will analyze circuits and solve problems utilizing basic network analysis methods. The course will instruct students on the arrangement of circuit diagrams, proper identification of circuit/device symbols, and use of wiring schematics. Laboratory work provides experience with the design and test of basic electrical circuits, use of meters, schematic diagrams, oscilloscopes, and common laboratory equipment. This course is for students that are contemplating a career in the electrical/electronics industry and is part of the preparation leading to an A.S. Degree or a Certificate in Electronics Technology.

EMT 093

Emergency Medical Technician

8 Credits/Prerequisite: FTEC 121
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; BIOL 125
This course is designed to certify students as California State Emergency Medical Technicians and gain employment as an ambulance driver or ambulance attendant. After successful completion of this course, students will be authorized to take the National Registry EMT examinations and then request certification as an EMT through the Los Angeles County Department of Health or other local EMS accrediting agencies. Topics discussed include pre-hospital care terminology, cardiovascular emergencies, pre-hospital childbirth, communicable disease, extrication tools and equipment, automatic external defibrillation and an understanding of the Emergency Medical System. Students must pass a background check and EMT medical physical with a 10-panel drug screen.

ENGL 030

Introductory Composition for Developing Writers

3 Credits/Formerly ENGL 039/Prerequisite: ENGL 030W
Advisory: READ 022 or appropriate assessment
Corequisite: ENGL 030W
This course assists students in developing thinking, language, and writing skills through structured assignments that increase in complexity throughout the semester. This is the first or beginning course in composition; it prepares students for success in either ENGL 035 or ENGL 101. Students must concurrently enroll in the one-unit Writing Workshop, ENGL 030W. This is a non-degree applicable course and is offered on a pass/no pass basis.
ENGL 030W
Writing Workshop

0.5 Credits/(Formerly ENGL 039W)</br>Corequisite:</br>ENGL 030<br>Advisory:</br>READ 022 or appropriate assessment<br>This is a lab course designed to assist students in developing and improving their writing and language skills through individual conferences with composition instructors. Students will complete and revise assignments that complement the goals and objectives of ENGL 030. All ENGL 030 students must enroll in this course. This course may be repeated one time for credit. This is a non-degree applicable course offered on a pass-no pass basis.</br>

ENGL 035
Intermediate Composition for Developing Writers

3 Credits/(Formerly ENGL 099)<br>Prerequisite:</br>ENGL 030 or ENLA 034 with a grade of "Pass" or appropriate assessment<br>Corequisite:</br>ENGL 035W<br>This is a composition course which trains students in the clear and logical communication of ideas and information. Students will learn to relate ideas and information in standard written English that a literate audience can easily understand. To accomplish this, students will learn methods of prewriting, construct and revise a series of original essays, discuss readings, and participate in collaborative activities which increase their ability to articulate ideas. This is a non-degree credit course and is offered on a pass/no pass basis. Each week, three additional hours will be required in an accompanying 35W Writing Workshop offered on a pass/no pass basis. This class can also be taken in three 6-week modules. Students will have the opportunity to take one, two, or three modules for one unit of credit each. Module A will cover simple and compound sentences, simple punctuation, and language usage. Students will practice writing to instruct and inform. Module B will cover complex sentences, punctuation such as colons and semicolons, and use of persuasive language. Further practice will be given in the use of commas and capitalization. Module C will include paragraphs, short essays, punctuation review, and use of sequential and transitional language. Practice will be given in adapting information to different audiences. In addition to this material, modules A, B, and C will cover material detailed in the appendix to the course outline. To receive credit for ENGL 035 or ENGL 035 A, B, C, students must receive a score of 10 or higher on the common final. Workshop credit will be given upon completion of all three modules. Students may enroll in all modules or individual modules and receive appropriate credit. English 035 A, B, C is offered on an open entry, open exit basis. This is a non-degree credit course and is offered on a pass/no pass basis. (Each week, three additional hours will be required in the ENGL 035W Writing Workshop, offered on a pass/no pass basis.)
ENGL 035
Writing Workshop

0.5 Credits/(Formerly ENGL 099W)/ Corequisite: ENGL 035
Advisory: READ 022 or appropriate assessment
This is a lab course designed to assist students in developing and improving their writing and language skills through individual conferences with composition instructors. Students will complete and revise assignments that complement the goals and objectives of English 035. All English 035 students must enroll in this course. This course may be repeated one time for credit. This is a non-degree applicable course offered on a pass-no pass basis.
ENGL 101

College Composition and Research

3.5 Credits/<b>(Formerly ENGL 001A)</b> <p><b>Prerequisite:</b> ENGL 035 with a grade of "Pass" or ENLA 100 with an "A" or "B" or appropriate assessment<br><b>Transfers to:</b> UC, CSU<p>This is a composition course that enables students to generate logical, coherent essays and reports necessary to academic and professional success. Students will become proficient in research techniques, learn critical reading and thinking skills through expository and persuasive reading selections, and apply these skills to creating original essays and a final research paper. The lab component of this course is designed to assist students in improving and refining their writing and language skills. Students will complete lab activities that enhance their ability to compose logical, well-supported arguments that exhibit grammatical fluency and correct documentation form. Students will meet with composition instructors through individual conferences that address students' specific writing concerns. This course is designed for students who wish to fulfill the General Education requirement for Written Communication.<br>
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**ENGL 125**

Grammar and Usage

3 Credits (Formerly ENGL 025)

Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment

Advisory: READ 023 or appropriate assessment

Transfers to: UC, CSU

This course explores parts of speech, varieties of sentence structures, common grammar and usage problems, and how to apply these issues to real-world communications. It is designed for students who wish to expand their knowledge of standard American English and thereby increase their skill in the written and spoken language. It is especially helpful for students planning to go into teaching.

**ENGL 131**

Creative Writing

3 Credits (Formerly ENGL 031A)

Prerequisite: ENGL 101

Transfers to: UC, CSU

This is a course of expression for students who are interested in various forms of writing. It offers students a workshop setting in which to develop their writing skills in various genres, such as fiction, poetry, and playwriting. Students are required to write regularly, present their own work in class for discussion, and develop critical standards for evaluating the merit of their own work and of the work of their peers.

**ENGL 201**

Advanced Composition and Critical Thinking

3.5 Credits (Formerly ENGL 001C)

Prerequisite: ENGL 101 with a grade of "C" or better

Advisory: READ 023 or appropriate assessment

Transfers to: UC (credit limit), CSU

(*Students will receive credit from UC for only one of the following courses: ENGL 201 or ENGL 201H)

This advanced composition course is open to all students who have successfully completed ENGL 101 and is designed for those who expect to transfer to four-year colleges or universities. Students will read and write extensively, while applying critical thinking skills and research techniques. Students will demonstrate these abilities in advanced composition as they research and write a series of argumentative essays, which demonstrate the ability to analyze issues, evaluate positions, and argue persuasively through clear, concise prose. The lab component of this course is designed to assist students in advancing and refining their writing and language skills and will augment their ability to exercise critical thought. Students will complete lab activities that further enhance their ability to compose logical, well-supported arguments that exhibit grammatical fluency and correct documentation form. Students will meet with composition instructors through individual conferences that address students’ specific writing concerns.
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**ENGL 201H**

*Advanced Composition and Critical Thinking*

3.5 Credits/<b>Prerequisite:</b> ENGL 101 with a grade of "C" or better<br><b>Advisory:</b> READ 023 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU<br><b>*Students will receive credit from UC for only one of the following courses: ENGL 201 or ENGL 201H*</b>

This advanced composition course is open to all students who have successfully completed ENGL 101 and is designed for those who expect to transfer to four-year colleges or universities. Students will read and write extensively, while applying critical thinking skills and research...
techniques. Students will demonstrate these abilities in advanced composition as they research and write a series of argumentative essays, which demonstrate the ability to analyze issues, evaluate positions, and argue persuasively through clear, concise prose. The lab component of this course is designed to assist students in advancing and refining their writing and language skills and will augment their ability to exercise critical thought. Students will complete lab activities that further enhance their ability to compose logical, well-supported arguments that exhibit grammatical fluency and correct documentation form. Students will meet with composition instructors through individual conferences that address students' specific writing concerns. This Honors section is open to all students who have completed English 101 with a grade of C or better. Students will be expected to analyze issues in more depth and write on them at greater length than they would in a non–Honors section.<br>

ENGR 235

Engineering Mechanics: Statics

3 Credits<br>Prerequisite: PHY 211 with a grade of "C" or better<br>Prerequisite/Corequisite: MATH 191 with a grade of "C" or better<br>Transfers to: UC, CSU<br>This course is for students who intend to pursue a major in engineering and provides an overview of the effect of two and three dimensional force systems on particles and rigid bodies under equilibrium conditions. Topics covered include distributed forces and determination of centroids, analysis of trusses, frames and machines, internal forces and moments, systems involving friction, and method of virtual work and equilibrium.<br>

ENGT 101

Introduction to Technical Drawing & Graphics

3 Credits<br>(Formerly DRAF 101)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This is a basic course in technical drawing and graphics for students with no previous drafting skills or training. The course is designed for students who wish to pursue training in fields and careers related to architecture, civil and engineering design drafting. Practical application will be provided with the tools, techniques, standards, and practices used in the industries that need technical drawings and graphics.<br>

ENGT 105

Architectural and Technical Freehand Sketching

2 Credits<br>(Formerly DRAF 105)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to: CSU<br>This course is designed to develop skill in freehand drawing as used by the design professionals in both architectural and technical applications. Using pen,
pencil, marker, basic principles of proportion, composition and freehand techniques, students will prepare technical
sketches to industry standards, in isometric, oblique, perspective and orthographic. Design considerations will also be
introduced for various projects involving preliminary design sketches. This course is open to all students who wish to
develop freehand drawing skills. It is required for all students working towards a degree or certificate in the
Architecture and Engineering Design Drafting program.<br>

71088  CLAS  8/24/13 - 12/14/13  T  1600 - 1725  Robert Beauchemin  S304
         LAB  8/24/13 - 12/14/13  TR  1730 - 1835  Robert Beauchemin  S304

ENGT 122

Engineering Design Graphics

4 Credits/(Formerly DRAF 122)<p>Advisory:</p> ENGL 030 or ENLA 034 or appropriate assessment;
READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting<br>Transfers to:</UC, CSU<p>This course is an introduction to graphics as used in engineering design and the systematic use of graphic
solutions and descriptive geometry to solve three dimensional engineering problems involving space, points, planes
and lines. Technical drawing using I.S.O. and A.N.S.I. standards including geometric dimensioning and tolerancing,
will be stressed with a conceptual design project and preparation of working drawings. This course is required for all
students working towards a degree or certificate in the Architecture and Engineering Design Drafting program. The
course is also recommended for students interested in transferring to Schools of Engineering.<br>

71084  CLAS  8/24/13 - 12/14/13  TR  0800 - 0925  Gary Halvorson  S304
         LAB  8/24/13 - 12/14/13  TR  0935 - 1100  Gary Halvorson  S304
71087  CLAS  8/24/13 - 12/14/13  MW  1900 - 2025  Ademar Saccone  S310
         LAB  8/24/13 - 12/14/13  MW  2035 - 2200  Ademar Saccone  S310

ENGT 131

Engineering and Manufacturing Applications of Technical Drawing

4 Credits/(Formerly DRAF 131)<p>Prerequisite:</p> ENGT 122<br>Advisory:</p> ENGL 030 or
ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 150 or ENGT 270, or CADD
experience<br>Transfers to:</UC, CSU<p>This intermediate course is the study of technical drawing as used in
manufacturing applications of design and engineering technology. This course is for all students in areas of study
related to Engineering, Technical Drafting, Design and Computer Graphics. The course incorporates orthographic
projection, introduction to tool design, and applications of descriptive geometry through layouts and developments.
The course will also cover ANSI Y14.5, precision dimensioning, geometric tolerancing, manufacturing terminology and
processes. Lab exercises and drawings will be used to reinforce lecture and demonstration concepts.<br>

71085  CLAS  8/24/13 - 12/14/13  MW  1555 - 1720  Gary Halvorson  S304
         LAB  8/24/13 - 12/14/13  MW  1730 - 1855  Gary Halvorson  S304

ENGT 138

Engineering Careers & Applications

2 Credits/(Formerly CIV 138, CIVIL 138, DRAF 138)<p>Advisory:</p> ENGL 035 or ENLA 100 or
appropriate assessment; READ 023 or appropriate assessment<br>Transfers to:</UC, CSU<p>This course is for
all students interested in the career field of Engineering Design Drafting. Engineering Careers and Applications will
explore the career opportunities and training requirements in the field of engineering and engineering technology.
Topics will include the history of engineering, careers in engineering, ethics and responsibilities of the engineer,
communicating and problem solving.<br>
# CLASS SCHEDULE

## Fall 2013

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Transfers to:</th>
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<td>ENGT 150</td>
<td>AutoCAD for Basic CADD Applications</td>
<td>4</td>
<td>ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting</td>
<td>CSU</td>
<td>This course is for students preparing for high technology careers who need the skills necessary to function as an entry level CADD operator or to apply CADD to specific disciplines of mechanical and architectural design, manufacturing, illustration and engineering related documents. An overview of computer graphics and CADD (Computer Assisted Design and Drawing) utilizing the latest release of AutoCAD software will be provided. Students will produce 2D orthographic, isometric, and basic 3D model solutions of mechanical and architectural applications.</td>
</tr>
<tr>
<td>ENGT 170</td>
<td>MicroStation for Basic CADD Applications</td>
<td>4</td>
<td>ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting</td>
<td>CSU</td>
<td>This course is for students preparing for high technology careers who need the skills necessary to function as an entry level CADD operator or to apply CADD to specific disciplines of mechanical and architectural design, manufacturing, illustration and engineering related documents. An overview of computer graphics and CADD (Computer Assisted Design and Drawing) utilizing the latest release of MicroStation software will be provided. Students will produce 2D orthographic and basic 3D model solutions of mechanical and architectural applications.</td>
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<tr>
<td>ENGT 200</td>
<td>Intermediate AutoCAD for Design and Production</td>
<td>3</td>
<td>ENGT 150 with a grade of &quot;C&quot; or better</td>
<td>CSU</td>
<td>This course is for students pursuing degrees or certificates in the Architecture and Engineering Design Drafting Program and for those who wish to enhance their AutoCAD skills for workplace productivity. The course is an intermediate application study in computer aided design, drafting, and graphics using the latest revisions of AutoCAD. Combined with previously learned technical drafting conventions and basic AutoCAD operational skills, students will use AutoCAD to produce detailed drawings that involve model-space and paperspace, 2D and 3D objects, block attributes and viewport scales. Emphasis will be placed on working with multiple drawing files using external files to create mechanical, architectural and civil projects.</td>
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ENGT 270

Solid Works for 3D Modeling and Prototype Applications

4 Credits/(Formerly DRAF 270)
Prerequisite: ENGT 150 or ENGT 170
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU

This course presents an intensive study in 3D computer graphics and CADD (Computer Assisted Design and Drafting) utilizing the latest release of SolidWorks Software. This course benefits all students in areas of study related to Engineering, Drafting, Design and Computer Graphics. Students will produce three dimensional parametric computer generated virtual models incorporating mechanical design refinements. The course emphasizes high technology skills which are necessary to function as a design professional to apply 3D design graphics technology to specific disciplines of mechanical engineering, machine drafting and design, manufacturing, animation, modeling and illustration. Students will be introduced to a variety of means to directly produce prototype models from CADD generated solid geometry.

ENGT 290

Cooperative Work Experience/Internship for Drafting Related Fields

1 Credits/(Formerly DRAF 290)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU

This course supports and reinforces on-the-job training in business and industrial establishments under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is related to the field of drafting and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures".

Student Unpaid Internship:
1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours
Student Paid Internship:
1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours

ENLA 011

Basic Vocabulary

3 Credits/(Formerly READ 066, ESL 034, ESL 024A)
Advisory: ENLA 014 or appropriate assessment

This course is designed to help non-native speakers of English learn meanings, forms, uses, and pronunciations of 200-250 English words not presently in their vocabulary. Special emphasis is given to examining words in context, parts of speech, and inflections. This course is offered on a pass/no pass basis and is not applicable
to the degree. Students are expected to complete an additional 8 hours TBA (To Be Arranged) in the Language Lab.<br>

72771  CLAS  8/24/13 - 12/14/13  MW  0940 - 1105  Moises Mata  A220

**ENLA 013**

**Basic Grammar**

3 Credits/ (Formerly ESL 025)<p>Advisory: NESL 018 or appropriate assessment<p>This is an introductory grammar course for non-native speakers of English. Through reading, writing, listening, and speaking activities, students learn basic English grammar while focusing on verb structures. This course is offered on a pass/no pass basis and is not applicable to the degree. Students are expected to complete an additional 8 hours TBA (To Be Arranged) in the Language Lab.<br>

72773  CLAS  8/24/13 - 12/14/13  TR  0805 - 0930  Moises Mata  A215

**ENLA 014**

**Beginning Composition**

3.5 Credits/ (Formerly ESL 010)<p>Prerequisite: Appropriate placement through the Rio Hondo Assessment Process<p>This course is designed to help limited English-speaking students communicate better in English. The course focuses on the development of written skills. Topics specifically emphasized are idiomatic expressions, vocabulary, reading and writing. These are taught at an entry level. This course is offered on a pass/no pass basis and is not applicable to the degree.<br>

72894  CLAS  8/24/13 - 12/14/13  TR  0940 - 1105  Moises Mata  A202

**ENLA 023**

**Intermediate Grammar**

3 Credits/ (Formerly ESL 029A,B,C; ESL 030A)<p>Prerequisite: ENLA 013 or appropriate assessment<p>Advisory: ENLA 024 or appropriate assessment<p>This course presents a multi-skills approach to English grammar and sentence structure for second-language students. Through reading, writing, listening, and related activities such as dictation, cloze exercises, and sentence analysis, students practice the elements of correct English while focusing on verbs and verb forms. This course is offered on a pass/no pass basis and is not applicable to the degree. Students are expected to complete an additional 8 hours TBA (To Be Arranged) in the Language Lab.<br>

73290  CLAS  8/24/13 - 12/14/13  MW  0805 - 0930  Tyler Okamoto  A215

**ENLA 024**

**Intermediate Composition**

3.5 Credits/ (Formerly ESL 058A, ESL 037, ESL 027)<p>Prerequisite: ENLA 014 or appropriate assessment<p>This is an intermediate composition class for non-native speakers of English focusing on the fundamentals of academic writing in English. Basic sentence structures, paragraph development, composition forms, English grammar and word usage are studied in various rhetorical modes. This course is offered on a pass/no pass basis and is not applicable to the degree.<br>

72893  CLAS  8/24/13 - 12/14/13  TR  0940 - 1105  Moises Mata  A202

LAB  8/24/13 - 12/14/13  T  1115 - 1240  Moises Mata  LR117
ENLA 032
Advanced Speaking and Listening: Pronunciation and Accent Reduction
3 Credits (Formerly ESL 028C)<p>Prerequisite: ENLA 022 or appropriate assessment, or permission of instructor</p><p>Advisory: READ 022 or appropriate assessment</p><p>ENLA 032 is a speaking, listening and pronunciation course intended for students who need further practice in spoken English and/or have difficulty understanding native speakers of English in academic and other situations. Its purpose is improved the pronunciation, articulation, speed and comprehension of non-native speakers of English. The course focuses on sounds in isolation, the blending of sounds in phrasal elements and the production of sentences incorporating correct intonation, accent, speed and rhythm. This course is offered on a pass/no pass basis and is not applicable to the degree.</p>

72776  CLAS 8/24/13 - 12/14/13  TR 0940 - 1105  Ronald De Nino  A218

ENLA 034
Intermediate-Advanced Composition
3.5 Credits (Formerly ESL 097, ESL 197)<p>Prerequisite: ENLA 024 or appropriate assessment</p><p>A continuation of ENLA 024, this course is for ENLA students and emphasizes longer writings with more complicated sentence patterns leading up to a basic essay. Students focus on both thematic and rhetorical modes of composition while they practice topic sentences, thesis statements, subordination, and transitional expressions. This course is offered on a pass/no pass basis and is not applicable to the degree.</p>

72895  CLAS 8/24/13 - 12/14/13  MW 1115 - 1240  Tyler Okamoto  A215
LAB 8/24/13 - 12/14/13  M 0940 - 1105  Tyler Okamoto  LR117

72896  CLAS 8/24/13 - 12/14/13  TR 1115 - 1240  Grace Shibata  A200
LAB 8/24/13 - 12/14/13  T 0940 - 1105  Grace Shibata  LR117

ENLA 100
Advanced Composition
3.5 Credits (Formerly ESL 198)<p>Prerequisite: ENLA 034 or appropriate assessment</p><p>Transfers to: UC, CSU</p><p>ENLA 100 is the highest-level course of the ENLA writing sequence and an ENLA student’s gateway into English 101. As a result of taking this course, students will be able to utilize various stages of the writing process, MLA conventions of academic writing in several rhetorical modes (including a research paper), and advanced levels of grammatical and mechanical accuracy in their writing.</p>

72788  CLAS 8/24/13 - 12/14/13  TR 1115 - 1240  Tyler Okamoto  LR129
LAB 8/24/13 - 12/14/13  R 0940 - 1105  Tyler Okamoto  LR117

72789  CLAS 8/24/13 - 12/14/13  MW 1425 - 1550  Moises Mata  A204
LAB 8/24/13 - 12/14/13  W 1600 - 1725  Moises Mata  LR117

ET 230
Safety and Emergency Response
4 Credits Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment<p>Transfers to: CSU</p><p>This course is designed to provide individuals, who are working in or who seek employment in the environmental technology field, with hands-on instruction in safety and emergency response to chemical and physical exposures at hazardous waste sites. Topics include: hazard identification, emergency response planning, proper use and selection of PPE, site control and
evaluation, handling drums and containers, field sampling and air monitoring, proper use of instruments, confined spaces, emergency response including field exercises in the use of APR and SCBA. This course satisfies the requirements for 40 hour HAZWOPER TRAINING under OSHA (1910.120) and confined space entry training under OSHA (1910.146).

ET 260
Environmental Sampling and Analysis

4 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment; BIOL 120; BIOL 120L; CHEM 110 Transfers to: This course provides an overview of the techniques of sampling protocols for obtaining soil, air, surface water, and groundwater samples based on the U.S. EPA approved sampling protocols. In the lecture, emphasis is placed on the aspects of the procurement of the samples through the EPA approved standard operating procedures and practices. In the laboratory, the student will gain practical knowledge and skills for the appropriate collection and handling of environmental samples.

ET 272
Advanced Wastewater Treatment

3 Credits/Prerequisite: ET 271 Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or appropriate assessment Transfers to: This is the third course in a series of water treatment courses designed to train individuals who are working in or who seek employment in the waste water treatment field in the practical aspects of operating and maintaining wastewater treatment plants and emphasizes the use of safe practices and procedures. Topics presented include: detailed descriptions of the equipment and advanced treatment processes used for odor control, pure oxygen activated sludge treatment, solids removal from secondary effluents, residual solids management, enhanced biological control including nitrogen and phosphorus removal, and wastewater reclamation. Students will learn to operate and maintain treatment plant instrumentation equipment and systems. Additionally, students will also learn to analyze and solve operational problems and to perform mathematical calculations relating to wastewater treatment process control. This course focuses on actual operating procedures and teaches students to analyze and solve operational problems.

ET 290
Cooperative Work Experience/Internship for Environmental Technology Related Fields

1 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment Transfers to: This course supports and reinforces on-the-job training in business and industrial establishments under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is related to the field of environmental technology and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures".
Unpaid Internship: 1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours

Student Paid Internship: 1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.

70766  ARR  8/24/13 - 12/14/13  Gary Duran
CLAS  8/24/13 - 12/14/13  Gary Duran

**FAC 043**

**Advanced Fire Course**

0.741 Credits
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
This is a variable format (2-40 Hours of Lecture; 2-40 Hours of Lab) course designed to keep Fire Service personnel informed of new laws and fire codes, current prevention procedures, recent developments in hazardous materials, stress on the firefighter, technology, community relations, physical fitness & wellness and other refresher training as may be necessary.

73342  CLAS  10/28/13 - 10/29/13  MT  0800 - 1600  Tracy Rickman  Santa Fe Springs Training Ctr
LAB  10/30/13 - 11/1/13  WRF  0800 - 1600  Tracy Rickman  Santa Fe Springs Training Ctr

**FAC 118**

**Firefighter I, Basic Fire Academy**

22 Credits
(Formerly FTECH 018, 118)
Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or appropriate assessment; FTEC 101; FTEC 102; FTEC 103; FTEC 104; FTEC 105; FTEC 106; EMT 093
Advisory: BIOL 125
Transfers to: CSU-Restricted (see counselor for restrictions)
This course is designed for recently employed firefighters and other interested students. Topics covered include organization of the public and private fire service, characteristics and behavior of fire, fire hazards and firefighter safety, extinguishing agents and related extinguishing equipment, fire protection systems and water supply, incident command system, confine space awareness, building construction and assemblies, basic fire fighting tactics and strategy, fire prevention, hazardous materials, emergency care, wild land firefighting, Rapid Intervention, Rescue Systems and physical fitness. This course meets the State Board of Fire Services requirements for designation as a California Firefighter I Accredited Academy (ARA or Accredited Regional Academy by the California State Fire Marshal). Students who complete this course also receive California certification as an Emergency Medical Technician, in Vehicle Extrication, Fire Control I & II, Hazardous Materials First Responder Operational, Confine Space Awareness, Rescue Systems I, S-110, S-130, S-190, Trench Rescue, Rapid Intervention Crew Tactics and ICS –200. This course requires completion of a medical physical examination and includes arduous physical activity.

73292  CLAS  7/29/13 - 11/16/13  M T W R F  0600 - 0730  John Bennett  Santa Fe Springs Training Ctr
LAB  7/29/13 - 11/16/13  MT  0600 - 0730  Tracy Rickman  Santa Fe Springs Training Ctr
LAB  7/29/13 - 11/16/13  MT  0735 - 1715  John Bennett  Santa Fe Springs Training Ctr

**FR 101**

**French I**

4 Credits
(Formerly FR 001)
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course provides the student with an introduction to the French language and culture. The course stresses oral and written proficiency as well as reading comprehension. In addition to classroom discussion, students receive intensive individualized oral-aural practice in the language laboratory via interactive French websites, audio CDs, video programs, and CD ROMs. Various facets of
French history, philosophy, and politics will also be analyzed via cross-cultural comparisons. This course is intended for those interested in learning to speak French as well as for those seeking a degree in the French language.<br>

71107  CLAS  8/24/13 - 12/14/13  MW  0900 - 1105  James Bowen  A204
71108  CLAS  8/24/13 - 12/14/13  TR  1430 - 1635  James Bowen  A202
71109  CLAS  8/24/13 - 12/14/13  TR  1115 - 1320  James Bowen  A204
72264  VC  8/24/13 - 12/14/13  Ghada Mouawad
73246  CLAS  8/24/13 - 12/14/13  TR  1430 - 1635  James Bowen  A204

FR 102

French II

4 Credits/(Formerly FR 002)<b>Prerequisite:</b> FR 101<b>Transfers to:</b> UC, CSU<p>This course is a continuation to the essentials of the French language. The course stresses oral and written proficiency as well as reading comprehension. In addition to classroom discussion, students receive intensive individualized oral-aural practice in the language laboratory via interactive websites, audio CDs, video programs, and CD ROMs. Various facets of French history, philosophy, and politics will also be analyzed via cross-cultural comparisons. This course is intended for those interested in continuing to learn to speak French as well as for those seeking a degree in the French language.<br>

71110  CLAS  8/24/13 - 12/14/13  MW  1115 - 1320  James Bowen  A204

FTEC 044

Physical Fitness and Ability for the Firefighter

3 Credits/(Formerly FTECH 044)<b>Prerequisite:</b> Student must be able to lift 75lbs., drag a 150 pound "drag dummy", and use a sledge hammer in completion of a physical abilities test.<b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<p>This course is designed to give in-service firefighters and interested students information about conditioning and fire department physical ability test designs and will include manipulative drills in order to be successful in passing California PAT's (Physical Abilities Tests). This course will provide information on the most recently developed tests in Southern California including the CPAT (Candidate Physical Abilities Test) and the Biddle (Biddle and Associate Validated Test). Students will learn about firefighter wellness programs, review basic nutrition and current NFPA (National Fire Protection Association) standards pertaining to firefighter health and safety. Students must be able to perform basic firefighter activities including climbing, using sledge hammers, dragging 150lb dummies and wearing a self contained breathing apparatus.<br>

70447  CLAS  8/24/13 - 12/14/13  F  0830 - 1035  Tracy Rickman  Santa Fe Springs Training Ctr
LAB  8/24/13 - 12/14/13  F  1040 - 1350  Tracy Rickman  Santa Fe Springs Training Ctr

FTEC 045

Firefighter Entrance Examination Techniques

3 Credits/(Formerly FTECH 045)<b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<b>Transfers to:</b> CSU-Restricted (see counselor for restrictions)<p>This course is designed to prepare Fire Technology or other interested students to take a firefighter's examination. Topics covered include a review of firefighter duties and the requirements of a firefighter, employment requirements in the fire service and the hiring process. Resumes, fire department written examinations, oral interviews, and other related aspects will be discussed.
FTEC 101

Fire Protection Organization

3 Credits/(Formerly FTECH 101, 001)

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course provides Fire Technology or other interested students with an overview of fire protection issues. Included will be an introduction to the philosophy and history of fire protection and fire service. The organization and function of public and private fire protection services, the laws and regulations affecting fire service and the role of fire departments as part of local government will be explored. Basic fire chemistry, fire protection systems, firefighting strategies and possible career opportunities in fire related fields will also be addressed.

FTEC 102

Fundamentals of Personal Fire Safety and Emergency Action

3 Credits/(Formerly FTECH 102, 002)

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course introduces the Fire Technology or other interested students to the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior changes throughout the emergency services. This course has been updated to meet the National Fire and Emergency Services Higher Education objectives as it pertains to firefighter safety and survival techniques used in today’s fire service.

FTEC 103

Fire Behavior and Combustion

3 Credits/(Formerly FTECH 103, 003)

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course provides Fire Technology or other interested students with an exploration of theories and fundamentals of how and why fires start,
spread, and how they are controlled. An in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents, and fire control techniques will be explored.<br>

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**FTEC 104**

**Fire Prevention Technology**

3 Credits/(Formerly FTECH 104, 004)/p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment/br>Transfers to: CSU/p>This course is designed to provide Fire Technology or other interested students with fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education.<br>

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FTEC 105

Building Construction for Fire Protection

3 Credits/\(\text{Formerly FTECH 105, 013}\)/<b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU This course provides the Fire Technology or other interested students with an understanding of the essential components used in building construction that directly relates to fire safety. The elements of construction and design of structures, factors when inspecting buildings, preplanning fire operations, and operating at fires will be discussed. The development and evolution of building and fire codes will be studied in relationship to past fires in residential, commercial, and industrial occupancies.<br>

FTEC 106

Fire Protection Equipment and Systems

3 Credits/\(\text{Formerly FTECH 106, 006}\)/<b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU This course provides the Fire Technology student with information pertaining to the design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers.<br>
Hazardous Materials I
3 Credits/(Formerly FTECH 107, 007) <p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment <br>Transfers to: CSU <br>This course provides fire technology or other interested students with information pertaining to the first responder role when dealing with hazardous materials operations. Hazardous materials decontamination procedures will also be discussed. Classification of hazardous materials and National Fire Protection Association standards (NFPA 472) will be addressed. <br>72843  CLAS  8/24/13 - 12/14/13  W  1800 - 2110  Jed Hulsey  Santa Fe Springs Training Ctr

FTEC 112
Fire Apparatus and Equipment
3 Credits/(Formerly FTECH 112, 012) <p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment <br>Transfers to: CSU <br>This course provides the fire technology or other interested students with information pertaining to the design and operation of fire department apparatus. This includes components such as the engine, pump and drive train. Basic hydraulic calculations for operation and safe vehicle use will also be discussed. Topics addressed include the different types of fire apparatus and their function including wildland firefighting apparatus and municipal fire apparatus. <br>71535  VC  8/24/13 - 12/14/13  Gerald Wallace

FTEC 114
Fire Investigation
3 Credits/(Formerly FTECH 114, 014) <p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment <br>Transfers to: CSU <br>This course provides the Fire Technology or other interested students with an understanding of determining causes of fires (accidental, suspicious and incendiary). Topics covered include arson laws, field notetaking, and incendiari sm. Also addressed are the recognition and preserving of evidence, the interviewing of witnesses and suspects, arrest and detention procedures, court demeanor and the giving of court testimony. <br>73295  CLAS  8/24/13 - 12/14/13  T  1800 - 2110  Andrew Grzywa  Santa Fe Springs Training Ctr

FTEC 121
Emergency Response
3 Credits/(Formerly FTECH 121) <p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment <br>Transfers to: CSU <br>This course is intended for students that seek a better understanding of the role and responsibilities of a first responder. This class also meets the State of California Title 22 requirements pertinent to CPR, First Aid and AED (automatic external defibrillation) training as it relates to the EMT (Emergency Medical Technician). This course will also certify the student to administer oxygen, provide professional rescuer CPR and provide basic first aid. This course may be repeated once. <br>70453  CLAS  8/24/13 - 12/14/13  T  0900 - 1105  David Espley  Santa Fe Springs Training Ctr  
LAB  8/24/13 - 12/14/13  T  1110 - 1420  David Espley  Santa Fe Springs Training Ctr  
72204  CLAS  8/24/13 - 12/14/13  S  0900 - 1105  James Brakebill  Santa Fe Springs Training Ctr  
LAB  8/24/13 - 12/14/13  S  1110 - 1420  James Brakebill  Santa Fe Springs Training Ctr  
72848  CLAS  8/24/13 - 12/14/13  F  0900 - 1105  Robert Galvan  Santa Fe Springs Training Ctr  
LAB  8/24/13 - 12/14/13  F  1110 - 1420  Robert Galvan  Santa Fe Springs Training Ctr
GEOG 101

Introduction to Physical Geography

3 Credits/<b>(Formerly GEOG 001)</b><br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment<br>Transfers to: UC, CSU<br>Introduction to Physical Geography is a general education course that introduces students to the natural processes that shape the earth. Weather and climate, landforms and volcanoes, glaciers, rivers and coastal phenomena are among the topics explored. This course is for any student interested in the physical processes that shape land masses.<br>

70783 VC 8/24/13 - 12/14/13 Aimee Mindes
72200 CLAS 8/24/13 - 12/14/13 MW 0940 - 1105 Aimee Mindes S236

GEOG 101L

Introduction to Physical Geography Laboratory

1 Credits/<b>(Formerly GEOG 001L)</b><br>Prerequisite/Corequisite: GEOG 101<br>Transfers to: UC, CSU<br>The physical geography laboratory is designed to acquaint students with the methods, techniques and procedures used by geographers in the study and analysis of the physical environment. Students will use maps, the internet and other tools to work with real-world geographic data. This course fulfills the general education lab requirement in physical sciences when taken with or after GEOG 101.<br>

70791 LAB 8/24/13 - 12/14/13 MW 1115 - 1240 Aimee Mindes S230
72213 VCL 8/24/13 - 12/14/13 Aimee Mindes
72222 VCL 8/24/13 - 12/14/13 Aimee Mindes

GEOG 102

Introduction to Cultural Geography

3 Credits/<b>(Formerly GEOG 002)</b><br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>Introduction to Cultural Geography is a general education course that introduces students to the basic elements of culture. Population growth, migration, ethnicity, language, religion, folk and popular culture, and settlement forms are among the topics presented. This course may be of interest to students considering the field of elementary teaching, ecology, social science, or travel related vocations.<br>

72211 CLAS 8/24/13 - 12/14/13 TR 0940 - 1105 Aimee Mindes S236
72212 VC 8/24/13 - 12/14/13 Aimee Mindes

GEOL 150

Physical Geology

3 Credits/<b>(Formerly GEOL 001)</b><br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment<br>Transfers to: UC, CSU<br>Physical Geology, which fulfills the physical science general education requirement, is the study of the materials that our beautiful Earth is made out of, as well as the processes and systems operating within the planet and on its surface. Earthquakes, volcanoes, oil, beaches, tsunamis, rocks, rivers, glaciers, plate tectonics, minerals, continent and mountain building are among the many diverse topics that will be explored.<br>

70793 CLAS 8/24/13 - 12/14/13 MW 0940 - 1105 Michael Forrest S221
GEOL 151

Physical Geology Laboratory

1 Credits<br>(Formerly GEOL 001L)<br>Prerequisite/Corequisite: GEOL 150<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>Physical Geology Laboratory engages students with a "hands-on" review of the principles presented in GEOL 150 and their application to everyday life. Laboratory exercises will include (but are not limited to) earthquake analysis, the physical properties of minerals, igneous, metamorphic and sedimentary rocks, topographic and geologic map reading, stream, glacial, desert, coastal and tectonic landform process analysis and a field study in the Rio Hondo Canyon.

GIS 120

Introduction to Geographic Information Systems and Spatial Analysis

4 Credits<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; CIT 101<br>Transfers to: UC (credit limit*), CSU<br>This course will introduce fundamental concepts of geographic information and spatial analysis, using industry standard geospatial application tools including geographic information systems (GIS), global positioning systems (GPS), cartography, remote sensing. Students will learn how to use geospatial technologies to perform spatial analysis in various disciplines including but not limited to business, public safety, health, politics, engineering, environmental, and social, biological and geological sciences. Students should have a working knowledge of Windows to be successful in this course.

GIS 221

Cartography and Base Map Development

3 Credits<br>Prerequisite: GIS 120<br>Advisory: GIS 220<br>Transfers to: CSU<br>This course provides a study of cartographic principles using ESRI software, including history, map projections, scales, accuracy, data acquisition and methods used for map development and production. Techniques used in GIS base map development including scanning, digitizing, input of coordinate geometry, remote sensing, aerial images and use of Global Positioning Systems (GPS) in the field to gather data will be used to develop and produce professional quality maps. This course is designed for all students in GIS certificate and related degree programs.
Geographic Information Systems (GIS) in Environmental Technology

3 Credits/Prerequisite: GIS 120
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU

In the environmental field today there are few jobs that do not require a background in Geographical Information Systems (GIS) and Global Positioning Systems (GPS). GIS is today widely applied in planning used for land use and growth management, environmental assessment to disaster response. This course integrates training in GIS with field data collection methods using GPS & Remote Sensing to collect environmental data used interpretively by GIS. Students should have a working knowledge of Windows to be successful in this course. This course may be taken once for credit towards the certificate and repeated once for credit to enhance student skills and proficiency level. Possible day field trips are scheduled to visit local industries and for GPS field work.

HEM 046
Heavy Equipment Fuel Systems & Performance

4 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

This course is intended for students entering the field of Heavy Equipment Maintenance and Repair or students that are currently in the industry looking to advance their knowledge of Heavy Equipment Maintenance and Repair. This course will provide instruction on the principles of heavy equipment diesel fuel systems and performance. Instruction on technical reference materials, parts and service books, computer systems and programs used by the service technicians will be covered.

HEM 048
Heavy Equipment Powertrains II

4 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; HEM 045

This course is intended for students with basic knowledge in the field of Heavy Equipment Maintenance and Repair or students that are currently working in the industry who are looking to advance their skills in Heavy Equipment Maintenance and Repair. This course will provide instruction on the advanced principles of Heavy Equipment Powertrain Maintenance and Repair. The HEM 048 course will focus on heavy equipment powertrain components and how power flows from the engine to the ground. Instruction on technical reference materials, parts and service books, computer systems and programs used by the service technicians will be covered.

HEM 049
Heavy Equipment Hydraulics II

4 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; HEM 043

This course is intended for students with basic knowledge in the field of Heavy Equipment Maintenance and Repair or incumbent worker/students that are currently in the industry looking to advance their knowledge of Heavy Equipment Hydraulics Systems Operation and Maintenance. This course will provide instruction on the advanced principles of Heavy Equipment Hydraulics, Components, Operation and Maintenance.
HEM 049 course will focus on heavy equipment hydraulic components operation with an emphasis on electro-hydraulic control systems, flow control and systems cleaning and maintenance. Instruction on technical reference materials, parts and service books, computer systems and programs used by the service technicians will be covered.

HEM 290

Cooperative Work Experience/Internship for Heavy Equipment Maintenance & Repair Related Fields

1 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; Transfers to: CSU
This course supports and reinforces on-the-job training in business and industrial establishments under the supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is related to the heavy equipment maintenance field and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures". Student Unpaid Internship: 1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours
Student Paid Internship: 1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.

HIST 101

History of World Civilization to the 17th Century

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; Transfers to: UC, CSU
This course is a survey of the political, economic and social development of world civilization up to the 17th century. Special emphasis is placed on the origins of the earth's principal centers of civilization, their subsequent interaction, and the emergence of a world economic, political, and intellectual order. This course is designed for the student who wishes to increase their understanding and appreciation of cultural, political, and intellectual diversity, as well as the process of intercultural interaction.
History of World Civilization, 1500 to the Present

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment/Transfers to: UC, CSU
This course is a survey of the political, economic, and social development of world civilization from 1500 to modern times. Special emphasis is placed on the origins and development of the world economic system and the corresponding cultural, intellectual, and social currents that have characterized most of the world's leading societies since 1500. This course is intended for the student who wants to increase their understanding of and appreciation of both the diversity and the unity of the modern world.

HIST 143

History of the United States to 1877

3 Credits/(Formerly HIST 017)/Advisory: ENGL 030 or ENLA 034 or appropriate assessment/Transfers to: UC, CSU
This course is a survey of United States history from Native American origins to post Civil War Reconstruction. Social, economic, political and cultural developments are explored with an emphasis on the independence movement, Revolutionary War, the new Republic, westward expansion and the Civil War. This course is designed for students interested in the foundational history of the United States. It is recommended for all history majors and fulfills the CSU/UC American Institutions requirement and the American Institutions requirement for the Associate degree.

HIST 143H

History of the United States to 1877

3 Credits/Prerequisite: ENGL 101 with a grade of "C" or better/Advisory: READ 023 or appropriate assessment/Transfers to: UC, CSU
This course is a survey of United States history from Native American origins to post Civil War Reconstruction. Social, economic, political and cultural developments are explored with an emphasis on the independence movement, Revolutionary War, the new Republic, westward expansion and the Civil War. This course is designed for students interested in the foundational history of the United States. It is recommended for all history majors and fulfills the CSU/UC American Institutions requirement and the American Institutions requirement for the Associate degree. This course is intended for those who meet Honors Program requirements.
HIST 144

History of the United States Since 1865

3 Credits
(Formerly HIST 018)<p>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment</p><p>Transfers to: UC (credit limit*), CSU</p><p>*Students will receive credit from UC for only one of the following courses: HIST 144 or HIST 144H</p><p>This course provides a survey of the political, social, economic, and cultural development of the United States from Reconstruction (1865) to the present. Some topics addressed are the socio-political and economic impact of Reconstruction, the American West, capital and labor in the age of enterprise, America as an emerging world power, World War I, World War II, the Vietnam Era, the Cold War, the new world order, Clinton, and the Bush Administration to the present. This course fulfills the American Institutions requirement for the Associate Degree. It is also recommended for all History majors.</p>

HIST 158

History of Minorities: African Americans and American Indians

3 Credits
(Formerly HIST 020B)<p>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment</p><p>Transfers to: UC (credit limit*), CSU</p><p>*Students will receive credit from UC for only one of the following courses: HIST 159 or HIST 159H</p><p>This course surveys the roles selected minorities have played in the historical development of the United States from the earliest times to the present. Emphasis is placed on the history and cultural contributions of Mexican Americans, Asian Americans, and American Women.</p>
American women. This course is intended for those wishing to fulfill the American Institutions requirement for the Associate degree and CSU and those who desire a better understanding of the history of minorities in the United States.  

70135  CLAS  8/24/13 - 12/14/13  TR  1250 - 1415  Dustin Black  A224  
70136  VC  10/7/13 - 12/14/13  Ned Lazaro  

**HIST 167**  
**History of California**  
3 Credits/(Formerly HIST 039)</br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment</br>Transfers to: UC, CSU</br>This course provides an overview of California history from the first aboriginal inhabitants to modern times. Cultural, political, social and economic development will be addressed in the context of history. The development of contemporary institutions and the historical context of current issues will be addressed. This course is suitable for students seeking further understanding of California's past and present, and those preparing for a career in teaching at the elementary level.  

70137  VC  10/7/13 - 12/14/13  Irma Valdivia  

**HIST 170**  
**Women in American History**  
3 Credits/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment</br>Transfers to: UC, CSU</br>This course is a survey of the role, status, and contributions of women of different ethnic groups and social classes in American society from earliest times to the present, with an emphasis on the twentieth century. Special attention will be given to an understanding of how gender has shaped women's options and expectations within the private and public spheres of society. This course is designed for the student who wants to learn more about women's history in America and is recommended for all history majors.  

70138  CLAS  8/24/13 - 12/14/13  TR  1250 - 1415  Elizabeth Young  A223  

**HS 050**  
**Nurse Assistant Pre-Certification Training Course**  
5.5 Credits/(Formerly HS 035)</br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment</br>This course is designed for students who have expressed an interest in an entry level nursing course. This course meets Title 22 regulations for taking care of the geriatric population in a long term care setting, utilizing skills in basic care, emergency care and communication. The Nurse Assistant Pre-Certification training course consists of a combination of 64 hours of classroom instruction and 120 hours of supervised clinical practice in long term facilities. This course prepares the student to take the California state certification exam to become a Certified Nurse Assistant (CNA). After obtaining the state certification, the student may find employment in the acute care, long term care or assisted living settings. According to Title 22 regulations, the student who has completed the training program (HS 050) may take the competency state exam. If the student fails the state exam, they may repeat the exam two times before they must take this entire training program (HS 050) again.  

71077  CLAS  8/24/13 - 12/14/13  T  0730 - 1120  Patricia Luna  L408  
LAB  8/24/13 - 12/14/13  W  0700 - 1415  Patricia Luna  El Encanto Health Rehab Center  
71080  CLAS  8/24/13 - 12/14/13  T  0730 - 1120  Patricia Luna  L408  
LAB  8/24/13 - 12/14/13  R  0700 - 1415  Elizabeth Tabb  El Encanto Health Rehab Center
HS 060

Health Science Core

5 Credits/(Formerly HS 020)<br>Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment<br>This is a basic course which focuses on medical terminology, normal body structures and functions, the principles of nutrition, and the relationship of nutrition to health. It provides a strong foundation for all students entering the health care field. This course is a prerequisite for the Vocational Nursing Program.<br>

HUM 110

Survey of Humanities

3 Credits/(Formerly HUMAN 110, 001A)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course provides an interdisciplinary presentation of cultural forces, providing the student with a comprehensive view of the most vital artistic, literary, philosophical, religious and architectural movements within the Western, Eastern and Meso-American traditions from the Egyptians to the 1500s. This course is intended for students who wish to further their understanding of the major cultural developments from around the world.<br>

HUM 111

Survey of Humanities

3 Credits/(Formerly HUMAN 111, 001B)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course provides an interdisciplinary presentation of cultural forces, providing the student with a comprehensive view of the most vital artistic, literary, philosophical, religious, scientific and architectural movements within the Western, Eastern and Latin American traditions from the Renaissance to the 20th century. This course is intended for students who wish to further their understanding of major cultural developments around the world.<br>

HUM 125

Introduction to Mexican Culture

3 Credits/(Formerly HUMAN 125, 002)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following courses: HUM 125 or HUM 125H)<br>This course provides an interdisciplinary presentation of vital artistic, literary, architectural, musical, political, religious and historical
movements within Mexico spanning from Pre-Cortesian to contemporary times. This course is designed for students who wish to further their understanding of major Mexican cultural and historical developments.<br>

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<td>CLAS</td>
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<td>ENGL 101 with a &quot;C&quot; or better</td>
<td>READ 023 or appropriate assessment</td>
<td>UC (credit limit*), CSU</td>
<td>This course provides an interdisciplinary presentation of vital artistic, literary, architectural, musical, political, religious and historical movements within Mexico spanning from pre-Cortesian to contemporary times. This course is designed for students who wish to further their understanding of major Mexican cultural and historical developments. This course is designed for students eligible for the Honors Program.</td>
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<td>HUM 130</td>
<td>CLAS</td>
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<td>ENGL 030 or ENLA 034 or appropriate assessment</td>
<td>ENGL 035 or ENLA 100 or appropriate assessment</td>
<td>UC, CSU</td>
<td>This course provides a contemporary interdisciplinary examination of the most vital Mexican-American literary, artistic, musical, theatrical, social, political and historical movements. This course is designed for students who wish to further their understanding of major Mexican-American cultural contributions to contemporary society.</td>
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<td>HUSR 111</td>
<td>CLAS</td>
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<td>ENGL 035 or ENLA 100 or appropriate assessment</td>
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<td>UC</td>
<td>This course is an introduction to the history and philosophy of human services in contemporary society. The function and objectives of human service organizations as well as the qualifications of the professional will be emphasized. A survey of the populations served in the field will focus on cultural, social, economic and historical trends. The course is designed for students pursuing careers in social work, counseling or community organizing.</td>
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<td>UC</td>
<td>This course provides an interdisciplinary presentation of vital artistic, literary, architectural, musical, political, religious and historical movements within Mexico spanning from pre-Cortesian to contemporary times. This course is designed for students who wish to further their understanding of major Mexican cultural and historical developments. This course is designed for students eligible for the Honors Program.</td>
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3 Credits/(Formerly HUSER 118, PSY 118)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course provides an introduction to current perspectives with respect to the management of chemical dependency. Through an examination of alcoholism as a model of drug dependence, the treatment of and recovery from such disorders will be explored from two divergent perspectives: the reformative and the transformative. Current treatment modalities will be compared and contrasted in terms of their view of the individual in both the social and clinical context. The class experience itself will serve as an intervention by challenging students to examine their existing ideas about treatment and recovery from substance use disorders. Suitable for students interested in furthering their understanding of substance dependence and those interested in working with populations recovering from or at risk for such problems.<br>70162 CLAS 8/24/13 - 12/14/13 W 1900 - 2210 Geoffrey Milam A205<br><br>HUSR 126<br><br>Counseling the Family of the Addicted Person<br>3 Credits/(Formerly HUSER 126, PSY 126)<br>Advisory: ENGL 035 OR ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course provides an overview of the systems approach to counseling the chemically dependent family. Alcoholism will be used as a model for developing counseling skills through the analysis and examination of the relationships that develop in the addicted family system. An experiential format will be employed as students participate in exercises that lead to the development of the necessary skills. This course is designed for those working with or preparing to work with the drug dependent and those around them.<br>70164 CLAS 8/24/13 - 12/14/13 W 1900 - 2210 Mary Clark A229<br><br>HUSR 130<br><br>Essential Counseling Skills<br>3 Credits/(Formerly HUSER 130, PSY 130)<br>Advisory: ENGL 035 OR ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course focuses on critical counseling skills and strategies within a multicultural context. The course provides a vital orientation to the helping process and the counseling profession. Current issues within the counseling profession, such as diversity and multiculturalism, are discussed and integrated throughout the course. A unique focus is given to the student's growth and development as a counselor and how the student can best use supervision in this developmental process. This course would be of benefit to anyone working in a human service or social services setting.<br>73254 CLAS 8/24/13 - 12/14/13 TR 1420 - 1545 Cristina Cota EM104<br><br>HUSR 199<br><br>Fieldwork in Human Services<br>3 Credits/(Formerly HUSER 199, PSY 199)<br>Prerequisite: PSY 101 or SOC 101 with a minimum grade of "C" or better, OR consent of instructor.<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course offers the student a supervised field experience in a community organization, agency, or institution, allowing the student to apply knowledge and learn new skills outside of the classroom environment. A weekly class meeting provides the academic element to this experiential course offering and reinforces the application of concepts gained in the prerequisite course or courses. This course is designed to provide the student with an opportunity to develop skills that would facilitate gaining employment in the human services field.
CLASS SCHEDULE
Fall 2013

JAPN 101
Japanese I

4 Credits (Formerly JAPAN 101)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course provides the student with an introduction to the Japanese language and culture. The course stresses oral and written proficiency through fundamental use of the Japanese language as well as the Hiragana and Katakana script. Students will also receive an introduction to Kanji characters. In addition to classroom discussion, students receive intensive individualized oral-aural practice in the language laboratory via interactive websites, audio CDs, video programs, and CD ROMs. Various facets of Japanese history, culture, and civilization will also be analyzed via cross-cultural comparisons. This course is intended for those interested in learning to speak Japanese as well as for those seeking a degree in the Japanese language.

JOUR 110
Digital Photo Journalism

3 Credits (Formerly JOUR 010)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course provides an introduction to students in the process of taking photographs using digital cameras, digital video cameras, and digital printing devices, as well as computer skills, photo-composition, printing and scanning techniques using Photoshop for the use of publication, and other computer skills related to contemporary photo journalism. Assignments may include work for college publications. Class is recommended for students majoring in journalism or photography.

JOUR 120
Communications Reporting and Writing

3 Credits (Formerly JOUR 020A)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
The course is an introduction to the writing and editing techniques used in the newspaper industry, with an emphasis on gathering information and the principles of clarity and conciseness. Students will use computers during class and lab times. This course is intended for students who are pursuing the Associate of Science Degree/Certificate of Achievement in Mass Communications with either Mass Media or Print Media Specializations.

JOUR 147
Broadcast News

3 Credits (Formerly JOUR 047)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is for students interested in
writing for radio and television and is an introduction to the principles and techniques of broadcast news with special reference to the gathering and writing of news for radio and television, script writing, interviewing, and the procedures and techniques of presenting the news for broadcast. Each student will be assigned to write, direct, edit, and oversee the production of a video broadcast for the college's digital newspaper during the semester.<br>

JOUR 220

Advanced Reporting and Writing

3 Credits/Formerly JOUR 020B

Prerequisite: JOUR 120 with a grade of "C" or better

Transfers to: CSU

This course is designed to meet lower division requirements for Journalism majors which are transferable to four-year institutions. JOUR 220 is a continuation of JOUR 120 with emphasis on improvement of basic skills. This course concentrates on writing and editing of more advanced news and feature stories and other factual forms for newspapers. Students will study methods of preparing material intended for publication.<br>

JOUR 241

Newspaper Production I

4 Credits/Formerly JOUR 041

Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment

Advisory: READ 023 or appropriate assessment

Transfers to: CSU

This course is intended for students wanting to learn production and management techniques for a college newspaper. Students will be shown basic techniques for writing and producing the campus newspaper, El Paisano. Students will be shown through lecture and demonstration the proper techniques for gathering editorial, photo, and layout content for the newspaper, as well as copy editing and proofreading.

JOUR 242

Digital Newspaper Production I

4 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course is intended for students wanting to learn the production and management techniques of the college newspaper El Paisano as an online publication. Students will be shown basic techniques for writing and producing a campus online newspaper. Students will be shown through lecture and demonstration the proper techniques for gathering editorial, photo, layout, and video content for an online newspaper and entering and placing the information on the pages of El Paisano online.

JOUR 243

Newspaper Production II

4 Credits/Prerequisite: JOUR 241

Advisory: READ 023 or appropriate assessment
Transfers to: CSU This course is intended for students wanting to continue in an advanced degree the production and management techniques of the college newspaper. Students will continue writing and producing El Paisano, the campus newspaper, through continued lectures and advanced demonstrations and the proper techniques for writing, proofreading, layout by learning Quark Express and photo enhancements through Photoshop. Students will be expected to serve in leadership roles and cover a major or public affairs beat.

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<th>73270</th>
<th>CLAS</th>
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<th>MW 1115 - 1215</th>
<th>John Francis</th>
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<td>LAB</td>
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**JOUR 244**

Digital Newspaper Production II

4 Credits/Prerequisite: JOUR 242 Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment Transfers to: CSU This course is intended for students wanting to continue in an advanced degree the production and management techniques of the college newspaper El Paisano as an online publication. Students will continue to work on writing for the online newspaper but will learn, by hands-on development, actual video broadcasts by using station video equipment that will encompass the entire Rio Hondo campus and areas of interest within the community. Students will also work on KRHC, the student radio station to develop audio news programs for the station. Those students wishing to may also develop photo slide presentations of action taken through student activities on campus for the online publication.

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**JOUR 290**

Cooperative Work Experience/Internship for Journalism Related Fields

1 Credits/Prerequisite: JOUR 120 Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment Transfers to: CSU This course supports and reinforces on-the-job training in journalism related fields under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in an area of journalism related fields and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose intended job is related to the field of journalism and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures". Student Unpaid Internship: 1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours Student Paid Internship: 1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.

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</table>

**JOUR 299**

Directed Study: Journalism
1 Credits/(Formerly JOUR 100)<p>Transfers to: UC, CSU<p>Independent Study/Directed Study is intended for students who have the ability to assume responsibility for independent work and to prepare written or oral reports and/or appropriate projects. To enroll in an independent study/directed study course, students must possess a 2.5 overall grade point average, a 3.0 grade point average in the discipline of study being requested, or receive an exception from the instructor. Independent Studies/Directed Studies may be developed from any topic arising from or related to a course of study that will result in developing depth and breadth in that subject area. Students will be expected to meet on a regular basis with their faculty sponsor and submit a final report or project, and student progress shall be evaluated at regular intervals. Academic standards for Independent Studies/Directed Studies shall be the same as those for other courses. Units are awarded in accordance to Title V regulations with one unit of credit awarded for 54 hours of Directed Studies, six (6) hours of which must be with an instructor. The instructor is responsible for monitoring student progress through the semester. Students may take directed study courses for a maximum of four (4) units within a discipline, and may not accumulate more than a total of twelve (12) units college wide.<br><br>73272  ARR  8/24/13 - 12/14/13  John Francis<br><br>LIB 101<br><br>Fundamentals of Library Research<br><br>3 Credits/(Formerly LIB 001)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CIT 100A<p>Transfers to: UC, CSU<p>This course promotes information literacy by introducing students to the resources available in an academic library, including books, online catalogs, online databases, and Web sources. Students learn how to define their research problem, apply appropriate search tools, analyze and evaluate information and search strategies, and use information ethically and legally. The critical thinking skills and research strategies learned in this class will benefit students who need to find information for college-level research assignments, career demands, and lifelong learning.<br><br>71436  VC  8/24/13 - 12/14/13  Carolyn Oldham<br>73293  CLAS  8/24/13 - 12/14/13  T  1725 - 1855  Adele Enright  LR224<br>VC  8/24/13 - 12/14/13  Adele Enright<br><br>LIT 102<br><br>Approaches to Literature<br><br>3 Credits/(Formerly LIT 001B)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<p>Transfers to: UC (credit limit*), CSU<p>This course is designed for students who wish to study the four general literary forms: poetry, drama, short story, and novel. Emphasis is placed on critical thinking, critical reading, and composing. Compositions will be based upon discussion, analysis and interpretations of literature, and upon the relationship of Western and Non-Western literature to contemporary thought.<br><br>71358  CLAS  8/24/13 - 12/14/13  MW  0805 - 0930  Beverly Reilly  A213<br>71359  VC  8/24/13 - 12/14/13  Theresa Freije<br>73215  CLAS  8/24/13 - 12/14/13  TR  1420 - 1545  Theresa Freije  A215<br><br>LIT 102H<br><br>Approaches to Literature<br><br>3 Credits<br>Prerequisite: ENGL 101 with a "C" or better<p>Advisory: READ 023 or appropriate
CLASS SCHEDULE
Fall 2013

This course is designed for students who wish to study the four general literary forms: poetry, drama, short story, and novel. Emphasis will be placed on critical thinking, critical reading, and composing. Compositions will be based upon discussion, analysis and interpretations of literature, and upon the relationship of Western and Non-Western literature to contemporary thought. This course is intended for students eligible for the Honors Program.

LIT 112A
American Literature

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; UC (credit limit*). This course explores a range of American literature, with a focus on major texts and writers from the early settlement to 1865. Representative writers include Bradstreet, Bradford, Franklin, Douglass, Paine, Lincoln, Emerson, Thoreau, Poe, Melville, and Dickinson. Course reading and writing assignments explore major cultural and historical themes, including the pre-colonial exploration of the Americas, Native American literary contributions, the Revolutionary and Civil Wars, transcendentalism, and romanticism. This course is designed for students interested in exploring various genres of literature, students interested in learning more about cultural expression in the Americas, and students majoring in English or Liberal Studies.

LIT 112AH
American Literature

3 Credits/Prerequisite: ENGL 101 with a grade "C" or better; READ 023 or appropriate assessment. This course explores a range of American literature, with a focus on major texts and writers from the early settlement to 1865. Representative writers include Bradstreet, Bradford, Franklin, Douglass, Paine, Lincoln, Emerson, Thoreau, Poe, Melville, and Dickinson. Course reading and writing assignments explore major cultural and historical themes, including the pre-colonial exploration of the Americas, Native American literary contributions, the Revolutionary and Civil Wars, transcendentalism, and romanticism. This course is designed for students interested in exploring various genres of literature, students interested in learning more about cultural expression in the Americas, and students majoring in English or Liberal Studies. This course is designed for students eligible for the honors program.

LIT 112B
American Literature

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment. This course is designed for students interested in exploring American literature from the mid-nineteenth century to the present. It introduces students, through class discussions and written essays, to representative writers of this period such as Emily Dickinson, Mark Twain, Edith Wharton, Robert Frost, Zora Neale Hurston, William Faulkner, Ernest Hemingway, Tennessee Williams, Lorraine Hansberry, Henry David Hwang, Toni Morrison, Leslie Marmon Silko, Maxine Hong Kingston, Milcha Sanchez-
LIT 114

Children's and Adolescent Literature

3 Credits<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course is an introduction to children's and adolescent literature in its three general literary forms: the short story (including myths, legends, fairy tales, and folk tales), the novel, and poetry. Stress is placed upon critical thinking, critical reading, and composing. This course will explore works of children's literature from ancient times to the present, analyze the literary elements of these works, assess their value for both children and adults, and examine the historical and cultural environments in which they were written, including but not limited to Asian, Latino, Native American, and African cultures. This course is beneficial for English majors, students planning to transfer to a university, parents, and future elementary and secondary teachers.<br>

LIT 140

Introduction to the Novel

3 Credits<br>Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment<br>Advisory: READ 023 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following courses: LIT 140 or LIT 140H)<br>This course introduces students to a variety of approaches to the novel. Course readings will focus on novels selected from different historical periods and within a variety of cultural traditions. Students will gain an understanding of the features that distinguish the novel as a literary genre: narrative structure, point of view, character development, setting, theme, style, imagery and symbol. This course is designed for students interested in learning more about literary expression and students intending to major in a literary or arts-related field of study.<br>

LIT 140H

Introduction to the Novel

3 Credits<br>Prerequisite: ENGL 101 with a "C" or better<br>Advisory: READ 023 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following courses: LIT 140 or LIT 140H)<br>This course introduces students to a variety of approaches to the novel. Course readings will focus on novels selected from different historical periods and within a variety of cultural traditions. Students will gain an understanding of the features that distinguish the novel as a literary genre: narrative structure, point of view, character development, setting, theme, style, imagery and symbol. This course is designed for students interested in learning more about literary expression and students intending to major in a literary or arts-related field of study. This course is intended for students eligible for the honors program.<br>

LIT 142

Introduction to Shakespeare
CLASS SCHEDULE
Fall 2013

3 Credits/(Formerly LIT 042)/Prerequisite:/b> ENGL 035 or ENLA 100 or appropriate assessment<br>/b>Advisory:/b> READ 023 or appropriate assessment<br>/b>Transfers to:/b> UC, CSU<p>This course is designed for students who wish to increase their knowledge and appreciation of Shakespeare's art, his life and times, and his exploration of the human condition. The major works of Shakespeare are explored in the context of the dramatic genre, the Elizabethan theater, and the social, religious, and political milieu of Renaissance England. Representative tragedies, comedies, histories, romances, poetry, and the sonnet cycle are studied.<br>

71371 CLAS 8/24/13 - 12/14/13 T 1900 - 2210 Thomas Callinan A211

LIT 142H
Introduction to Shakespeare

3 Credits/Prerequisite:/b> ENGL 101 with a "C" or better<br>/b>Advisory:/b> READ 023 or appropriate assessment<br>/b>Transfers to:/b> UC, CSU<p>This course is designed for students who wish to increase their knowledge and appreciation of Shakespeare's art, his life and times, and his exploration of the human condition. The major works of Shakespeare are explored in the context of the dramatic genre, the Elizabethan theater, and the social, religious, and political milieu of Renaissance England. Representative tragedies, comedies, histories, romances, poetry, and the sonnet cycle are studied. This course is intended for students eligible for the Honors Program.<br>

72947 CLAS 8/24/13 - 12/14/13 T 1900 - 2210 Thomas Callinan A211

LIT 146A
British Literature

3 Credits/Prerequisite:/b> ENGL 035 or ENLA 100 or appropriate assessment<br>/b>Advisory:/b> READ 023 or appropriate assessment<br>/b>Transfers to:/b> UC, CSU<p>This course is designed for students who are interested in learning about British literature from the Old English period to the beginning of the nineteenth century. The following major British writers will be discussed: Chaucer, Spenser, Shakespeare, Bacon, Donne, Milton, Dryden, Swift, Pope, Johnson, Boswell, Fielding, and others.<br>

71387 CLAS 8/24/13 - 12/14/13 MW 1115 - 1240 Marie Eckstrom A211

LIT 146AH
British Literature

3 Credits/Prerequisite:/b> ENGL 101 with a "C" or better<br>/b>Advisory:/b> READ 023 or appropriate assessment<br>/b>Transfers to:/b> UC, CSU<p>This course is designed for students who are interested in learning about British literature from the Old English period to the beginning of the nineteenth century. The following major British writers will be discussed: Chaucer, Spenser, Shakespeare, Bacon, Donne, Milton, Dryden, Swift, Pope, Johnson, Boswell, Fielding, and others. This course is designed for students eligible for the Honors Program.<br>

71388 CLAS 8/24/13 - 12/14/13 MW 1115 - 1240 Marie Eckstrom A211

LIT 147

Cinema as Literature

3 Credits/(Formerly LIT 047)/Prerequisite:/b> ENGL 035 or ENLA 100 or appropriate assessment<br>/b>Advisory:/b> READ 023 or appropriate assessment<br>/b>Transfers to:/b> UC, CSU<p>This course is for students interested in learning about the aesthetics of film making, especially with regard to adaptation of literature to the cinematic medium. Films will be analyzed and evaluated according to their historical, social, cultural, aesthetic, and technical significance. Both American and international film making will be
LOG 120
Transportation Management

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment; CIT 042; LOG 101
Transfers to: CSU
This course is intended for students seeking a career in logistics or supply chain management. The course provides a study of traffic management principles and techniques that facilitate distribution of the world's commerce. Topics covered in the course include analysis of the major forms of transportation, such as motor, rail, air, water, pipeline, inter-modal, and international; the integration of transportation forms into a distribution system; carrier management and selection, including rate structures, scheduling, outsourcing, private fleet operations, and transportation customers; government regulations on tariffs; and transportation of hazardous materials.

LOG 125
Contract Management

2 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment; CIT 042; LOG 101
Transfers to: CSU
This course is intended for students seeking a career in logistics or supply chain management. The course provides a study of the legal and regulatory requirements applicable to contracts for product transportation and logistics functions and considerations for drafting and negotiating contracts with freight carriers, warehousemen and other logistics service providers.

LOG 135
Quality Management Concepts

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or appropriate assessment; CIT 042; LOG 101
Transfers to: CSU
This course is intended for students seeking a career in logistics or supply chain management. The course provides a study of the basic principles, objectives, and policies of a quality management program. Topics include the implementation of continuous quality improvement and the understanding of the various quality philosophies, such as Deming's 14 points, process management, ISO 9000 certification, Six Sigma efforts, the Baldridge award criteria, and an introduction to statistical process control.

MATH 020
Basic Mathematics

3 Credits/Formerly MATH 068A
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; Individual modules to be taken in sequence
This course is designed for students who need a review of the basic principles and skills of arithmetic. The general areas of review are: operations with whole numbers and fractions; operations with decimals and proportional thinking; percent problems and
applications to percents. Students may enroll in MATH 020 in a lecture section for three units of credit or in individual one-unit modules: MATH 020A, 020B, and 020C in the Math and Science Center (MSC). This is a non-degree credit course.

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**MATH 020A**

Basic Mathematics A

1 Credits (Formerly MATH 068A)

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; Individual modules to be taken in sequence. This course is designed for students who need a review of the basic principles and skills of arithmetic. See MATH 020 for more information.

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**MATH 020B**

Basic Mathematics B

1 Credits (Formerly MATH 068B)

Prerequisite: MATH 020A with a "C" or better

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; Individual modules to be taken in sequence. This course is designed for students who need a review of the basic principles and skills of arithmetic. See MATH 020 for more information.

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**MATH 020C**

Basic Mathematics C

1 Credits (Formerly MATH 068C)

Prerequisite: MATH 020B with a "C" or better

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; Individual modules to be taken in sequence. This course is designed for students who need a review of the basic principles and skills of arithmetic. See MATH 020 for more information.

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**MATH 030**

Prealgebra
CLASS SCHEDULE

Fall 2013

4 Credits/Prerequisite: MATH 020 or MATH 021 or MATH 020C with a "C" or better or appropriate assessment/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment

This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. The course strengthens the student's arithmetic and informal geometry skills, provides an introduction to the abstractions of algebra using fundamental principles of rational numbers, order of operations, and solving linear equations. Students may enroll in MATH 030 in a lecture section for four units of credit, or individual one-unit modules 030A, 030B, 030C, and 030D in the Math and Science Center (MSC).

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<td>0900 - 1105</td>
<td>Jose Martinez</td>
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MATH 030A

Prealgebra A

1 Credits/Prerequisite: MATH 020 or MATH 021 or MATH 020C with a "C" or better or appropriate assessment/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment

This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. See MATH 030 for more information.

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MATH 030B

Prealgebra B

1 Credits/Prerequisite: MATH 030A with a "C" or better/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment

This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. See MATH 030 for more information.

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MATH 030C

Prealgebra C

1 Credits
Prerequisite: MATH 030B with a "C" or better
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. See MATH 030 for more information.

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MATH 030D

Prealgebra D

1 Credits
Prerequisite: MATH 030C with a "C" or better
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
This course is designed primarily for students who know the fundamentals of arithmetic, and have had little or no background in algebra. See MATH 030 for more information.

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MATH 033

Fast-Track Prealgebra

4 Credits
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
This is the first of three math courses designed to allow students to complete developmental math courses at a faster rate of speed than the traditional lecture course. This course combines topics from both Basic Math and Prealgebra, including operations with whole numbers, integers, fractions, decimals and proportional thinking, percent problems and applications to percents, as well as an introduction to algebraic thinking using fundamental principles of expressions and solving linear equations.

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MATH 049

Introduction to MESA

1 Credits
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
This standalone one-unit course is designed for students who participate in the MESA (Mathematics, Engineering, Science Achievement) program at Rio Hondo College. The course will introduce students to Science-Technology-Engineering-Mathematics (STEM) career paths, transfer requirements, internships and scholarships availabilities. The course introduces StrengthsQuest and will assist the student in compiling strengths-based resumes and personal statements. Students are expected to be concurrently enrolled in at least one
MATH 050

Elementary Algebra

4 Credits<br>(Formerly MATH 50)<br>Prerequisite: MATH 030 or MATH 030D or MATH 033 with a grade of "C" or better or appropriate assessment<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>This course is an introduction to the basic principles and skills of algebra. It is designed primarily for those students who have no prior training in algebra or need a review of the fundamentals of algebra. Topics include: numbers and their properties, operations with real numbers, exponents, solutions and graphs of linear equations, slopes of lines, system of linear equations and applications, operations with polynomials including factoring, solving quadratic equations, operations with simple rational and radical expressions. Students may enroll in MATH 050 in a lecture section for four units of credit, or individual one-unit modules 050A, 050B, 050, and 050D in the Math and Science Center (MSC) or online.
### MATH 050B

**Elementary Algebra B**

1 Credit/Prerequisite: MATH 050A with a grade of "C" or better or appropriate assessment
Advisory: ENGL 030 or ENLA 034 or appropriate assessment

This course is an introduction to the basic principles and skills of algebra. It is designed primarily for those students who have no prior training in algebra or need a review of the fundamentals of algebra. See MATH 050 for more information.

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### MATH 050C

**Elementary Algebra C**

1 Credit/Prerequisite: MATH 050B with a grade of "C" or better or appropriate assessment
Advisory: ENGL 030 or ENLA 034 or appropriate assessment

This course is an introduction to the basic principles and skills of algebra. It is designed primarily for those students who have no prior training in algebra or need a review of the fundamentals of algebra. See MATH 050 for more information.

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### MATH 050D

**Elementary Algebra D**

1 Credit/Prerequisite: MATH 050C with a grade of "C" or better or appropriate assessment
Advisory: ENGL 030 or ENLA 034 or appropriate assessment

This course is an introduction to the basic principles and skills of algebra. It is designed primarily for those students who have no prior training in algebra or need a review of the fundamentals of algebra. See MATH 050 for more information.

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### MATH 053

**Fast-Track Elementary Algebra**
4 Credits<br>Prerequisite: MATH 030 or MATH 030D or MATH 033 with a grade of "C" or better or appropriate skill level as determined by participation in the math placement process<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>This is the second of three math courses designed to allow students to complete developmental math courses at a faster rate of speed than the traditional lecture course. It is designed primarily for those students who need to learn the fundamentals of algebra. This course consists of topics including solutions and graphs of linear equations and inequalities, slopes of lines, systems of linear equations and applications, operations with polynomials including factoring and solving quadratic equations.<br>

73306  CLAS  8/24/13 - 12/14/13  MW  1015 - 1220  Lydia Gonzalez  S301
73308  CLAS  8/24/13 - 12/14/13  MW  1300 - 1505  Leah Griffith  S301
73313  CLAS  8/24/13 - 12/14/13  TR  1645 - 1850  Jan La Turno  S301

MATH 060  
Geometry  

3 Credits  
(Formerly MATH 052)  
Prerequisite: MATH 050 or MATH 050D or MATH 053 with a grade of "C" or better or appropriate assessment  
Advisory: ENGL 030 or ENLA 024 or appropriate assessment  
This course is an introduction to the elements of geometry, including points, lines, planes, and angles. These elements are used in conjunction with triangles, polygonal and circular figures in both two and three dimensional configurations. Formulas for computing lengths, areas, and volumes are presented through the use of applications. This course is intended for students who have not had or completed two semesters of high school geometry or who need a refresher prior to taking trigonometry, technology courses, mathematics for elementary teachers or other courses with a geometry prerequisite.  

71048  CLAS  8/24/13 - 12/14/13  MW  1115 - 1240  Elaine Hemenway  S226
71049  CLAS  8/24/13 - 12/14/13  TR  1700 - 1825  Michael Hattar  S209

MATH 070  
Intermediate Algebra  

4 Credits  
(Formerly MATH 010)  
Prerequisite: MATH 050 or MATH 050D or MATH 053 with a grade of "C" or better or appropriate assessment  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment  
Transfers to: CSU if taken prior to the Fall Semester, 1988  
This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. This course is a study of linear and quadratic equations and inequalities, system of linear equations, polynomials, exponents and radicals, relations and functions, graphs of functions, exponential and logarithmic expressions and their applications. Students may enroll in MATH 070 in a lecture section for four units of credit or in individual one-unit modules: MATH 070A, 070B, 070C, and 070D in the Math and Science Center (MSC) or online.  

71051  CLAS  8/24/13 - 12/14/13  MTWR  0730 - 0840  George Wang  S226
71054  CLAS  8/24/13 - 12/14/13  MTWR  1015 - 1245  Ryan Bronkar  S311
71055  CLAS  8/24/13 - 12/14/13  TR  0730 - 1000  Mark Littrell  S225
71056  CLAS  8/24/13 - 12/14/13  TR  0800 - 1030  Subhash Malaker  S203
71057  CLAS  8/24/13 - 12/14/13  TR  1015 - 1245  Krydia Mayer  S211
71078  CLAS  8/24/13 - 12/14/13  MW  1115 - 1345  Firouz Mosharraf  S329
71079  CLAS  8/24/13 - 12/14/13  TR  1015 - 1245  Robert Botello  S326
71200  CLAS  8/24/13 - 12/14/13  MW  1230 - 1500  Raymundo Esquivel  S225
71201  CLAS  8/24/13 - 12/14/13  TR  1600 - 1830  Geoffrey McWilliams  S201
MATH 070A

Intermediate Algebra A

1 Credits/Prerequisite:MATH 050, MATH 050D, or MATH 053 with a grade of "C" or better or appropriate assessment/Advisory:ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment/Transfers to:CSU if taken prior to the Fall Semester, 1988

This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. See MATH 070 for more information.

71420 VC 10/19/13 - 12/14/13 Jan La Turno
72889 VC 8/24/13 - 12/14/13 Elaine Hemenway S300
73322 VC 10/19/13 - 12/14/13 Elaine Hemenway S300

MATH 070B

Intermediate Algebra B

1 Credits/Prerequisite:MATH 070A with a grade of "C" or better or appropriate assessment/Advisory:ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment/Transfers to:CSU if taken prior to the Fall Semester, 1988

This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. See MATH 070 for more information.

71421 VC 10/19/13 - 12/14/13 Jan La Turno
72890 VC 8/24/13 - 12/14/13 Elaine Hemenway S300
73323 VC 10/19/13 - 12/14/13 Elaine Hemenway S300

MATH 070C

Intermediate Algebra C

1 Credits/Prerequisite:MATH 070B with a grade of "C" or better or appropriate assessment/Advisory:ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment/Transfers to:CSU if taken prior to the Fall Semester, 1988

This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. See MATH 070 for more information.

71422 VC 10/19/13 - 12/14/13 Jan La Turno
72891 VC 8/24/13 - 12/14/13 Elaine Hemenway S300
73324 VC 10/19/13 - 12/14/13 Elaine Hemenway S300

MATH 070D
CLASS SCHEDULE  
Fall 2013

Intermediate Algebra D

1 Credits
Prerequisite: MATH 070C with a grade of "C" or better or appropriate assessment
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU if taken prior to the Fall Semester, 1988

This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. See MATH 070 for more information.

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MATH 073

Fast-Track Intermediate Algebra

4 Credits
Prerequisite: MATH 050 or MATH 050D or MATH 053 with a grade of "C" or better or appropriate skill level as determined by participation in the math placement process
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment

This is the third of three math courses designed to allow students to complete developmental math courses at a faster rate of speed than the traditional lecture course. This course is designed for students who have completed an elementary algebra course and need to complete an additional course in algebra before proceeding to a college level transferable course. This course is a study of systems of linear equations in more than two variables, radical and rational expressions and equations, complex absolute value equations and inequalities, relations and functions, synthetic division, graphs of functions, exponential and logarithmic expressions and their applications, as well as complex numbers.

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MATH 130

Statistics

4 Credits (Formerly MATH 012)
Prerequisite: MATH 070, MATH 070D, or MATH 073 with a grade of "C" or better or appropriate assessment
Advisory: ENGL 101 or appropriate assessment; READ 101 or appropriate assessment
Transfers to: UC (credit limit*), CSU

(*Students will receive credit from UC for only one of the following courses: MATH 130 or MATH 130H)

This course is designed for students majoring in business, social sciences, and life sciences. This course provides an overview of descriptive and inferential statistics. The students learn to read, interpret and present data in a well-organized way. This includes frequency distributions, graphs, measures of central tendency and variability, correlation and linear regression. While discussing inferential statistics, the students learn to make generalizations about populations. This includes probability, sampling techniques, confidence intervals, and hypothesis tests.

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MATH 140
Mathematics for Elementary Teachers

4 Credits/(Formerly MATH 016A)<p>Prerequisite: </p>MATH 070 or MATH 070D or MATH 073 with a grade of "C" or better or appropriate assessment<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course is designed to deepen and extend the student's understanding of the foundations of the mathematics taught in elementary school. Because it is intended for the student preparing to teach at that level, it frequently refers to and uses materials and methodology appropriate for students at that level, but it is not a methods course. The course is concept-driven with an emphasis on problem solving. Concrete manipulatives are used to give meaning to abstract mathematical concepts. Topics include numeration and place value concepts, models and algorithms for operations with whole numbers, integers, fractions and decimals, and the structure and properties of the real number system.<p>

MATH 160
College Algebra

4 Credits/(Formerly MATH 002)<p>Prerequisite: </p>MATH 070 or MATH 070D or MATH 073 with a grade of "C" or better or appropriate assessment<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC (credit limit *), CSU<br>(*Students will receive credit from UC for only one of the following courses: MATH 160 or MATH 165 or MATH 180)<p>This course will cover linear, quadratic, polynomial, power, exponential, and logarithmic functions and their applications from a graphical, numerical, and analytical point of view. The course also will cover systems of equations and inequalities and sequences and series. The course serves as preparation for students planning to take Elements of Calculus (MATH 170). Graphing technology will be required.<p>

MATH 170
Elements of Calculus

4 Credits/(Formerly MATH 013)<p>Prerequisite: </p>MATH 160 with a grade of "C" or better or appropriate assessment<br>Advisory: ENGL 101; READ 101<br>Transfers to: UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following courses: MATH 170, MATH 190, or MATH 190H)<p>This is a one-semester course in the fundamentals of algebra-based calculus and its applications to the fields of business, economics, social sciences, biology and technology. Course topics include graphing of functions, derivatives and integrals of polynomials, exponential and logarithmic functions, applications of derivatives and integrals, multi-variable derivatives and differential equations.<p>

MATH 175
Plane Trigonometry

3 Credits/(Formerly MATH 090, 033)<br>Prerequisite: MATH 060 and MATH 070 or MATH 070D or MATH 073 with a grade of "C" or better or appropriate assessment<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course is designed for students who are majoring in math, science, and engineering. This course equips students with the skills necessary for success in pre-calculus. It presents the concepts of plane trigonometry using a functions approach. Included is a study of basic relations, functions, and transformations, as well as circular functions, trigonometric functions of angles, identities, inverse functions and their equations and solutions of triangles.

71311  CLAS  8/24/13 - 12/14/13  TR  0800 - 1005  Ryan Bronkar  S311
71315  CLAS  8/24/13 - 12/14/13  MW  1045 - 1250  Robert Botello  S209
71316  CLAS  8/24/13 - 12/14/13  MW  1415 - 1620  Firouz Mosharraf  S326

MATH 180

Pre-Calculus

4 Credits/(Formerly MATH 004)<br>Prerequisite: MATH 175 with a grade of "C" or better or appropriate assessment<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 101 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU<br>This course is designed to prepare students for the study of calculus. It presents a comprehensive study of linear, quadratic, polynomial, exponential, logarithmic, rational, and trigonometric functions. Inequalities, introductory analytical geometry, polar coordinates, polar equations and their graphs, DeMoivre's Theorem and an introduction to sequences are also included. This course is a prerequisite for MATH 190.

71317  CLAS  8/24/13 - 12/14/13  MW  1015 - 1145  Leah Griffith  S225
8/24/13 - 12/14/13  MW  1150 - 1220  Leah Griffith  S225
71318  CLAS  8/24/13 - 12/14/13  TR  1045 - 1250  Gregory Miller  S329

MATH 190

Calculus I

4 Credits<br>Prerequisite: MATH 180 with a grade of "C" or better or appropriate assessment<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 101 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU<br>This course is designed primarily for those students planning to pursue programs in engineering, mathematics, computer science, and physical sciences. This course includes topics of differential and integral calculus of a single variable.

71319  CLAS  8/24/13 - 12/14/13  TR  1015 - 1245  Alan Archambault  S330
71320  CLAS  8/24/13 - 12/14/13  MW  1315 - 1545  Alan Archambault  S209

MATH 191

Calculus II

4 Credits<br>Prerequisite: MATH 190 or MATH 190H with a grade of "C" or better or appropriate assessment<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 101 or appropriate assessment<br>Transfers to: UC, CSU<br>MATH 191 is a semester course which continues the study of calculus begun in MATH 190. The course includes techniques of integration, improper integrals, anti-derivatives, application of the definite integral, differential equations, Taylor polynomials, series, vectors, the dot product and the...
cross product. This course is the second course of the calculus sequence required of engineering, physics, and mathematics majors.<br>

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This course is designed for the student who is considering a career in management and is seeking an entry-level career position with a company in retailing, industry, or the government. This course examines the role of the first-line manager and/or supervisor within the organization and emphasizes the application of management functions in effective supervision. Topics include an overview of management principles in direct and straightforward terms, critical concepts and insights into real world practice and challenges.

This course covers the principles of effective writing in business. Extensive experience is provided using the different forms of business writing-memorandums, letters, reports, and resumes. Cultural differences and their impact on communicating in business will be studied. This course is designed for students pursuing careers in business.

This course is designed for the student who is seeking a career in management or is currently in a leadership role and wants a better understanding of human relation skills and techniques. Topics covered in the course include leadership, teamwork, communication, group problem solving, diversity, motivation, and managerial organizations. These topics will apply to both a diverse and competitive environment.

This course is designed for those students interested in small business, either in a domestic or international market. Topics include start-up methods and techniques, management and operations, marketing, financing and cash management, location strategies, personnel practices, buying and selling strategies, and e-commerce. This course will also provide students with an opportunity to develop a business plan as it pertains to their small business interest.
MGMT 140

Introduction to International Business

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course is designed to provide students with a global perspective of business and acquaint students with the relationship of culture, politics, laws, and economics to operation in today’s complex global business environment. The subjects covered will include international trade and finance, confidentiality and privacy, international marketing, and international human resources management. This course is designed for students looking for entry-level positions in the field of international business.

MGMT 141

International Marketing

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course is designed to provide students with an in-depth study of international marketing. International market opportunities and the determination of marketing objectives will also be explored. The students will evaluate the marketing research data and analyze selected approaches that affect the marketing mix for specific markets to coordinate strategies in global world markets. This course is designed for the marketing-oriented students and those interested in furthering their knowledge and understanding of international business.

MGMT 142

International Management

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

This course is designed to provide students with a compressive overview of the management practice as it relates to international business. An emphasis will be placed on the planning, problem solving, organizational structure, human resource management, and production management as it relates to international competition. These functions of management will all be evaluated and examined under international competitive situations and cross cultural boundaries. This course is designed for international business major and those interested in furthering their knowledge of business culture, strategy and behavior issues in the global context.

MGMT 144

International Banking and Finance

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: CSU

The introductory course provides an understanding of international
finance, international banking, monetary systems, sources of funds, methods of payments and methods for assessing financial risk. It includes an understanding and appreciation of the relationship between government (international, national, and local) and international banks. The course is designed for students who want to enter the International Finance/Banking field or for those who wish to further their knowledge and understanding of International Banking & Finance.

MGMT 146
Human Resources Management
3 Credits/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment/Transfer to: CSU
This course is designed to study employer-employee relationships with particular emphasis on the challenges facing an expanding multicultural workforce in Southern California. Topics include: legal framework; personnel policies and procedures; implementing equal employment and affirmative action; legal aspects of supervision; training and development; interviewing; testing; wage and salary administration, job analysis and description; recruitment; transfers; promotions; and principles of collective bargaining.

MGMT 150
Principles of Management
3 Credits/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment; MGMT 101/Transfer to: CSU
This course is designed for the student who is seeking a career in management or for the student who needs to expand his/her knowledge of management techniques and organizational methods. In this course, students will learn the theory and application of managerial functions as it applies to planning, organizing, leading, and controlling organizations. Additional topics to be covered will include the history of management, and practical management techniques, practices, and problem solving methodologies. The topics of employee empowerment, characteristics and qualities of successful managers, and contemporary trends in management will also be explored in this course.

MGMT 155
Principles of Leadership
3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment/Transfer to: CSU
This course is intended for professionals who want to develop an understanding of leadership principles. The course explores the differences between leadership and management, the approaches used to define leadership, and methods used to assess leadership behavior. Various instruments for assessing leadership are examined and discussed. Other topics examined include leadership in teams and leadership of change initiatives.

MGMT 160
Principles of Project Management
3 Credits  Formerly CIT 195
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CIT 101
Transfers to: CSU
This course develops the project management skills needed to define, plan, lead, monitor, and complete projects in any type of industry. Specific topics include managing project integration, scope, time, cost, quality, human resources, communications, risks, and procurement. In addition, the five phases of a project are explored; initiating, planning, executing, controlling, and closing. This course is intended for professionals who want to learn or improve the skills of project management.

MGMT 290
Cooperative Work Experience/Internship for Business Management Related Fields

1 Credits
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course supports and reinforces on-the-job training in business and industrial establishments under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is related to the field of Business Management and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures".
Student Unpaid Internship: 1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours
Student Paid Internship: 1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours

MRKT 170
Elements of Marketing

3 Credits
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment; MGMT 101
Transfers to: CSU
This course is designed for the student who is interested in a career in marketing or gaining an entry-level marketing position with a retail, industrial, service, or consumer product company. Discussion of marketing concepts, strategies, and techniques will take place in an environment that reflects new technologies and international competitiveness. The topics in the course will include marketing concepts, functions, operations, and organizations of retail and wholesale enterprises; distribution channels; market research; advertising; marketing costs; pricing; cooperative marketing, marketing legislation and regulations and trends.
This class investigates and analyzes the reasons why consumers select, purchase, use, and dispose of goods and services to satisfy their personal and household needs. Topics to be explored include consumer culture, group influence, consumption patterns, and consumer attitudes and lifestyles as well as other relevant topics. This class is appropriate for the marketing major and anyone who wants to know why people buy.

**MRKT 173**

**Principles of Selling**

3 Credits/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment

This course is designed for the student interested in a sales position or those currently in the sales field needing further training or hoping to transition to a management or marketing manager position. The course will focus on relationship selling and developing productive selling environments. In addition, prospecting techniques, approach strategies, presentation and demonstration skills, overcoming selling objections, and closing techniques will provide the core of the material covered in this course.

**MRKT 175**

**Retail Management**

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MGMT 101

This course is designed for the student pursuing a career in retail management or desiring to own their own retail business. Class discussions will explore the topics of customer buying behavior, retail market strategy, retail site location, and human resources management. Case studies and experiential exercises will be used to help students understand additional topics including customer service, store management, retail pricing, supply chain management, and merchandise management.

**MSCM 128**

**Mass Media in Modern Society**

3 Credits/(Formerly MASSC 128, 028)/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

(*Students will receive credit from UC for only one of the following courses: MSCM 103 or MSCM 128)

This course in mass media surveys the history, format, laws, and significant contributors in American mass communications. Through projects and readings, students research and discuss such issues as free press, fair trial, foreign communications systems, and the relationship between free media and a democratic society.

**MUS 101**

**Fundamentals of Music**

3 Credits/(Formerly MUSIC 101, 001)/Advisory: READ 023 or appropriate assessment

This is a course designed for the student interested in the fundamentals of music theory. Included in this class will be a study of basic notation, rhythm reading, major and
minor scale construction, simple musical analysis and basic chord construction.<br>

70771  CLAS  8/24/13 - 12/14/13  MW  0940 - 1105  Jannine Livingston  M111
70774  CLAS  8/24/13 - 12/14/13  TR  0940 - 1105  Frank Accardo  M124
72210  CLAS  8/24/13 - 12/14/13  MW  1605 - 1730  Linda Brown  M124
73281  CLAS  8/24/13 - 12/14/13  TR  1420 - 1545  Marci Katznelson  EM103

MUS 103

Music Theory I

3 Credits/\(b\)\(>(Formerly MUSIC 103, 003A)\</b><p><b>Prerequisite:</b> MUS 101 with a "C" or better<br><b>Advisory:</b> READ 023 or appropriate assessment<br><b>Transfers to:</b> UC, CSU<br>This course is designed for the student who wants to study the basic materials of harmony and musicianship: scales, keys, intervals, chords, chord connections, part writing, and inversions. Also included is ear training, melodic and harmonic dictation, and harmonic analysis. Required of all music majors.<br>

70775  CLAS  8/24/13 - 12/14/13  TR  1425 - 1550  Steven Moshier  M111

MUS 106

Beginning Musicianship I

3 Credits/\(b\)\(>(Formerly MUSIC 106)\</b><p><b>Prerequisite:</b> MUS 101 with a "C" or better<br><b>Advisory:</b> READ 023 or appropriate assessment<br><b>Transfers to:</b> UC, CSU<br>This course is designed for the student who wants to develop beginning aural skills, sight-reading, sight-singing and rhythmic interpretation skills. It is recommended for all instrumentalists, singers and composers.<br>

70776  CLAS  8/24/13 - 12/14/13  MW  1515 - 1640  Steven Moshier  M111

MUS 107

Beginning Musicianship II

3 Credits/\(b\)\(>(Formerly MUSIC 107)\</b><p><b>Prerequisite:</b> MUS 106<br><b>Advisory:</b> READ 023 or appropriate assessment<br><b>Transfers to:</b> UC, CSU<br>This beginning level course is designed for the student who wants to continue developing aural skills, sight-reading, sight-singing and rhythmic interpretation skills. It is recommended for all instrumentalists, singers and composers.<br>

70777  CLAS  8/24/13 - 12/14/13  MW  1515 - 1640  Steven Moshier  M111

MUS 110

College Community Orchestra

1 Credits/\(b\)\(>(Formerly MUSIC 110, 111)\</b><p><b>Advisory:</b> MUS 101<br><b>Transfers to:</b> UC, CSU<br>This course is designed for the instrumental music student who wants to become familiar with the vast body of orchestral music. It provides players an opportunity to develop their own musical capabilities as well as participating in ensemble playing. Students are expected to provide their own instruments.<br>

70778  CLAS  8/24/13 - 12/14/13  M  1800 - 2115  Deborah Carnahan  Whittier High School

MUS 116

Music Ensemble for Diverse Instruments I
2.5 Credits / (Formerly MUSIC 116) This course is designed for the electric and acoustic instrumental student, the vocal student, and the novice to perform together in one ensemble. The ensemble content, which will depend upon the instrumental and vocal makeup of the class, will include a diversity of approaches that might include Latin, Asian, Popular and contemporary Classical Music.

MUS 117
Advanced Rehearsal and Performance

2.5 Credits / (Formerly MUSIC 117) Prerequisite: MUS 116 Transfers to: UC, CSU This course is designed for the intermediate electric, acoustic instrumental and vocal students to perform together in one ensemble. The ensemble content, which will depend upon the instrumental and vocal makeup of the class, will include a diversity of approaches that might include Latin, Asian, Popular and contemporary Classical Music.

MUS 119
Advanced College Community Orchestra

1 Credit / Prerequisite: MUS 110 Transfers to: CSU This course is designed for the more advanced instrumental music student who wants to become more familiar with the vast body of orchestral music. It provides advanced players an opportunity to further develop their own musical capabilities as well as participate in ensemble playing. Students are expected to provide their own instruments.

MUS 120
Vocal Arts Ensemble I

2 Credits / (Formerly MUSIC 120, 022A) Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment Transfers to: UC, CSU This course is designed for the student who seeks an opportunity to perform in a vocal ensemble. Participation in public performance is required. The repertoire will include a diversity of selections including classical choral literature, world music, popular and contemporary music. Previous choral experience is not required.

MUS 129
Music in Latin American Culture

3 Credits / (Formerly MUSIC 129) Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment Transfers to: UC, CSU This course is a survey course designed for the student seeking an introduction to music in Latin American culture. The course will focus on the diverse musical cultures of South America, Central America, Mexico and the Caribbean. Emphasis will be placed on rhythmic
styles and structures, as well as, specific social, cultural, and historical backgrounds.<br>

70796  CLAS  8/24/13 - 12/14/13  TR  1250 - 1415  Jannine Livingston  M124

**MUS 130**

**Music History and Literature Before 1750**

3 Credits/(Formerly MUSIC 130, 030A)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course is designed for the student who seeks an introduction to the major composers and musical movements from antiquity to the 1700’s. The course focuses on learning, reasoning, and writing about these periods with the goal of understanding their social, political, and cultural contexts. In addition, these periods will be compared to contemporary culture and its social, political, and cultural framework.<br>

70800  CLAS  8/24/13 - 12/14/13  MW  0940 - 1105  Steven Moshier  M124

**MUS 132**

**History of Rock and Roll**

3 Credits/(Formerly MUSIC 132)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course is a survey course designed for the student who seeks an introduction to Rock and Roll. The course will focus on rock and roll music, its origins and its many sub-styles. The social, political and economic influence the music has had on society and other types of music will also be examined.<br>

70801  CLAS  8/24/13 - 12/14/13  MW  1250 - 1415  Jannine Livingston  M124
70809  CLAS  8/24/13 - 12/14/13  F  1140 - 1450  Jannine Livingston  M124
73255  CLAS  8/24/13 - 12/14/13  T  1900 - 2210  Linda Brown  M124

**MUS 133**

**Music Appreciation**

3 Credits/( Formerly MUSIC 133, 033)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course is a survey of musical practices from various periods of music history with an emphasis on social, political and commercial contexts. Types of music to be covered will include Classical, Jazz, Rock, Blues and World Music. This course is targeted for students seeking to fulfill the general education requirement in the arts.<br>

70810  CLAS  8/24/13 - 12/14/13  MW  1115 - 1240  Frank Accardo  M109
70812  CLAS  8/24/13 - 12/14/13  W  1900 - 2210  Linda Brown  M124
72304  CLAS  8/24/13 - 12/14/13  TR  1115 - 1240  Frank Accardo  M124

**MUS 134**

**Rio Hondo College Singers**

2 Credits/(Formerly MUSIC 134, 125)<br>Prerequisite: MUS 120 and audition<br>Advisory: ENGL 035 or ENLA 100 and appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This advanced level course is designed for students who seek to broaden their understanding of choral literature by performing difficult choral works. Attention is given to the refinement and polishing of technique through rehearsal and performance of choral music from various musical periods and styles. Enrollment criteria include an audition.
**MUS 136**

History of Jazz

3 Credits<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course is a survey course designed for the student who seeks an introduction to Jazz. The course will focus on jazz music, its origins and its many sub-styles. The social, political and economic influence the music has had on society and other types of music will also be examined.

**MUS 138**

Masterworks Chorale

2 Credits<br>Prerequisite: Audition<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment<br>Transfers to: UC, CSU<br>This advanced level course is designed for students who seek to broaden their understanding of choral literature by performing difficult choral works such as the B minor Mass by Bach, Elijah by Mendelssohn, or Messiah by Handel accompanied by orchestra or other instrumental ensemble. Attention is given to the refinement and polishing of technique through rehearsal and performance of choral music from various musical periods and styles. Public Performance is required. Enrollment criteria requires an audition.

**MUS 139**

Advanced Vocal Ensemble

2 Credits<br>(Formerly MUSIC 139)<br>Prerequisite: MUS 120 with a grade of "C" or better<br>Transfers to: CSU<br>This course is designed for the more advanced vocal student who seeks an opportunity to perform in a vocal ensemble. The repertoire will include a diversity of approaches that might include Latin, Asian, Popular and contemporary Classical Music.

**MUS 140**

Beginning Voice

1 Credits<br>(Formerly MUSIC 140, 040A)<br>Advisory: READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course is designed for students who wish to learn the vocal techniques used in signing Opera, Pop, Folk, Rock and Jazz. Emphasis is placed upon selection of material dependent upon the abilities of the student. No previous musical experience is necessary.
## MUS 142

**Intermediate Voice**

1 Credits / (Formerly MUSIC 142, 041A)

**Prerequisite:** MUS 140 with a "C" or better

**Advisory:** READ 022 or appropriate assessment

**Transfers to:** UC, CSU

This course is designed for students who wish to further develop the techniques acquired in Beginning Voice. A comprehensive study of style and artistic interpretation will be included.

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## MUS 145

**Beginning Piano I**

1 Credits / (Formerly MUSIC 145, 045A)

**Advisory:** READ 023 or appropriate assessment

**Transfers to:** UC, CSU

This class is for the student interested in beginning piano skills, and in the understanding of music through the study of simple piano pieces. The development of skills at the beginning level may be used in the playing of various styles including Classical, Pop, Jazz and Rock. Individual pieces are performed in class. No previous experience is necessary.

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## MUS 146

**Beginning Piano II**

1 Credits / (Formerly MUSIC 146, 045B)

**Prerequisite:** MUS 145 with a "C" or better

**Transfers to:** UC, CSU

This class is for the student interested in beginning piano skills, and in the understanding of music through the study of simple piano pieces. The development of skills at the beginning level may be used in the playing of various styles including Classical, Pop, Jazz and Rock. Individual pieces are performed in class. This course is a continuation of materials learned in Beginning Piano I.

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<thead>
<tr>
<th>CLASS</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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<td>1600 - 1655</td>
<td>Jannine Livingston</td>
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<td>LAB</td>
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<td>8/24/13</td>
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<td>0900 - 0955</td>
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<td>LAB</td>
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<td>F</td>
<td>1000 - 1125</td>
<td>Jannine Livingston</td>
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</tbody>
</table>

## MUS 147

**Intermediate Piano III**

1 Credits / (Formerly MUSIC 147, 046A)

**Prerequisite:** MUS 146 with a "C" or better

**Transfers to:** UC, CSU

This course is designed for students seeking to broaden their knowledge and understanding of piano literature. Varied works of intermediate difficulty will be introduced. Attention is given to the refinement and polishing of technique through scales, arpeggios, sight-reading, interpretation and tone production.

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<tr>
<th>CLASS</th>
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<th>Days</th>
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<td>1000 - 1125</td>
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</tbody>
</table>
### MUS 148

**Intermediate Piano IV**

1 Credit<br><br>This course is designed for students seeking to broaden their knowledge and understanding of piano literature. More advanced solo literature of intermediate difficulty will be introduced. Emphasis is placed on the technical and interpretive demands required to perform a varied repertoire.<br><br>Prerequisite: MUS 147 with a "C" or better<br><br><br>

<table>
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</table>

### MUS 150

**Beginning Guitar**

1.5 Credits<br><br>This course is designed for the student interested in beginning guitar skills and in the understanding of music through the study of simple guitar pieces. The development of skills at the beginning level may be used in the playing of various styles including Classical, Pop, Jazz, Rock and Blues. No previous musical experience is necessary.<br><br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><br><br>

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<tr>
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<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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### MUS 151

**Intermediate Guitar**

1.5 Credits<br><br>This intermediate level course is designed for students who seek to broaden their understanding of guitar literature by performing moderately difficult works. Attention is given to the refinement and polishing of technique through scales, arpeggios, sight-reading, interpretation and tone production.<br><br>Prerequisite: MUS 150<br><br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><br><br>

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<th>Instructor</th>
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### MUS 158

**Masterworks Chorale II**

Jul 29, 2013
2 Credits \textit{Prerequisite:} MUS 138 and Audition \textit{Advisory:} ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment \textit{Transfers to:} CSU

This advanced level course is designed for students who seek in-depth study of choral literature by performing complex choral works such as Beethoven's Mass in C, Orff's Carmina Burana, and Britten's War Requiem accompanied by orchestra or other instrumental ensemble, or sung a cappella. Attention is given to every detail of musical development through rehearsal and performance of choral music from various musical periods and styles. Public performance is required. Enrollment criteria requires successful completion of MUS 138 and an audition.

\textbf{MUS 165}  
**Electronic Music I**

3 Credits \textit{(Formerly MUSIC 165)} \textit{Corequisite:} MUS 180 \textit{Advisory:} READ 023 or appropriate assessment \textit{Transfers to:} CSU

This course is designed for the student who wants to learn the basic elements involved in electronic music including: fundamental elements of music, keyboard electronics, signal processing, virtual synthesis which may include Sylenth, Crystal, and Gladiator, MIDI, simple computer software which may include Garage Band, and digital recording. Creating electronic compositions will also be covered. Students should take Music 180 concurrently. This course is recommended for all students who intend to pursue music professionally.

\textbf{MUS 167}  
**Electronic Music II**

3 Credits \textit{(Formerly MUSIC 167)} \textit{Prerequisite:} MUS 165 with a "C" or better \textit{Advisory:} READ 023 or appropriate assessment \textit{Transfers to:} CSU

This course is designed for the student who wants to continue the study of concepts and techniques needed to compose electronic music and is recommended for students who intend to pursue music professionally. Various types of synthesis including software analog synthesis and virtual analogue synthesis will be studied. Software that will be used in the course may include Reason and Logic Pro. Sequencing, recording via studio software, notating compositions and creating music for dance and theatre on the computer will be the primary focus of the course.

\textbf{MUS 180}  
**Music Laboratory**

1 Credits \textit{(Formerly MUSIC 180, 044)} \textit{Corequisite:} MUS 165 or 167 \textit{Advisory:} READ 023 or appropriate assessment \textit{Transfers to:} UC, CSU

This course is designed to provide students enrolled in electronic music courses with supervised study or practice.

\textbf{MUS 220}  
**Vocal Arts Ensemble II**
CLASS SCHEDULE
Fall 2013

2 Credits/<b>Prerequisite:</b> MUS 120<br><b>Advisory:</b> ENGL 030 or ENLA 034 or appropriate assessment;<br>READ 023 or appropriate assessment<br><b>Transfers to:</b> CSU<br>This course is designed for the intermediate vocal student who seeks an opportunity to perform in a vocal ensemble. Participation in public performance is required. The repertoire will include a diversity of sections including intermediate level classical choral literature, world music, popular and contemporary music. Successful completion of MUS 120 is required to enroll.<br>

73341  CLAS  8/24/13 - 12/14/13  M  0945 - 1110  To Be Assigned  M109
LAB  8/24/13 - 12/14/13  W  0945 - 1110  To Be Assigned  M109

MUS 240
Advanced Voice

2 Credits/<b>(Formerly MUSIC 240, 212)</b><b>Prerequisite:</b> MUS 142 with a "C" or better<br><b>Advisory:</b> ENGL 030 or ENLA 034 or appropriate assessment<br><b>Transfers to:</b> UC, CSU This course is designed for the student interested in further developing the interpretive and technical demands inherent in advanced vocal performance. Attention is given to a detailed study and analysis of vocal technique and interpretation. Public performance will be required.<br>

70910  CLAS  8/24/13 - 12/14/13  T  1425 - 1550  To Be Assigned  M124
LAB  8/24/13 - 12/14/13  T  1555 - 1720  To Be Assigned  M124

70911  CLAS  8/24/13 - 12/14/13  S  0900 - 1025  Ann Gresham  M124
LAB  8/24/13 - 12/14/13  S  1030 - 1155  Ann Gresham  M124

MUS 245
Advanced Piano

2 Credits/<b>(Formerly MUSIC 245, 047A)</b><b>Prerequisite:</b> MUS 148 with a "C" or better<br><b>Transfers to:</b> UC, CSU This course is designed for the student interested in further developing the interpretive and technical demands inherent in advanced piano literature. Attention is given to a detailed study and analysis of various musical periods and styles.<br>

70919  CLAS  8/24/13 - 12/14/13  T  1600 - 1725  Jannine Livingston  M111
LAB  8/24/13 - 12/14/13  T  1730 - 1855  Jannine Livingston  M111

MUS 251
Advanced Guitar I

2 Credits/<b>(Formerly MUSIC 251, 052)</b><b>Prerequisite:</b> MUS 151 with a grade of "C" or better<br><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> UC, CSU This advanced level course is designed for students who seek to broaden their understanding of guitar literature by performing difficult works. Attention is given to the refinement and polishing of technique through scales, arpeggios, sight-reading, interpretation, and tonal production, as well as analysis of various musical periods and styles.<br>

70924  CLAS  8/24/13 - 12/14/13  R  1630 - 1755  Frank Accardo  M109
LAB  8/24/13 - 12/14/13  R  1800 - 1925  Frank Accardo  M109

NBAS 009
College Refresher Basic Skills/Individual Study
0 Credits/(Formerly NCBAS 009)<br>Courses for individual study in basic reading, writing and mathematics. Areas covered can include any basic skill that needs to be improved for college learning and/or career and personal growth.<br>

71531    ARR 8/24/13 - 12/14/13    James Chandler    LR114

**NBAS 010**

**College Refresher Math/Individual Study**

0 Credits/(Formerly NCBAS 010)<br>Courses for individual study in basic mathematics. Areas to be covered can include whole numbers, fractions, decimals, percent, measurement, applications in consumer math, and other topics determined by individual student need.<br>

72260    ARR 8/24/13 - 12/14/13    Elaine Hemenway    S300

**NCHS 001**

**Health and Fitness**

0 Credits/This is an open-entry, open-exit course to develop and enhance a student's knowledge of the importance of healthy lifestyles and to further develop skills which will facilitate a personal fitness program. Student's will also participate in specific activities that develop an individual's level of physical fitness.<br>

70757    LAB 8/24/13 - 12/14/13    Kathy Pudelko    G150

72379    CLAS 8/24/13 - 12/14/13    M 1425 - 1525    Alyson Cartagena    L301

**NCOA 001**

**Painting for Older Adults**

0 Credits/This course offers the older adult an individual approach to painting and creative arts. Topics can include art appreciation and art history; awareness of line, color, shape and form; techniques in drawing and progression through color mixing and canvas painting. Creativity and general art knowledge will be taught in a friendly and relaxed environment allowing each artist to work at their own pace.<br>

71523    CLAS 9/9/13 - 12/14/13    M 1400 - 1630    Elizabeth Barraza    Santa Fe Neighborhood Center

72914    CLAS 8/24/13 - 12/14/13    W 1530 - 1720    Javier Valenzuela    B110

**NCOA 002**

**Music Workshop for the Third Age**

0 Credits/Courses for instrumental and vocal musical experiences. Included can be rehearsals and performances in cooperation with the Rio Hondo Chapter of Sweet Adelines; other local choral and/or singing groups; and instruction in learning to play a musical instrument.<br>

71573    CLAS 8/24/13 - 12/14/13    T 0940 - 1100    Steven Moshier    M109

LAB 8/24/13 - 12/14/13    R 0940 - 1150    Steven Moshier    M109

8/24/13 - 12/14/13    T 1105 - 1155    Steven Moshier    M109

71619    CLAS 8/24/13 - 12/14/13    S 0900 - 0955    Ann Gresham    M124

LAB 8/24/13 - 12/14/13    S 1000 - 1125    Ann Gresham    M124

71620    CLAS 8/24/13 - 12/14/13    T 1425 - 1520    To Be Assigned    M124

LAB 8/24/13 - 12/14/13    T 1525 - 1650    To Be Assigned    M124
NCOA 007

Chorus Singing for the Older Adult

0 Credits/This course introduces older adult students to a variety of choral music and explores its cultural and historical aspects. Students will gain knowledge of posture, vowel modification, elements of phrasing and harmony. Students will perform vocal exercises and practice breathing techniques appropriate for the older adult.<br>

71496 CLAS 8/24/13 - 10/18/13 TR 1830 - 2020 Frederick Adams The Palms
71497 CLAS 10/19/13 - 12/14/13 TR 1830 - 2020 Frederick Adams The Palms
71607 CLAS 8/24/13 - 12/14/13 MW 0945 - 1110 To Be Assigned M109
71608 CLAS 8/24/13 - 12/14/13 MW 0945 - 1110 To Be Assigned M109
72342 CLAS 8/24/13 - 12/14/13 MW 0725 - 0935 To Be Assigned M124

NCOA 008

Computers Unlimited for Older Adults

0 Credits/This course is designed for the older adult who thinks he or she will never learn to use a computer. Students will build basic skills that will prepare them to write documents, send e-mail, use online banking or simply enjoy surfing the Internet. Mastery of the basic skills will let you grow from simple accomplishments to things you never dreamed possible. Our gentle, easy approach will show you the many ways that computers can be fun and interesting.<br>

71568 CLAS 8/29/13 - 11/14/13 R 1800 - 2020 Alexia Sokol SW103
73327 CLAS 8/24/13 - 10/18/13 TR 1315 - 1430 Norma Sevilla
73328 CLAS 10/19/13 - 12/14/13 TR 1315 - 1505 Norma Sevilla

NCOA 010

Hatha Yoga for Older Adults

0 Credits/This class uses active and passive movements which are adapted for older adults. Movements include stretching, relaxation, and breathing exercises. Students will learn repetitive skill building, weight bearing poses and become familiar with working together in rhythm.<br>

71512 CLAS 9/9/13 - 12/14/13 M 1145 - 1235 Trissia Baughman La Mirada Activity Center
71513 CLAS 9/9/13 - 12/14/13 M 0900 - 0950 Trissia Baughman Adventure Park
71514 CLAS 9/10/13 - 12/14/13 T 1300 - 1350 Trissia Baughman Santa Fe Neighborhood Center

NCOA 012

Physical Fitness for the Older Adult

0 Credits/This physical fitness class is designed for the older adult and offers instruction in movement to maintain and increase range of motion, build muscle strength, maintain coordination, flexibility and balance. Class topics include discussions on nutrition, the effects of aging, safety factors and memory skills.<br>

71515 CLAS 8/24/13 - 12/14/13 TR 0930 - 1045 Patricia Usary Posada Retirement Community
71517 CLAS 9/5/13 - 12/14/13 R 0900 - 1030 Trissia Baughman Sorensen Park
71519 CLAS 9/10/13 - 12/14/13 T 1630 - 1720 Trissia Baughman Whittier Mobile Country Club

NCOA 013
### Current Topics for Older Adults

0 Credits/This course presents older adults with various topics for discussion and class activities based on the student's individual interests and backgrounds. Older adults will explore international, national and local events and issues from a current and historical viewpoint.<br>

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<th>Instructor</th>
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<td>Merril Gardens</td>
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### NCOA 014

#### Tai Chi Chuan for Older Adults

0 Credits/This course introduces older adults to a Chinese health exercise which is neither vigorous nor strenuous. It is suitable for older adults who want to exercise to gain or maintain good health. It will strengthen the muscles and organs, relax the mind and body, improve blood circulation, and increase memory and concentration.<br>

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<td>Santa Fe Neighborhood Center</td>
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### NCOA 015

#### Creative Writing for Older Adults

0 Credits/This course is for older adults and teaches both beginning and experienced writers how to create and shape autobiographies, fiction, non-fiction and poetry into readable and publishable forms. Participants will put their experiences on paper and analyze quality, selection and structure of written materials through group discussion and projects.<br>

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<td></td>
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<td>Whittier Senior Citizens Ctr</td>
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### NESL 035

#### ESL Multi-Level

0 Credits/(Formerly NCESL 035)<br><p>This course focuses on preparing students to use English to achieve tasks within a variety of real-life situations such as a doctor's office or a department store. Students are instructed to be able to listen, speak, read, and write in English in context-specific environments.</p>

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<td>71486</td>
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<tr>
<td>73086</td>
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<td></td>
<td>Eugene Olea</td>
<td>El Rancho Education Center</td>
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</table>
NVOC 005
Theatre Production Workshop

0 Credits/This course will introduce students to all aspects of preparing for and presenting a full theater production. Topics covered will include technical set-up of the stage, the dress rehearsal, pre-show preparation, techniques for striking the set and the special needs of a traveling show.<br>

72953 CLAS 8/24/13 - 12/14/13 F 0800 - 0950 Ann Gresham M109
LAB 8/24/13 - 12/14/13 F 0955 - 1305 Ann Gresham M109
72982 CLAS 8/24/13 - 12/14/13 M 1900 - 1955 William Korf CI000
LAB 8/24/13 - 12/14/13 W 1900 - 2235 William Korf CI000
8/24/13 - 12/14/13 M 2000 - 2235 William Korf CI000

NVOC 014
College Community Orchestra

0 Credits/This is an ongoing program designed for preparation for employment as musicians. Participants may perform with a symphony orchestra such as Rio Hondo Community College.<br>

71690 CLAS 8/24/13 - 12/14/13 M 1800 - 2115 Deborah Carnahan WHS000
71691 ARR 8/24/13 - 12/14/13 James Furumoto WHS000

NVOC 018
ACEDD-GIS Skills Development

0 Credits/This course complements the CIV, ARCH, ENGT, LAND and GIS lab and lecture courses and is designed to provide an additional opportunity for students to practice concepts covered in the corequisite courses and enhance their board drafting and CADD skills for workplace productivity. These instructional activities are not available in the regular lecture / lab course and are not required for the grade in the corequisite course.<br>

72337 ARR 8/24/13 - 12/14/13 Caesar Hernandez

NVOC 038
Real Estate Practice

0 Credits/(Formerly NCVOC 038)<br><p>This class is an introduction to professional aspects of the real estate business. Topics include agency responsibilities for the salesperson and the broker, office management, how to list and prospect property, selling and marketing techniques, advertising, financing, escrow and closing procedures. Students will acquire a general understanding of fields related to real estate such as finance, appraisal, escrow, and investing. The class will detail the areas necessary to conduct a modern real estate brokerage business. This course is approved by the California Department of Real Estate as one of the required courses for the State Sanctioned Conditional Real Estate Sales Persons License.<br>

71525 CLAS 8/30/13 - 10/11/13 Leslie Beau

NVOC 039
Real Estate Finance
0 Credits (Formerly NCVOC 039)<br>
This course is designed to help the new licensee, the experienced real estate agent, the investor, and the lender gain a better understanding of the complex world of real estate finance. It covers all aspects of real estate financing from filling out the loan application to closing the loan. The course details qualifying standards, disclosure requirements, and loan documents. This course is approved by the California Department of Real Estate as one of the electives for the State Sanctioned Conditional Real Estate Sales Persons License.<br>
71524  CLAS  8/30/13 - 10/11/13  Leslie Beau

NVOC 040
Real Estate Principles

0 Credits (Formerly NCVOC 040)<br>
This is a prerequisite course for the real estate licensing examination. In this course students will learn information required for the acquisition of a California real estate license. Topics include the nature of real estate, the foundation of our property laws, land descriptions and measurements, how titles are held, acquisition and transfer, deeds, liens and encumbrances, elements of a contract, landlord and tenant law, real estate mathematics and financing. In addition, you will be introduced to the terminology and forms commonly used in everyday real estate transactions. This course is approved by the California Department of Real Estate as a State Sanctioned Pre-Licensing course.<br>
71526  CLAS  8/30/13 - 10/11/13  Leslie Beau

NVOC 150
AutoCAD for Basic CADD Applications

0 Credits<br>
This course is for students preparing for high technology careers who need the skills necessary to function as an entry level CADD operator or to apply CADD to specific disciplines of mechanical and architectural design, manufacturing, illustration and engineering related documents. An overview of computer graphics and CADD (Computer Assisted Design and Drawing) utilizing the latest release of AutoCAD software will be provided. Students will produce 2D orthographic, isometric, and basic 3D models solutions of mechanical and architectural applications.<br>
72262  CLAS  8/24/13 - 12/14/13  MW 0800 - 0925  Joseph Sunyogh  S307
LAB  8/24/13 - 12/14/13  MW 0935 - 1100  Joseph Sunyogh  S307
72267  CLAS  8/24/13 - 12/14/13  TR  1900 - 2025  David Vasquez  S306
LAB  8/24/13 - 12/14/13  TR  2035 - 2200  David Vasquez  S306

NVOC 170
MicroStation for Basic CADD Applications

0 Credits<br>
This course is for students preparing for high technology careers who need the skills necessary to function as an entry level CADD operator or to apply CADD to specific disciplines of mechanical and architectural design, manufacturing, illustration and engineering related documents. An overview of computer graphics and CADD (Computer Assisted Design and Drawing) utilizing the latest release of MicroStation software will be provided. Students will produce 2D orthographic, isometric, and basic 3D models solutions of mechanical and architectural applications.<br>
72263  CLAS  8/24/13 - 12/14/13  MW  1555 - 1720  Joseph Sunyogh  S307
LAB  8/24/13 - 12/14/13  MW  1725 - 1850  Joseph Sunyogh  S307
72268  CLAS  8/24/13 - 12/14/13  S  0800 - 1110  David Martin  S305
NVOC 200

Intermediate AutoCAD for Design and Production

0 Credits/This course is for students pursuing degrees or certificates in the Architecture and Engineering Design Drafting Program and for those who wish to enhance their AutoCAD skills for workplace productivity. The course is an intermediate application study in computer aided design, drafting, and graphics using the latest revisions of AutoCAD. Combined with previously learned technical drafting conventions and basic AutoCAD operational skills, students will use AutoCAD to produce detailed drawings that involve model-space and paper-space, 2D and 3D objects, block attributes and viewport scales. Emphasis will be placed on working with multiple drawing files using external files to create mechanical, architectural and civil projects.

NVOC 260

Advanced Architecture Using Revit and 3D Software

0 Credits/This course is for students pursuing an advanced study of BIM (Building Information Modeling) applications as they relate to architecture and the AEC industry (Architecture, Engineering, Construction). Utilizing the latest releases of 3D design software such as Revit and AutoCAD Architecture and previously learned technical and architectural drafting conventions, students will produce two and three dimensional BIM generated architectural drawings and 3D virtual models. This course benefits all students studying Architecture, Civil, Engineering of all types, Drafting, Design and Computer Graphics. High technology skills which are necessary to function as a designer or CADD Drafter are emphasized.

NVOC 261

Revit for Advanced BIM Architectural, Structural and MEP Applications

0 Credits/Advanced BIM (Building Information Modeling) applications extends the fundamentals of the Arch 260 class to include Structural, Mechanical, Electrical and Plumbing extensions of the Autodesk Revit Building software. Students will work on both group and individual projects to create and present three-dimensional representation of architectural solutions. Students will also learn the basic process and workflow in creation of Revit Families for use in building models.

NVOC 270

SolidWorks for 3D Modeling and Prototype Applications

0 Credits/This course presents an intensive study in 3D computer graphics and CADD (Computer Assisted Design and Drafting) utilizing the latest release of SolidWorks Software. This course benefits all students in areas of study related to Engineering, Drafting, Design and Computer Graphics. Students will produce three dimensional parametric computer generated virtual models incorporating mechanical design refinements. The course emphasizes high technology skills which are necessary to function as a design professional to apply 3D design graphics technology to
specific disciplines of mechanical engineering, machine drafting and design, manufacturing, animation, modeling and illustration. Students will be introduced to a variety of means to directly produce prototype models from CADD generated solid geometry.<br>

72269  CLAS  8/24/13 - 12/14/13  MW  1900 - 2025  Nabil Zaki  S307
        LAB  8/24/13 - 12/14/13  MW  2035 - 2200  Nabil Zaki  S307

PAC 071

Public Safety Dispatcher Basic Course

1.5 Credits  Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; PAC 040  This course meets the POST (California Commission on Peace Officer Standards Training) requirements for the position of public safety dispatcher. The content of this course is a combination of the following topics: Professional Orientation, Criminal Justice System, Law, Communication Technology, Telephone Procedures, Radio Procedures, Missing Persons, Domestic Violence, Referral Services, Cultural Diversity, Sexual Harassment, Hate Crimes, Gang Awareness, Stress Management, Critical Incidents, Telecommunications and Practical Application Activities.<br>

73336  CLAS  9/21/13 - 9/21/13  S  0800 - 0950  George Kimber  AJ204
        9/28/13 - 9/28/13  S  0800 - 0950  George Kimber  AJ204
        10/5/13 - 10/5/13  S  0800 - 0950  George Kimber  AJ204
        11/9/13 - 11/9/13  S  0800 - 0950  George Kimber  AJ204
        9/21/13 - 9/21/13  S  1000 - 1150  George Kimber  AJ204
        9/28/13 - 9/28/13  S  1000 - 1150  George Kimber  AJ204
        10/5/13 - 10/5/13  S  1000 - 1150  George Kimber  AJ204
        11/9/13 - 11/9/13  S  1000 - 1150  George Kimber  AJ204
        9/21/13 - 9/21/13  S  1300 - 1650  George Kimber  AJ204
        9/28/13 - 9/28/13  S  1300 - 1650  George Kimber  AJ204
        10/5/13 - 10/5/13  S  1300 - 1650  George Kimber  AJ204
        11/9/13 - 11/9/13  S  1300 - 1650  George Kimber  AJ204
        9/3/13 - 11/14/13  TR  1800 - 2200  George Kimber  AJ204

PE 101

Tennis I

1 Credits  (Formerly PE 1-0)  Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment  Transfers to: UC (credit limit*), CSU  (*The UC will grant a maximum of 4 units credit for PE activity courses)  This is a beginning tennis class designed to take the student to a recreational level in skills. Instruction in the serve, groundstroke, volley, and rules are taught so that the student can compete on a recreational level.<br>

71097  LAB  8/24/13 - 12/14/13  F  0830 - 1140  Karen Unger  COURTS000

72214  LAB  8/24/13 - 12/14/13  TR  1300 - 1425  Karen Unger  COURTS000

PE 102

Intercollegiate Baseball I

1 Credits  (Formerly PE 2-0)  Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment  Transfers to: UC (credit limit*), CSU  (*The UC will grant a
maximum of 4 units credit for PE activity courses)<p>This course is designed for the student interested in competing in baseball at the collegiate level. Instruction will focus on the introduction of advanced drills in the area of offense, defense and pitching. Special attention will be placed on skill development and class participation in preparing students for intercollegiate competition. This course may be taken once and repeated three times for credit.<br>

70840  LAB  8/24/13 - 10/18/13 MW  1115 - 1425  Michael Salazar  BBFLD000

PE 103
Softball I

1 Credits/(Formerly PE 2-03)<p><b>Advisory:</b> ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU<br><p>(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This course is designed for the beginning student who wishes to gain the fundamental skills of softball. It is designed to present the following skills to the student: throwing, batting, bunting and defense. Additionally, the individual field positions and the responsibilities of team work will be emphasized.<br>

70608  LAB  8/24/13 - 12/14/13  TR  1400 - 1525  Bianca Urquidi  SOFFLD000

PE 104
Volleyball I

1 Credits/(Formerly PE 1-04)<p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU<br><p>(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This course is a beginning class designed to present the basic fundamental skills and rules of volleyball. The student will have the opportunity to learn and practice serving, setting, and spiking. The student will also participate in team play. This class is appropriate for students who have never played volleyball, are just learning the game or haven't played for an extended period of time and want to refresh their skills.<br>

70691  LAB  8/24/13 - 12/14/13  MW  0940 - 1105  Teddi Esko  G100

PE 105
Basketball I

1 Credits/(Formerly PE 2-05)<p><b>Advisory:</b> ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU<br><p>(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This beginning level course designed for all students will provide instruction in the fundamentals of basketball such as dribbling, passing, shooting, team play, rebounding, defense and strategy. Collegiate rules, class competition, injury prevention and care, and proper diet and fitness needs are included in instruction. The emphasis will be on active participation, basketball as recreation and skill development within this team sport.<br>

70746  LAB  8/24/13 - 12/14/13  F  0830 - 1140  Steve Johnson  G100
70833  LAB  8/24/13 - 12/14/13  MW  0805 - 0930  Michael Salazar  G100

PE 107
Badminton I

1 Credits/(Formerly PE 1-07)<p><b>Advisory:</b> ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU<br><p>(*The UC will grant a
maximum of 4 units credit for PE activity courses)

This is a beginning badminton class designed for the student to gain experience of various degrees of competitive play. Instruction in the serve, drive, drop, smash, clears, rules and court etiquette are taught so the student can perform at a competitive level. 

**PE 109**

**Soccer I**

1 Credit
Advisory: READ 023 or appropriate assessment <br> Transfers to: UC (credit limit*), CSU <br>*The UC will grant a maximum of 4 units credit for PE activity courses*

This is a beginning soccer/activity class designed for all students interested in developing the physical, technical and tactical elements of the game of soccer. The course will include fundamental skills of soccer which include, dribbling, passing, kicking, collecting and basic concepts of offensive and defensive tactics. Rules of the game, skill practice and participating in recreational soccer matches will be included.

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Days</th>
<th>Start Time</th>
<th>End Time</th>
<th>Instructor</th>
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<td>70695</td>
<td>LAB</td>
<td>M</td>
<td>1900</td>
<td>2210</td>
<td>Rene Herrera</td>
<td>G100</td>
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<tr>
<td>70562</td>
<td>LAB</td>
<td>MW</td>
<td>0940</td>
<td>1105</td>
<td>Jennifer Tanaka-Hoshijo</td>
<td>SOCFLD000</td>
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<tr>
<td>70582</td>
<td>LAB</td>
<td>MW</td>
<td>1115</td>
<td>1240</td>
<td>Jennifer Tanaka-Hoshijo</td>
<td>SOCFLD000</td>
</tr>
</tbody>
</table>

**PE 110**

**Futsal (Indoor Soccer)**

1 Credit
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment <br> Transfers to: UC (credit limit*), CSU <br>*The UC will grant a maximum of 4 units credit for PE activity courses*

This class will provide instruction and repetition in the technical and tactical components of Futsal (Indoor Soccer). The Federation of International Football Association (FIFA), which is the governing body of soccer in the world and the United States Soccer Federation (USSF), which is the governing body of soccer in the United States recognize Futsal as its own sport consisting of a smaller, fast-paced technical game. FIFA Futsal Laws of the Game will be introduced to the students. The course will develop skills, provide knowledge of the rules and instruct students to demonstrate Futsal techniques, recognize tactical situations and improve physical fitness.

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<thead>
<tr>
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<th>Instructor</th>
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<tr>
<td>72218</td>
<td>LAB</td>
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<td>0805</td>
<td>0930</td>
<td>Jennifer Tanaka-Hoshijo</td>
<td>G100</td>
</tr>
</tbody>
</table>

**PE 113**

**Golf I**

1 Credit  
(Formerly PE 1-13) 
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment <br> Transfers to: UC (credit limit*), CSU <br>*The UC will grant a maximum of 4 units credit for PE activity courses*

Golf I is designed for the beginning golfer who wants to gain the fundamental skills that form the basis of good golf technique. The goal of this class is for the student to learn to play a respectable game of golf, to avoid embarrassment, and to enjoy time outdoors with friends. Etiquette, rules and course play are included.

<table>
<thead>
<tr>
<th>Code</th>
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<th>Days</th>
<th>Start Time</th>
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<th>Instructor</th>
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</tr>
</thead>
<tbody>
<tr>
<td>70835</td>
<td>LAB</td>
<td>TR</td>
<td>0805</td>
<td>0930</td>
<td>Michael Salazar</td>
<td>COURSE000</td>
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</tbody>
</table>

**PE 130**

**Lifelong Fitness Laboratory**

1 Credit  
(Formerly PE 1-30) 
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment <br> Transfers to: UC (credit limit*), CSU <br>*The UC will grant a
This 45 hour self-paced physical fitness laboratory is designed for all students of the college to develop and encourage positive attitudes and habits with regards to health-related fitness components, including cardiovascular fitness, flexibility, and muscular strength and endurance. Each student, upon entry, will be assessed for risk factors and medical history, as well as body composition, cardiovascular fitness, muscular strength and endurance, and flexibility to establish an individual fitness profile. From this profile, an individual exercise prescription will be developed. Fitness activity will primarily utilize exercise equipment organized into an aerobic super circuit with additional activity prescribed in the aerobics machine area, body parts weight training area, and flexibility area. It is expected that the student will attend an average of three 50 minute exercise sessions each week. Additional assessment at the conclusion of the semester will provide data necessary to evaluate the accomplishment of stated goals. Offered on a pass/no pass basis.

**PE 134**

**Fitness Through Rhythmic Aerobics**

1 Credits<br>(Formerly PE 1-34)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)<br><p>This course is designed to meet the needs of daily physical exercise for life long fitness and health. It is designed to present the following skills to the student: rhythmic aerobics, step aerobics, core fitness and flexibility training. Additionally, the student will learn basic definitions and terminology of the current fitness arena, assisting them with life long fitness goals. Instruction in proper diet, heart rate monitoring, skill proficiency and fitness program planning will be provided to each student. This class is designed for students who are interested in starting an exercise program, or developing an active lifestyle.<br></p>

**PE 136**

**Pilates Mat 1**

1 Credits<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)<br><p>This course introduces students to the basic Pilates floor exercises, which are designed to increase strength in the abdominal and spinal musculature. Students will engage in activities and exercises designed to increase awareness of body alignment, increase strength in the torso, spine and limbs, increase endurance, learn breathing techniques to utilize in strength training exercises, increase coordination, improve balance, and will learn about the muscle groups and their actions being utilized in the course. This course is suitable for students interested in dance. Hatha Yoga, athletics and individuals seeking to increase strength to better support the spine in everyday activities.<br></p>

**PE 140**

**Walking for Fitness**

1 Credits<br>(Formerly PE 2-04)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)<br><p>This course is designed to meet the needs of daily physical exercise for life long fitness and health. Walking is one of the safest and most effective forms of exercise to improve
health, and develop and maintain physical fitness. The course provides cardiovascular conditioning through the activity
of walking. Instruction in proper diet, heart rate monitoring, skill proficiency and fitness program planning will be
provided to each student. This class is designed for students who are interested in starting an exercise program, or
developing an active lifestyle.<br>

70499  LAB  8/24/13 - 12/14/13  TR  0805 - 0930  Kathy Pudelko  TRACK000
70556  LAB  8/24/13 - 12/14/13  TR  0940 - 1105  Michael Hinze  TRACK000

PE 147

Off-Season Conditioning for Intercollegiate Sports

1 Credits/(Formerly PE 1-47A)<p>
Advisory:/p> ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to:/p> UC (credit limit*), CSU<br>(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This course is designed for all students preparing for specific physical fitness related to off-season intercollegiate athletic participation. The purpose of the course is to develop a level of physical fitness, strength and conditioning that will enhance the athlete's ability to be successful in intercollegiate competition. This course may be taken once and repeated three times for credit.<br>

70603  LAB  8/24/13 - 12/14/13  MW  1400 - 1525  Bianca Urquidi  SOFFLD000
70842  LAB  8/24/13 - 12/14/13  TR  1115 - 1240  Michael Salazar  BBFLD000

PE 148

Strength Training

1 Credits/(Formerly PE 1-51)<p>
Advisory:/p> ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to:/p> UC (credit limit*), CSU<br>(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This course is designed for students who would like to learn the basic fundamentals of strength and conditioning. Students will be introduced to a variety of routines that will enable them to develop a personal exercise plan.<br>

70564  LAB  8/24/13 - 12/14/13  TR  0940 - 1105  Steve Johnson  L13E
70607  LAB  8/24/13 - 12/14/13  TR  1115 - 1240  Bianca Urquidi  L13E
71089  LAB  8/24/13 - 12/14/13  MW  0940 - 1105  Diane Stankevitz  L13E

PE 158

Yoga I

1 Credits<p>
Advisory:/p> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to:/p> UC (credit limit*), CSU<br>(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This course is designed for the beginning student who would like to learn the fundamental physical Asanas (poses) of Hatha Yoga as well as Pranayama (breathing techniques) and Dhyana (meditation techniques). The goal of the course is to integrate the mind, body, and spirit and to give the student tools to better manage stress, alleviate physical tensions, and encourage optimum fitness. In this introductory course, students learn proper physical alignment in the standing poses (Sun Salutation Series A-C, Warrior 1-2, Downward Dog, Upward Dog, Cobra, Triangle, Crescent), the floor poses (Staff, Lotus, Cobbler, Twists, Backbends), and in elementary inversions (Inverted Leg Rest, Headstand Preparation, WallDog Preparation).<br>

70378  LAB  8/24/13 - 12/14/13  MW  0805 - 0930  Michael Hinze  L13E
70379  LAB  8/24/13 - 12/14/13  TR  0940 - 1105  Rachel Lopez  L201
70558  LAB  8/24/13 - 12/14/13  TR  1115 - 1240  Jodi Senk  L13E
70614  LAB  8/24/13 - 12/14/13  MW  1905 - 2030  Carol McDowell  L201
PE 170
Women's Intercollegiate Basketball Team

2 Credits/(Formerly PE 8-00A)<br>Advisory: READ 022 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)<br>This is an advanced course designed for students who will be competing at the collegiate level in the sport of women’s basketball. Students will be required to spend a minimum of 10 hours a week preparing for competition with other colleges. This course may be taken once and repeated three times for credit.<br>

70694 LAB 8/24/13 - 12/14/13 MTWR 1415 - 1630 Steve Johnson G100

PE 172
Women's Intercollegiate Volleyball Team

2 Credits/(Formerly PE 8-03A)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)<br>This is an advanced course designed for students who will be competing at the collegiate level in the sport of women’s volleyball. Students will be required to spend a minimum of 10 hours a week preparing for competition with other colleges. This course may be taken once and repeated three times for credit.<br>

70693 LAB 8/24/13 - 12/14/13 MTWR 1200 - 1415 Teddi Esko G100

PE 175
Women's Intercollegiate Cross-Country Team

2 Credits/(Formerly PE 8-06A)<br>Advisory: READ 022 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)<br>This is an advanced course designed for students who will be competing at the collegiate level in the sport of women’s cross country. Students will be required to spend a minimum of 10 hours a week preparing for competition with other colleges. This course may be taken once and repeated three times for credit.<br>

71101 LAB 8/24/13 - 12/14/13 MTWR 0530 - 0745 Priscilla Watkins TRACK000

PE 176
Women's Intercollegiate Soccer Team

2 Credits/(Formerly PE 8-07)<br>Advisory: READ 022 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit for PE activity courses)<br>This is an advanced course designed for students who will be competing at the collegiate level in the sport of women's soccer. Students will be required to spend a minimum of 10 hours a week preparing for competition with other colleges. This course may be taken once and repeated three times for credit.<br>

70751 LAB 8/24/13 - 12/14/13 MTWR 1300 - 1515 Jennifer Tanaka-Hoshijo SOCFLD000

PE 181
Men's Intercollegiate Basketball Team

2 Credits/(Formerly PE 9-01A)<br>Advisory: READ 022 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU (*The UC will grant a maximum of 4 units credit
for PE activity courses)<p>This is an advanced course designed for students who will be competing at the collegiate level in the sport of basketball. Students will be required to spend a minimum of 10 hours a week preparing for competition with other colleges. This course may be taken once and repeated three times for credit.<br>
70745 LAB  8/24/13 - 12/14/13  MTWRF  1630 - 1845  Richard Lowe  G100

PE 182
Men's Intercollegiate Cross-Country Team

2 Credits/(b)(Formerly PE 9-02B)<!--EndFragment--><p><b>Advisory:</b> READ 022 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This is an advanced course designed for students who will be competing at the collegiate level in the sport of men's cross-country. Students will be required to spend a minimum of 10 hours a week preparing for competition with other colleges. This course may be taken once and repeated three times for credit.<br>
71102 LAB  8/24/13 - 12/14/13  MTWRF  0530 - 0745  Priscilla Watkins  TRACK000

PE 188
Men's and Women's Intercollegiate Water Polo Team

2 Credits/(b)(Formerly PE 9-09A)<!--EndFragment--><p><b>Advisory:</b> READ 022 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This is an advanced course designed for students who will be competing at the collegiate level in the sport of men's and women's water polo. Students will be required to spend a minimum of 11.25 hours a week preparing for competition with other colleges. This course may be taken once and repeated three times for credit.<br>
70381 LAB  8/24/13 - 12/14/13  F  0900 - 1115  Michael Hinze  WPPPL000
8/24/13 - 12/14/13  MW  1130 - 1345  Michael Hinze  WPPPL000
8/24/13 - 12/14/13  TR  1300 - 1515  Michael Hinze  WPPPL000

PE 189
Men's Intercollegiate Wrestling Team

2 Credits/(b)(Formerly PE 9-10)<!--EndFragment--><p><b>Advisory:</b> ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This is an advanced course designed for students who will be competing at the collegiate level in the sport of men's wrestling. Students will be required to spend a minimum of 10 hours a week preparing for competition with other colleges. This course may be taken once and repeated three times for credit.<br>
71096 LAB  8/24/13 - 12/14/13  MTWRF  1600 - 1815  Michael Tellez  L201

PE 190
Men's Intercollegiate Soccer Team

2 Credits/(b)(Formerly PE 9-11)<!--EndFragment--><p><b>Advisory:</b> READ 022 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU(*The UC will grant a maximum of 4 units credit for PE activity courses)<p>This is an advanced course designed for students who will be competing at the collegiate level in the sport of men's soccer. Students will be required to spend a minimum of 10 hours a week preparing for competition with other colleges. This course may be taken once and repeated three times for credit. 
CLASS SCHEDULE
Fall 2013

PE 201

Tennis II

1 Credits<br><b>(Formerly PE 1-01)</b><br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment; PE 101<br>Transfers to: UC (credit limit*), CSU<br>(*The UC will grant a maximum of 4 units credit for PE activity courses)<br>This is an intermediate tennis class designed to take the student beyond recreational skills. Advanced instruction in the serve, groundstrokes, volley, and playing strategy is given. The lob and smash are introduced.<br>

PE 202

Intercollegiate Baseball II

1 Credits<br><b>(Formerly PE 2-01)</b><br>Advisory: PE 102<br>Transfers to: UC (credit limit*), CSU<br>(*The UC will grant a maximum of 4 units credit for PE activity courses)<br>This course is designed for the advanced baseball student interested in competing at the collegiate level. Instruction will focus on advanced drills in the area of offense, defense and pitching. Special attention will be placed in preparing students for intercollegiate competition. This course may be taken once and repeated three times for credit.<br>

PE 230

Lifelong Fitness Center II - Cardiovascular Fitness

1 Credits<br>Prerequisite: PE 130<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment<br>Transfers to: CSU<br>This class is a course designed to give the student skills and information to improve their own cardiovascular fitness. This class will involve instruction and practice in techniques that will promote cardiovascular fitness: running, jump rope, core training, aerobic activity, aerobic circuit and resistance bands. The student will learn about the importance of blood pressure, heart rate and diet in relation to cardiovascular disease.<br>

PE 258

Yoga II

1 Credits<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfer to: UC (credit limit*), CSU<br>(*The UC will grant a maximum of 4 units credit for PE activity courses)<br>This course is designed for intermediate students who would like to advance their physical asanas (poses) of Hatha Yoga as well as Pranayama (breathing techniques) and Dhyana (meditation techniques). The goal of the course is to integrate the mind, body, and spirit and to further challenge the students in their physical practice by increasing sustainment, perfecting alignment, and by incorporating twists and wraps. Parivrtta Trikonasana, Prasarita Padottanasana, Malasana, Garudasana, Natasajasana, Utthita Hasta Padangustasana, Chaturanga Dandasana, Purvottanasana, Navasana, Virasana, Ustrasana, Matsyasana, Sarvangasana, Suryya Namaskar B will be covered in depth during the course.<br>

PE 290
Cooperative Work Experience/Internship for Athletic Training Related Fields

1 Credits<br>Prerequisite: PETH 197 and a current CPR card<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course supports and reinforces on-the-job training in the field of athletic training under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in their area of vocational interest and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose job is related to the field of athletic training and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures".<br>Student Unpaid Internship: 1 Unit/60 hours; 2 Units/120 hours<br>Student Paid Internship: 1 Unit/75 hours; 2 Units/150 hours

PETH 122
Nutrition for Sport and Fitness

3 Credits (Formerly PE/TH 122)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or appropriate assessment<br>Transfers to: CSU<br>This course provides an overview of the role of nutrition to increase energy and enhance performance. Nutrient needs before, during, and after exercise are evaluated for their effect on optimal health. Carbohydrate loading, popular diets and supplementation are discussed. This course is designed for the student pursuing a career in the fitness industry, a certificate in the proposed Fitness Specialist Program, as well as those interested in furthering their understanding of the effects of nutrition on the mind and body.<br>

PETH 126
Principles of Strength and Conditioning

3 Credits (Formerly PE/TH 126)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment<br>Transfers to: CSU<br>This course is designed to include the necessary information needed for those intending to teach strength and conditioning. The course covers anatomy and physiology, bioenergetics, biomechanics, training adaptations, exercise and equipment selection, training techniques, program design, and safety factors. This course is designed for the student pursuing a career in the fitness industry, a certificate in the Fitness Specialist Program, or those interested in furthering their understanding of the effects of exercise on the body and mind.<br>

PETH 127
Exercise Physiology

3 Credits (Formerly PE/TH 127)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or appropriate assessment<br>Transfers to: CSU<br>This course provides an overview of how the body functions under conditions of exercise stress and how fitness training affects health and wellness. Emphasis will be placed on muscular, cardiovascular, respiratory, bioenergetics, and other physiological processes that are affected by exercise. The effects of various diseases will also be addressed. This course is designed for the student pursuing a career in the fitness industry, a Certificate in the
fitness specialist program, or those interested in furthering their understanding of the effects of exercise on the body and mind.<br>

72237  CLAS  8/24/13 - 12/14/13  R  0805 - 0930  Jodi Senk  L503
VC  8/24/13 - 12/14/13  Jodi Senk

PETH 131  
Structure and Analysis of Movement

3 Credits (Formerly PE/TH 131)  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or appropriate assessment<br>
<?
Transfers to: CSU<br>
This course provides an overview of the study of movement as it relates to exercise under both normal and injury conditions. Students will learn the basic anatomical principals used specifically in the area of human performance. Emphasis is placed on applying body alignment, range of motion, stabilization, and acceleration principles to the analysis of movement. This course is designed for the student pursuing a career in the fitness industry, a certificate in the Fitness Specialist Program, or those interested in furthering their understanding of the biomechanical effects of exercise on the body.<br>

72238  CLAS  8/24/13 - 12/14/13  M  1115 - 1240  Bianca Urquidi  L503
VC  8/24/13 - 12/14/13  Bianca Urquidi

PETH 188  
Theory and Practice of Coaching

3 Credits  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>
<?
Transfers to: CSU<br>
The purpose of this course is to explore the impact that coaches have on athletic programs in the community. This course is designed for all students interested in coaching individual and team sports. The course will cover topics such as role of the coach, athlete motivation, coaching leadership, coaching work teams, coaching technology, and effective coaching practice. At the end of the course, students will have more insight into coaching in various athletic programs.<br>

71365  CLAS  8/24/13 - 12/14/13  MW  0805 - 0930  Steve Johnson  L503

PETH 191  
Health: Personal Issues

3 Credits  (Formerly PE/TH 191, 010)  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>
<?
Transfers to: UC (credit limit*), CSU<br>
(*Students will receive credit from UC for only one of the following courses: PETH 191, PETH 192, or PETH 196)<br>
The course is designed for all students that are physically active and interested in learning how to improve and maintain their personal health. Topics covered include the general health principles, nutrition and diet, physical fitness, stress management, sexuality and reproduction, drug/alcohol use and abuse, consumer and safety issues and the process of death. Students learn how to develop sound health principles through text readings, lectures, assignments/labs and guest speakers.<br>

70338  CLAS  8/24/13 - 12/14/13  MW  0940 - 1105  Michael Hinze  L502
70347  CLAS  8/24/13 - 12/14/13  TR  0940 - 1105  Jodi Senk  L503
70604  CLAS  8/24/13 - 12/14/13  M  1900 - 2210  Bianca Urquidi  L503

PETH 192  
Health: Women’s Personal Health

Jul 29, 2013  137  3:27:22 PM
CLASS SCHEDULE
Fall 2013

3 Credits/(Formerly PE/TH 192, 011)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br> Transfers to: UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following courses: PETH 191, PETH 192, or PETH 196)<p>This course is designed for all students interested in expanding their knowledge regarding health problems and social issues unique to women. Physiological and psychological aspects of nutrition, hygiene, sexuality and reproduction, drugs and chemicals, and common diseases are among the many topics covered. Guest speakers, videos, current events, and text readings will assist the student in developing sound health principles.<br><br>70709  CLAS  8/24/13 - 12/14/13  MW  1425 - 1550  Mary Newkirk  L502

PETH 193

Standard First Aid and CPR

3 Credits/(Formerly PE/TH 193, 012)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br> Transfers to: UC, CSU<br>This course is designed for students pursuing a career working with the public and for those who want to further their understanding of handling emergency situations. The student will learn how to give immediate care to the suddenly injured or ill person. In addition, students will learn techniques for control of bleeding, splinting, transporting victims, emergency procedures, one person C.P.R. and the use of an AED. Students will have the opportunity to apply these technical procedures in class. This course fulfills the requirements for American Red Cross certifications in both Standard First Aid and Cardiopulmonary Resuscitation (C.P.R.).<br><br>70301  CLAS  8/24/13 - 12/14/13  MW  1250 - 1415  Armando Ayala  L502
70504  CLAS  8/24/13 - 12/14/13  TR  0940 - 1105  Armando Ayala  L502

PETH 194

Introduction to Kinesiology

3 Credits/(Formerly PE/TH 194, 015)<p>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or appropriate assessment<br> Transfers to: UC, CSU<br>This course is designed for those students who are interested in pursuing a career in the field of kinesiology. The philosophy, history and scientific foundations of kinesiology, exercise science, health/wellness, fitness and sport will be covered. Students will have the opportunity to explore professional career opportunities in teaching, coaching, athletic training, sport management, fitness leadership, sport media and health/wellness. The challenges, future of kinesiology, sport and health/wellness are also addressed.<br><br>70492  CLAS  8/24/13 - 12/14/13  MW  0940 - 1105  Kathy Pudelko  L503

PETH 196

Health: Fitness and Wellness

3 Credits/(Formerly PE/TH 196, 021)<p>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br> Transfers to: UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following courses: PETH 191, PETH 192, or PETH 196)<p>This course is designed for all students who are interested in learning the value of life-long, healthy lifestyles. Students will be given the tools to assist them in making positive life-style changes based on a personal health/fitness profile. Topics covered include: basic anatomy and physiology, nutrition, weight control, tobacco and alcohol, muscle fitness, flexibility, stress reduction, and cardiovascular functioning.<br><br>70300  CLAS  8/24/13 - 12/14/13  MW  0805 - 0930  Armando Ayala  L502
Advanced Athletic Training

3 Credits<br>Prerequisite: PETH 197<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course introduces the advanced concepts of athletic training, including instruction for evaluation and rehabilitation of common athletic injuries. Advanced taping and bracing techniques will also be presented and practiced. This class is designed for students interested in becoming a Certified Athletic Trainer or those who are preparing for a career in any allied health care profession.<br>

PHIL 101

Introduction to Philosophy

3 Credits<br>(Formerly PHIL 001)<br>Advisory: ENGL 101 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics will include the sources and limits of knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind. This course is appropriate for anyone seeking a broader program of philosophical study, or to fulfill general Humanities or Philosophy major requirements.<br>

PHIL 101H

Introduction to Philosophy Honors

3 Credits<br>Prerequisite: ENGL 101 with a "C" or better<br>Advisory: READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics will include the sources and limits of knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, political theory, or mind. This course is intended for those
who meet Honors Program requirements.

PHIL 110
Critical Thinking

3 Credits (Formerly PHIL 005)
Prerequisite: ENGL 101 or appropriate assessment
Advisory: READ 023 or appropriate assessment
Transfers to: UC, CSU

This course is an introduction to the methods and techniques of informal reasoning. Topics include schematizing and articulating arguments, causal arguments, analogical arguments, testimony arguments, informal fallacies, and others. Emphasis on the application of critical thinking for effective writing will be reflected in the frequency, scope, and nature of course writing assignments, which will be evaluated with regard to both content and form. Students should expect to write approximately 8000 words in various writing assignments. This course is appropriate for students seeking to improve their writing and reasoning skills.

PHIL 112
Introduction to Logic

3 Credits (Formerly PHIL 010)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or appropriate assessment
Transfers to: UC, CSU

This course introduces the formal methods and principles of deductive logic. Topics include translation between natural and formal language, syllogistic logic, and propositional logic. This course is especially recommended for students of mathematics, business, computer science, science, engineering, law, and humanities.

PHIL 120
Introduction to Ethics

3 Credits (Formerly PHIL 014)
Advisory: ENGL 101 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

This introductory level course is for students interested in the humanities, law, medicine, politics, social science and related fields, and will expose them to some of the most profound moral and ethical questions in the Western philosophical tradition. We will examine the concept of morality and values, representative ethical theories, and may include their applications to moral problems.

PHIL 140
Philosophy of Religion

3 Credits
Advisory: ENGL 101 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

This introductory level course is intended for all students seeking a thoughtful exploration of religious issues in a non-sectarian context, or as part of a broader program of philosophical study. We will address Western religion from a philosophical perspective, including arguments for and against the
existence of God, and an investigation into the status of religious beliefs. Additional topics may include a consideration of the evolution-creationism debate, and a discussion of religious pluralism.

PHTO 185
Introduction to Digital Photography

3 Credits/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This introductory course covers basic technical and conceptual skills in digital photography, including digital camera use, principles of photographic composition, digital image editing, and digital printing. This course is designed for non-photography majors interested in gaining experience with digital photography. Students are required to supply their own digital camera.

PHTO 190
Beginning Photography

3 Credits/Advisory: READ 023 or appropriate assessment; ART 120
Transfers to: UC, CSU
This course is designed for students who wish to study the basic technical and conceptual approaches to contemporary photography. Traditional black and white photography techniques are explored, with special emphasis on the basic use of the 35 mm camera and enlarger as well as the processing of black and white film and printing paper. Students are required to provide their own 35 mm camera with manual controls.

PHTO 191
Intermediate Photography

3 Credits/Prerequisite: PHTO 190
Advisory: READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for students who have successfully completed beginning photography and wish to study more advanced technical and conceptual approaches to contemporary black and white photography in a 35mm film based, wet lab environment. Techniques
such as the use of studio lighting, light meters, toners, hand coloring, and solarization are explored, with special emphasis given to understanding the conceptual framework for the production and analysis of both personal and commercial photographic imagery. Students are required to provide their own 35mm camera with manual controls.

70993  CLAS  8/24/13 - 12/14/13  MW  0800 - 0855  Chris Acuna-Hansen  B017
  LAB  8/24/13 - 12/14/13  MW  0900 - 1105  Chris Acuna-Hansen  B017

70995  CLAS  8/24/13 - 12/14/13  MW  1130 - 1225  Chris Acuna-Hansen  B017
  LAB  8/24/13 - 12/14/13  MW  1230 - 1435  Chris Acuna-Hansen  B017

70997  CLAS  8/24/13 - 12/14/13  TR  1130 - 1225  Chris Acuna-Hansen  B017
  LAB  8/24/13 - 12/14/13  TR  1230 - 1435  Chris Acuna-Hansen  B017

71553  CLAS  8/24/13 - 12/14/13  TR  1900 - 1955  Misty Cervantes  B017
  LAB  8/24/13 - 12/14/13  TR  2000 - 2205  Misty Cervantes  B017

PHTO 290

Medium and Large Format Photography

2 Credits/(Formerly PHOTO 290, 015)</p><b>Prerequisite:</b> PHTO 190</b><br/>b><b>Advisory:</b> READ 023 or appropriate assessment</br>b><b>Transfers to:</b> CSU</br>This course is designed for students who have successfully completed beginning photography and wish to study more advanced technical and conceptual approaches to contemporary black and white photography using medium and large format films and cameras in a traditional wet lab environment. Special emphasis is given to the understanding and analysis of photographic imagery.</br>70999  CLAS  8/24/13 - 12/14/13  T  0800 - 0855  Chris Acuna-Hansen  B017
  LAB  8/24/13 - 12/14/13  T  0900 - 1025  Chris Acuna-Hansen  B017

PHY 150

General Physics - I

4 Credits/(Formerly PHY 001)</p><b>Prerequisite:</b> MATH 175 with a grade of "C" or better or appropriate assessment</br>b><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment</br>b><b>Transfers to:</b> UC (credit limit *), CSU</br>(Students will receive credit from UC for one physics series: PHY 150 and PHY 160 or PHY 211, PHY 212, and PHY 213)</br>This course is the first of a two-semester sequence and is designed for students transferring to a four-year institution and planning careers in health professional fields such as medicine, dentistry, veterinary science, pharmacy, and optometry as well as those students in engineering technology and architecture. Students majoring in the biological sciences should consult a counselor as to whether this course satisfies the general preparation requirements for the major at the university. Topics include kinematics, dynamics, energy, work, momentum, and conservation principles.</br>70805  CLAS  8/24/13 - 12/14/13  MW  1435 - 1600  Gregory Miller  S226
  LAB  8/24/13 - 12/14/13  MW  1300 - 1425  Gregory Miller  S224

PHY 211

Physics for Scientists and Engineers - I

4 Credits/(Formerly PHY 201)</p><b>Prerequisite/Corequisite:</b> MATH 190 or MATH 190H</br>b><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment</br>b><b>Transfers to:</b> UC (credit limit *), CSU</br>(Students will receive credit from UC for one physics series: PHY 150 and PHY 160 or PHY 211, PHY 212, and PHY 213)</br>This course is the first of a three-semester sequence and is designed for students transferring to a four-year institution with majors in the sciences and
engineering. Topics covered are kinematics, dynamics, energy, work, momentum, and conservation principles.<br>

PHY 212
Physics for Scientists and Engineers - II

4 Credits/(Formerly PHY 203)<p>Prerequisite:/b> PHY 211 with a grade of "C" or better<br><b>Corequisite/Prerequisite:/b> MATH 191<br><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:/b> UC (credit limit*), CSU<br><b>(*Students will receive credit from UC for one physics series: PHY 150 and 160 or PHY 211, PHY 212, and PHY 213)<p>This course is the second of a three-semester sequence and is designed for students transferring to a four-year institution with majors in the sciences and engineering. Topics covered include quantum physics, physical optics, and thermodynamics.<br>

PHY 213
Physics for Scientists and Engineers - III

4 Credits/(Formerly PHY 202)<p>Prerequisite:/b> PHY 212 with a grade of "C" or better<br><b>Advisory:/b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:/b> UC (credit limit*), CSU<br><b>(*Students will receive credit from UC for one physics series: PHY 150 and PHY 160 or PHY 211, PHY 212, and PHY 213)<p>This course is the third of a three-semester sequence and is designed for students transferring to a four-year institution with majors in the sciences and engineering. Topics covered are electric fields, electric potential, current, circuits, magnetic fields, Gauss' law, Ampere's law, Maxwell's equations, induction, and electromagnetic waves.<br>

POL 110
Government of the United States

3 Credits/(Formerly POLYS 110, 002)<p>Advisory:/b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:/b> UC (credit limit*), CSU<br><b>(*Students will receive credit from UC for only one of the following courses: POLS 110 or POLS 110H)<p>This course surveys and analyzes the origins, principles, institutions, policies, and politics of U.S. National and California State Governments, including their constitutions. Emphasis is placed on the rights and responsibilities of citizens, and an understanding of the political processes and issues involved in the workings of government. This course fulfills the American Institutions requirement for the Associate Degree. It also is suitable for students wishing to expand their knowledge of local, state and national governments.<br>
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**POLS 110H**

**Government of the United States**

3 Credits<br> Formerly POLYS 110H<br>Prerequisite: ENGL 101 with a "C" or better<br>Advisory: READ 023 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU<br>*Students will receive credit from UC for only one of the following courses: POLS 110 or POLS 110H<br>This course surveys and analyzes the origins, principles, institutions, policies, and politics of U.S. National and California State Governments, including their constitutions. Emphasis is placed on the rights and responsibilities of citizens, and an understanding of the political processes and issues involved in the workings of government. This course fulfills the American Institutions requirement for the Associate Degree. It also is suitable for students wishing to expand their knowledge of local, state and national governments. This course is intended for students eligible for the Honors Program.<br>

**POLS 130**

**Comparative Government**

3 Credits<br>Formerly POLYS 130, 003<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course examines the political systems of selected industrial democracies, dictatorships, and governments of the developing world. Emphasis is placed on the institutional development and political processes and cultures within these countries. This course features an examination of current political problems and a comparison of such differing ideologies as Marxism, democracy, theocracy, and totalitarianism. This course is intended for the student interested in the study of foreign governments and for those who wish to major in political science.
POLS 140

International Relations

3 Credits (Formerly POLYS 140, 014)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

This course examines the structure and operation of the international system. Emphasis is placed on the nature and sources of conflict and cooperation, issues of war and peace among states in the international system, and international economic development. The impact of nation-states, international organizations, and non-governmental actors are all examined. This course is suitable for students who wish to expand their knowledge of international politics and for those who wish to major in political science or international relations.

72791 CLAS 8/24/13 - 12/14/13 MW 1115 - 1240 Colin Young B109

70227 CLAS 8/24/13 - 12/14/13 TR 0630 - 0755 Joshua Ramirez A228
70228 CLAS 8/24/13 - 12/14/13 TR 0805 - 0930 Joshua Ramirez A228
70229 CLAS 8/24/13 - 12/14/13 TR 1115 - 1240 Kevin Smith A228
70230 CLAS 8/24/13 - 12/14/13 TR 0940 - 1105 Debra Kaiser L505
70231 VC 8/24/13 - 12/14/13 Kevin Smith
70233 CLAS 8/24/13 - 12/14/13 T 1900 - 2210 Angela de Dios S336
70235 CLAS 8/24/13 - 12/14/13 MW 1425 - 1550 Vernon Padgett S336
70255 CLAS 8/24/13 - 12/14/13 M 1900 - 2210 Niki Milani S336
70256 CLAS 8/24/13 - 12/14/13 W 1900 - 2210 Joshua Ramirez A228
70257 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Angela de Dios S336
70258 CLAS 8/24/13 - 12/14/13 F 0800 - 1110 Niki Milani A228
70259 CLAS 8/24/13 - 12/14/13 F 1115 - 1425 Niki Milani A228
70261 CLAS 10/19/13 - 12/14/13 S 0800 - 1430 Angela de Dios A228
70262 VC 8/24/13 - 12/14/13 Judith Henderson
70263 VC 8/24/13 - 12/14/13 Michelle Pilati Corselli
70264 VC 10/7/13 - 12/14/13 Kevin Smith
70265 VC 10/7/13 - 12/14/13 Kevin Smith
70476 CLAS 8/24/13 - 12/14/13 MW 1250 - 1415 Karen Beck S336
70477 VC 10/7/13 - 12/14/13 Michelle Pilati Corselli

PSY 101

Introductory Psychology

3 Credits (Formerly PSY 001A)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU
*Students will receive credit from UC for only one of the following courses: PSY 101 or PSY 101H

This course is designed as a general introduction to psychology for psychology majors, those with an interest in psychology, or anyone with a desire to further their understanding of human behavior. It provides an overview of the field of psychology, introducing students to the research methods used to advance the science of psychology and the various areas that comprise this diverse discipline. Research and theories are presented, discussed, and evaluated. Topics covered include biological psychology, sensation and perception, lifespan development, learning, memory, motivation and emotion, cognition, personality, psychopathology and social psychology.

70227 CLAS 8/24/13 - 12/14/13 TR 0630 - 0755 Joshua Ramirez A228
70228 CLAS 8/24/13 - 12/14/13 TR 0805 - 0930 Joshua Ramirez A228
70229 CLAS 8/24/13 - 12/14/13 TR 1115 - 1240 Kevin Smith A228
70230 CLAS 8/24/13 - 12/14/13 TR 0940 - 1105 Debra Kaiser L505
70231 VC 8/24/13 - 12/14/13 Kevin Smith
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70256 CLAS 8/24/13 - 12/14/13 W 1900 - 2210 Joshua Ramirez A228
70257 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Angela de Dios S336
70258 CLAS 8/24/13 - 12/14/13 F 0800 - 1110 Niki Milani A228
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70261 CLAS 10/19/13 - 12/14/13 S 0800 - 1430 Angela de Dios A228
70262 VC 8/24/13 - 12/14/13 Judith Henderson
70263 VC 8/24/13 - 12/14/13 Michelle Pilati Corselli
70264 VC 10/7/13 - 12/14/13 Kevin Smith
70265 VC 10/7/13 - 12/14/13 Kevin Smith
70476 CLAS 8/24/13 - 12/14/13 MW 1250 - 1415 Karen Beck S336
70477 VC 10/7/13 - 12/14/13 Michelle Pilati Corselli

PSY 101H
CLASS SCHEDULE
Fall 2013

Introductory Psychology

3 Credits/Advisory: ENGL 101 with a grade of "C" or better
Prerequisite: ENGL 101 with a grade of "C" or better
Advisory: READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU
(*Students will receive credit from UC for only one of the following courses: PSY 101 or PSY 101H)
This course is designed as a general introduction to psychology for psychology majors, those with an interest in psychology, or anyone with a desire to further their understanding of human behavior. It provides an overview of the field of psychology, introducing students to the research methods used to advance the science of psychology and the various areas that comprise this diverse discipline. Research and theories are presented, discussed, and evaluated. Topics covered include biological psychology, sensation and perception, lifespan development, learning, memory, motivation and emotion, cognition, personality, psychopathology and social psychology. This course is intended for those who meet Honors Program requirements.

70266 CLAS 8/24/13 - 12/14/13 TR 1115 - 1240 Vernon Padgett A225

PSY 112

Lifespan Development

3 Credits/(Formerly PSY 012)/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU
(*Students will receive credit from UC for only one of the following courses: PSY 112 or CD 106)
This course provides an overview of human psychological development across the lifespan. The physical, cognitive, social, and emotional changes that occur from the prenatal period through old age are addressed. In addition, current research findings and their applicability to ongoing developmental problems are explored. This course is appropriate for the student seeking to develop a better understanding of the development gains and losses that occur throughout our lives.

70267 CLAS 8/24/13 - 12/14/13 MW 1115 - 1240 Vernon Padgett S336
70268 CLAS 8/24/13 - 12/14/13 W 1900 - 2210 Vernon Padgett S336
70269 VC 10/7/13 - 12/14/13 Michelle Pilati Corselli
70271 VC 10/7/13 - 12/14/13 Michelle Pilati Corselli

PSY 114

Introduction to Abnormal Psychology

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU
This course provides an introduction to the study of abnormal behavior for psychology majors, those with an interest in abnormal psychology, or anyone with a desire to further their understanding of abnormality. The classification, assessment and treatment of psychological disorders will be explored. Students will not only develop an understanding of the etiology and diagnosis of such disorders, as based upon DSM-IV-TR criteria, but develop an appreciation of the cultural, historical and theoretical influences that affect the definitions and treatment of abnormal behavior.

70272 CLAS 8/24/13 - 12/14/13 MW 0940 - 1105 Karen Beck S336
70273 VC 8/24/13 - 12/14/13 Christine Sutow

PSY 121

Drugs, Society, and Behavior

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is for the student who seeks a basic understanding of the effects of drugs of abuse and an in-depth consideration of the societal aspects of psychoactive drugs. It is designed
for those students interested in furthering their understanding of psychoactive drugs and those interested in working with populations recovering from or at risk for drug problems. Current and historical uses of and attitudes towards drugs will be addressed, as well as drug use disorders, drug legislation, and treatment options. Societal and cultural differences will also be noted.<br>

70156 CLAS 8/24/13 - 12/14/13 T 1900 - 2210 Debra Kaiser A228

**PSY 127**

**Introduction to the Physiological Effects of Drugs of Abuse**

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

This course is designed for students interested in furthering their understanding of psychoactive drugs and those interested in working with populations recovering from or at risk for drug problems. It provides an examination of the pharmacological actions of drugs of abuse and how this relates to the physiological, as well as the behavioral, effects of such drugs. The properties of drugs that increase the likelihood of the development of dependence will be emphasized.

70274 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Debra Kaiser A228

**PSY 180**

**Positive Psychology**

3 Credits/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

This course focuses on the research, theories, and ideas surrounding, promoting, and maintaining well-being, good health, and happiness. Students will explore topics in the field of positive psychology including but not limited to wellness, optimism, flow, happiness, and positive thinking. This course is beneficial for students that are Psychology majors, students looking to transfer as a Psychology majors and students that are interested in learning about positive psychology.

70275 CLAS 8/24/13 - 12/14/13 TR 0940 - 1105 Kevin Smith A228

**PSY 190**

**Statistics for the Behavioral Sciences**

4 Credits/Prerequisite: MATH 070 or MATH 070D with a grade of "C" or better or appropriate assessment

Advisory: ENGL 101 and READ 023 or appropriate assessment

This course provides an overview of the types of statistics that are important in the behavioral sciences. The main focus of this course is on hypothesis testing and the statistics that are used to analyze it. Students will learn to present and interpret experimental data from the behavioral sciences. Topics covered include basic probability, measures of central tendency, measures of variance, sampling, and inferential statistics. This course is designed for students majoring in psychology, sociology, political science, and anthropology.

72190 CLAS 8/24/13 - 12/14/13 MW 0900 - 1105 Kevin Smith A228

**PSY 200**

**Research Methods in Psychology**

3 Credits (Formerly PSY 002)/Prerequisite: PSY 101/Prerequisite/Corequisite: MATH 130 or PSY 190/Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

This course provides an introduction to the philosophy of science and the examination of the hypothetical deductive methods and their relationship to theory.
Topics include: the nature of experimental research and design, experimental and non-experimental research-including group and single-subject designs, literature review, research ethics, collection and analysis of data, and writing APA-style reports. Collection, handling, and analysis of original empirical data, during class and outside of class, in both experimental and nonexperimental designs, are an integral component of the course. The course is designed for students intending to pursue a degree in psychology.

**PSY 210**

**Biological Psychology**

3 Credits/(Formerly PSY 001B)<br>Prerequisite: PSY 101<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: PSY 210 or PSY 210H)<br>This course is designed for the student who has an interest in understanding the biological processes that underlie human behavior. The biological basis of normal and abnormal behavior, including sensory systems, brain and behavior relationships, and underlying neurochemical processes will be addressed. The extent to which biological processes interact with environmental influences to determine behavior will be explored.

**RDIO 136**

**Radio Production**

4 Credits/(Formerly RADIO 136, 036A)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course is intended as an introduction for students wanting to learn the production and management techniques in radio broadcasting. Students will be shown basic techniques for writing and producing the commercial and public service type announcements. Students will be shown through lecture, demonstration, and taped examples the proper announcing and on-air presentation techniques. Students will make demonstration tapes and air checks of examples of their work for submission to the instructor and the class for evaluation. Selected students will have an opportunity to air their programs over the campus radio station KRHC.

**RDIO 290**

**Cooperative Work Experience/Internship for Radio Related Fields**

1 Credits<br>Prerequisite: JOUR 147<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This course supports and reinforces on-the-job training in radio related fields under supervision of a college instructor and is facilitated by the use of learning objectives. The student will be working in a skilled or professional level assignment in an area of radio related fields and will meet performance objectives related to instruction that are above and beyond the conditions of regular employment. This course is intended for students whose intended job is related to the field of radio and have completed or enrolled in the appropriate coursework. "Contact the CWE office regarding re-enrollment procedures".

Student Unpaid Internship: 1 Unit/60 hours; 2 Units/120 hours; 3 Units/180 hours; 4 Units/240 hours
Student Paid Internship: 1 Unit/75 hours; 2 Units/150 hours; 3 Units/225 hours; 4 Units/300 hours.
CLASS SCHEDULE
Fall 2013

READ 021
Basic Reading

3 Credits/Formerly READ 055)
Prerequisite: Appropriate placement through the Rio Hondo Assessment process
Corequisite: READ 021L
This course is designed for students who want to improve their reading skills in order to succeed in other college classes. Students will learn how to read and understand short works of fiction and nonfiction as well as key vocabulary words associated with college and everyday life through context clues, word parts, and dictionary usage. Students will also learn to recognize transitions, main ideas and supporting details. This is a non-degree applicable course and is offered on a pass/no pass basis. All students are required to concurrently enroll in the Reading Lab, READ 021L.

70580 CLAS 8/24/13 - 12/14/13 TR 0805 - 0930 Karleen Curlee LR123
70583 CLAS 8/24/13 - 12/14/13 TR 0940 - 1105 Karleen Curlee LR123
70584 CLAS 8/24/13 - 12/14/13 MW 1115 - 1240 Raquel Flores-Olson LR119
73261 CLAS 8/24/13 - 12/14/13 M 1900 - 2210 Joyce Lim A204

READ 021L
Reading Lab

0.5 Credits/Prerequisite: Appropriate placement through the Rio Hondo Assessment process
Corequisite: READ 021
This course is a skills class designed to assist students in improving reading comprehension and vocabulary through individually prescribed lab work. Students will complete reading tasks intended to complement the activities of their reading course. All READ 021 students must enroll. This is a non-degree applicable course offered on a pass/no pass basis.

70621 LAB 8/24/13 - 12/14/13 Sharon Bell LR118

READ 022
Intermediate Reading Skills

3 Credits/Formerly READ 053A)
Prerequisite: READ 021 or appropriate assessment
Corequisite: READ 022L
This course is designed for students who want to improve their reading skills in order to succeed in other college classes. Students will develop comprehension and vocabulary through the reading of material drawn from popular works, textbooks, magazines, and newspapers. Areas addressed include determining main ideas, recognizing supporting details, identifying author’s organization, and making inferences. This is a non-degree applicable course and is offered on a pass/no pass basis. All students are required to concurrently enroll in Reading Lab, Reading 022L.

70586 CLAS 8/24/13 - 12/14/13 MW 0805 - 0930 Stephen Koelle LR119
70592 CLAS 8/24/13 - 12/14/13 TR 0805 - 0930 Stephen Koelle LR119
**CLASS SCHEDULE**

**Fall 2013**

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**READ 022L**

Reading Lab

0.5 Credits/Prerequisite: READ 021 or appropriate assessment/Corequisite: READ 022

This course is a skills class designed to assist students in improving reading comprehension and vocabulary through individually prescribed lab work. Students will complete reading tasks intended to complement the activities of their reading course. All READ 022 students must enroll. This is a non-degree applicable course offered on a pass/no pass basis.

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**READ 023**

Reading College Textbooks

3 Credits/(Formerly READ 053B)/Prerequisite: READ 022 or appropriate assessment

This is a course designed for students who need to improve their reading competencies in order to succeed in other college classes. Areas of emphasis will include reading strategies essential in such academic areas as social sciences, science, technology, business and humanities. The course also introduces academic vocabulary. This is a non-degree credit course and is offered on a pass / no-pass basis.

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**READ 101**

Critical Reading

3 Credits/Prerequisite: READ 023 or appropriate assessment/Advisory: ENGL 035 or ENLA
100 or appropriate assessment<br>Transfers to:</b> CSU<p>This course is designed to aid students in acquiring critical reading and thinking skills across the disciplines. Emphasis is placed on the ability to analyze and evaluate material by establishing thesis and support as well as by analyzing elements of argumentation. The course also focuses on vocabulary and the effects of language on the reader.<br><

70641 CLAS 8/24/13 - 12/14/13 TR 1115 - 1240 Sharon Bell A214
70642 CLAS 8/24/13 - 12/14/13 MW 1250 - 1415 Raquel Flores-Olson A202
70643 CLAS 8/24/13 - 12/14/13 W 1900 - 2210 Arline Juchartz LR123

READ 134

**Effective Study Methods**

3 Credits/(b>(Formerly READ 034)<p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to:</b> CSU<p>This course is designed for students who want to acquire study strategies for college success and lifelong learning. The class topics include student motivation techniques, time management methods, book marking approaches, memory processes, lecture note-taking styles, test preparation procedures, and test-taking strategies. In addition, students will explore more effective class-related communications and creative thinking styles while using college, internet, and community resources. By learning, practicing, and implementing the course theories and strategies, students will succeed in their education, careers, and communities.<br><

70645 CLAS 8/24/13 - 12/14/13 W 1900 - 2210 Elizabeth Serrao A204
70646 VC 8/24/13 - 12/14/13 Doreen Kaller

SOC 101

**Introduction to Sociology**

3 Credits/(b>(Formerly SOC 001A)<p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to:</b> UC (credit limit*), CSU<p>(*Students will receive credit from UC for only one of the following courses: SOC 101 or SOC 101H)<p>This course is designed for those with an interest in Sociology, or anyone with a desire to further their understanding of human group behavior and the organization of society. The student, using several theoretical points of view, will study and analyze: (1) the organization of social life; (2) problems of inequality - of age, sex, race and ethnicity, social class and life style; (3) the basic social institutions: family, religion, and economics; and (4) global issues of technology, social movements and social change.<br><

70278 CLAS 8/24/13 - 10/18/13 MW 1425 - 1730 Brian Brutlag A229
70279 CLAS 8/24/13 - 12/14/13 MW 0940 - 1105 Brian Brutlag A229
70280 CLAS 8/24/13 - 12/14/13 TR 0940 - 1105 Brian Brutlag A229
70281 CLAS 8/24/13 - 12/14/13 MW 1115 - 1240 Melissa Juarez A229
70282 CLAS 8/24/13 - 12/14/13 TR 1250 - 1415 Kevin Barman A229
70283 CLAS 8/24/13 - 12/14/13 M 1900 - 2210 Melissa Govea A229
70284 CLAS 8/24/13 - 12/14/13 T 1900 - 2210 Ruzanna Karmiryan A229
70285 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Kevin Barman A229
70286 CLAS 8/24/13 - 12/14/13 F 0800 - 1110 Tiffany Gause A229
70287 CLAS 10/19/13 - 12/14/13 S 0800 - 1430 Ruzanna Karmiryan A229
70288 VC 8/24/13 - 12/14/13 Daniel Roddick
70289 VC 8/24/13 - 12/14/13 Daniel Roddick
70290 VC 10/7/13 - 12/14/13 Melissa Juarez
SOC 102

Major Social Problems

3 Credits

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC, CSU

This course is designed to provide students with an understanding of the definition, development, reduction and elimination of major social problems in contemporary society. Topics addressed include problems of mental and physical health including addictions, crime and violence, social inequality, terrorism and war, as well as technology and the environment. Various social theories and relevant empirical research are critically examined throughout the course.

SOC 105

Introduction to Human Sexuality

3 Credits

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC, CSU

This course is designed for students interested in the social scientific study of human sexuality. The course provides students with knowledge about the processes and variation in sexual functions, reproduction, intimate relationships, sexual and gender role development and sexual activities. Numerous factors involved in human sexuality are explored, emphasizing sexuality as a form of human interaction. The social, cultural, and historical contexts of human sexuality will be critically analyzed.

SOC 110

Human Sexuality from a Cross-Cultural Perspective (Same as ANTH 110)

3 Credits

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC, CSU

This course is designed to provide the student who has an interest in human sexuality with an introduction to this subject as a form of culturally-influenced social interaction. Topics addressed include historical views of sexuality, gender identity, and the impact of cultural change on sexual interest and activity. A social scientific analysis of various aspects of human sexual behavior will be used to examine sexuality as a form of social interaction in a cultural context. Various social theories and relevant empirical research are critically analyzed from both a Western and non-Western perspective.

SOC 114

Marriage, Family and Intimate Relationships

3 Credits

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC, CSU

This course is designed for the student interested in examining, from a sociological perspective, issues such as marriage, family, and emerging alternative life styles which constitute the reality of life today. The course explores love, sexuality, mate selection, and engagement preceding traditional marriage and family patterns, extra-marital and non-marital unions, singles, and future trends in intimate relationship styles.
SOC 120

Perspectives of Sex & Gender

3 Credits
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC, CSU

In this course we will explore how gender shapes our lives and the world around us. Using a sociological perspective, we will examine gender as a social construction rather than a simple biological difference. Topics to be covered will include, but not encompass, cultural ideas of gender, gender and the economy, politics, the media, families, and education. This course is designed for men and women who want to learn more about the social connections of gender and how the importance of gender differences are strengthened in our society today.

SPAN 101

Spanish I

4 Credits
(Formerly SPAN 001)
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: UC (credit limit*), CSU

This course is an introduction to the essentials of Spanish language: reading, listening, speaking, and writing skills. Various facets of Spanish-speaking cultures will be analyzed via cross-cultural comparisons. In addition to classroom discussion, students receive intensive individualized oral-aural practice in the language laboratory via interactive websites, audio CDs, video programs, and CD ROMs. This class is designed for those students who do not have a Spanish language background who wish to learn to speak Spanish or who seek a degree in the Spanish language.
SPAN 102
Spanish II

4 Credits/(Formerly SPAN 002)/<p><b>Prerequisite:</b> Successful completion of SPAN 101 or two years of high school Spanish<br><b>Transfers to:</b> UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following sequences of courses: SPAN 101 and SPAN 102 or SPAN 130 and SPAN 131)<p>This course is a continuation of the study of the essentials of Spanish language: reading, listening, speaking, and writing skills. The skills learned in Spanish 101 will be reviewed. The class will increase vocabulary, grammar, and cultural knowledge to improve on the reading, listening, speaking and writing skills presented in Span 101. In this course the study of verb tenses and constructions is completed. Various facets of Spanish-speaking cultures will be analyzed via cross-cultural comparisons. In addition to classroom discussion, students receive intensive individualized oral-aural practice in the language laboratory via interactive websites, audio CDs, video programs, and CD ROMs. This class is designed for those students who do not have a Spanish language background who wish to learn to speak Spanish or who seek a degree in the Spanish language.<br>

SPAN 130
Spanish for Heritage Speakers I

3 Credits/(Formerly SPAN 015A)/<p><b>Advisory:</b> ENGL 030 or ENLA 034 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following sequences of courses: SPAN 101 and SPAN 102 or SPAN 130 and SPAN 131)<p>This course is designed to improve the language skills of students with a Spanish language background. Emphasis will be placed on the improvement of reading and writing skills. Aspects of culture, civilization, and literature from the Spanish-speaking countries will be included.<br>
SPAN 201
Spanish III

4 Credits <b>(Formerly SPAN 003)</b>  
Prerequisite: SPAN 102 or SPAN 131 with a "C" or better, or three years of high school Spanish  
Transfers to: UC (credit limit*), CSU  
(*Students will receive credit from UC for only one of the following courses: SPAN 201 or SPAN 201H)  
This is an intermediate level course in which Spanish grammar is reviewed. It also includes intensive classroom practice in conversation and composition. In addition to classroom instruction, students receive intensive, individualized oral-aural practice in the language laboratory in which websites, video programs, audio CDs, and CD ROMs are used. Many aspects of Spanish culture are introduced in short stories by Latin American and Spanish authors. Students strengthen their communication and writing skills by analyzing these stories in Spanish. This course is designed/intended for students who wish to broaden their knowledge in Spanish as well as for those interested in pursuing a degree in the Spanish language.<br>

SPAN 201H
Spanish III

4 Credits  
Prerequisite: ENGL 101 with a grade of "C" or better and SPAN 102 or SPAN 131 with a grade of "C" or better, or three years of high school Spanish  
Transfers to: UC (credit limit*), CSU  
(*Students will receive credit from UC for only one of the following courses: SPAN 201 or SPAN 201H)  
This is an intermediate level course in which Spanish grammar is reviewed. It also includes intensive classroom practice in conversation and composition. In addition to classroom instruction, students receive intensive individualized oral-aural practice in the language laboratory in which websites, video programs, audio CDs, and CD ROMs are used. Many aspects of Spanish culture are introduced in short stories by Latin American and Spanish authors. Students strengthen their communication and writing skills by analyzing these stories in Spanish. This course is designed/intended for students who wish to broaden their knowledge in Spanish as well as for those interested in pursuing a degree in the Spanish language.  

SPCH 100
Interpersonal Communication

3 Credits  
Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment  
Transfers to: UC, CSU  
Interpersonal Communication is an introductory course focusing on interactions between two people. Designed to provide students with greater understanding of communication in every day activities, the course focuses on self-discovery and strengthening the self-image; discovering and understanding the factors that influence communication behavior; and the establishment and maintenance of meaningful relationships in professional and social settings. This course is designed for speech communication majors or anyone with an interest in human communication.  

SPCH 101
Public Speaking
3 Credits/<b>(Formerly SPCH 001A)</b><p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: SPCH 101 or SPCH 102)<br>This introductory course is designed to prepare students to be effective oral communicators in all aspects of public presentations including design and delivery of the public speech. The course is appropriate for all students interested in developing their public speaking knowledge and skills such as speech communication majors, future teachers, and future business leaders.<br></p>70491 CLAS 8/24/13 - 12/14/13 MW 0630 - 0755 Jeannette Duarte A220<br>70501 CLAS 8/24/13 - 12/14/13 TR 0630 - 0755 Jeannette Duarte A220<br>70507 CLAS 8/24/13 - 12/14/13 MW 0805 - 0930 Jeannette Duarte A220<br>70510 CLAS 8/24/13 - 12/14/13 TR 0805 - 0930 James Ameen A220<br>70512 CLAS 8/24/13 - 12/14/13 MW 0940 - 1105 Libby Curiel A213<br>70513 CLAS 8/24/13 - 12/14/13 TR 0940 - 1105 Lisette Acevedo A214<br>70514 CLAS 8/24/13 - 12/14/13 MW 1115 - 1240 Libby Curiel A227<br>70516 CLAS 8/24/13 - 12/14/13 TR 1115 - 1240 Lisette Acevedo A220<br>70519 CLAS 8/24/13 - 12/14/13 F 1115 - 1425 Gilbert Puga A220<br>70525 CLAS 8/24/13 - 12/14/13 MW 1250 - 1415 Jeannette Duarte A220<br>70531 CLAS 8/24/13 - 12/14/13 MW 1420 - 1545 Jeannette Duarte A220<br>70532 CLAS 8/24/13 - 12/14/13 TR 1420 - 1545 Lisette Acevedo A218<br>70533 CLAS 8/24/13 - 12/14/13 W 1550 - 1900 Carmen Rodriguez A220<br>70534 CLAS 8/24/13 - 12/14/13 R 1545 - 1855 Voiza Arnold A214<br>70535 CLAS 8/24/13 - 12/14/13 M 1900 - 2210 Zeb Sanders A218<br>70536 CLAS 8/24/13 - 12/14/13 T 1900 - 2210 Gilbert Puga A220<br>70537 CLAS 8/24/13 - 12/14/13 W 1905 - 2215 Carmen Rodriguez A220<br>70538 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Sparkle Hickey A227<br>70545 CLAS 8/28/13 - 8/28/13 W 1420 - 1725 Lisette Acevedo A213<br>9/4/13 - 9/4/13 W 1420 - 1725 Lisette Acevedo A213<br>9/25/13 - 9/25/13 W 1420 - 1725 Lisette Acevedo A213<br>10/2/13 - 10/2/13 W 1420 - 1725 Lisette Acevedo A213<br>11/27/13 - 11/27/13 W 1420 - 1725 Lisette Acevedo A213<br>12/4/13 - 12/4/13 W 1420 - 1725 Lisette Acevedo A213<br>VC 8/24/13 - 12/14/13 Lisette Acevedo<br>70547 CLAS 8/24/13 - 12/14/13 MW 0805 - 0930 Wendy Lai A218<br>70549 CLAS 10/19/13 - 12/14/13 MW 1550 - 1900 Leena Sheth A227<br>71182 CLAS 8/24/13 - 12/14/13 TR 1115 - 1240 Mary Woudenbergs SW106<br>72248 CLAS 8/24/13 - 12/14/13 TR 0940 - 1105 Libby Curiel A220

**SPCH 102**

**Fundamentals of Oral Communication**

3 Credits/<b>(Formerly SPCH 001A)</b><p><b>Advisory:</b> ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br><b>Transfers to:</b> UC (credit limit*), CSU (*Students will receive credit from UC for only one of the following courses: SPCH 101 or SPCH 102)<br>This course is designed for students who want a broad overview of communication. The principles of interpersonal communication, group communications, and public speaking will be addressed. The roles of interpersonal and group communication as they are used in everyday activities and in the workplace will be covered. Students will develop, organize, and deliver speeches for a variety of
public audiences and occasions.\n
70551  CLAS  8/24/13 - 12/14/13  MW  0940 - 1105  Michael Goodwyn  A215

**SPCH 110**

Forensics: Speech and Debate Team

2 Credits/(Formerly SPCH 011)<p>Advisory:/ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment</p>Transfers to:/CSU<p>This course trains students to participate in Rio Hondo's Forensic Speech Team and/or to participate in community speech activities. This course emphasizes speech writing and/or presentation in debates, limited preparation speeches, drama, poetry, prose, humorous, informative, and persuasive speaking genres. This course is appropriate for students specializing in areas involving public speaking such as law, political science, drama, and instruction. This course may be taken once for credit and repeated three times for credit.\n
70560  CLAS  8/24/13 - 12/14/13  T  1115 - 1210  Libby Curiel  A222

**SPCH 111**

Forensics: Debate Research and Practice

2 Credits/(Formerly SPCH 011B)<p>Advisory:/ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment</p>Transfers to:/CSU<p>This course involves participation in Rio Hondo's Forensic Debate Team. Students research, structure, and present debate cases. Students in this course will improve their ability to debate at intercollegiate debate tournaments. Emphasis is placed on successful participation in National Parliamentary Debate Association (NPDA) sanctioned tournaments. This course is recommended for students preparing for careers in law, political science, or community advocacy. This course may be taken once and repeated three times for credit.\n
70566  LAB  8/24/13 - 12/14/13  Grant Tovmasian  A222

**SPCH 112**

Forensics: Oral Interpretation Laboratory

2 Credits/(Formerly SPCH 012)<p>Advisory:/ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment</p>Transfers to:/CSU<p>This course is designed to train students in the analysis and performance of literature at speech events attended by the Forensic Speech Team. Students develop skills to interpret and perform literature ranging from the play, screenplay, short story, novel, and poetry. Students gain an understanding of character and scene analysis as it applies to an oral interpretation performance. This course is recommended for students specializing in communication, performance studies, and creative literature. This course may be taken once and repeated three times for credit.\n
70567  LAB  8/24/13 - 12/14/13  Elizabeth Crossman  A222

**SPCH 130**

Oral Interpretation

3 Credits/(Formerly SPCH 030)<p>Advisory:/ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment</p>Transfers to:/UC, CSU<p>This communication course focuses on the oral performance of various forms of literature, such as poetry, prose, and drama. The skills needed for making such public performances will be addressed and student knowledge of the various forms of literature will be enhanced.
Emphasis is placed on creating the essence of characters in a text through facial, vocal, and kinetic methods. This course is appropriate for speech majors or anyone interested in public performance and literature.<br>

70568 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Zeb Sanders A215

SPCH 132
Readers Theatre

3 Credits (Formerly SPCH 132A, 132B)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU<br>This is a creative communication course focusing on group presentations of literature. Students will perform pose, drama, and/or poetry in groups so that a communicative message emerges and fosters imaginative responses in the minds of an audience. Emphasis is placed on the fusion between rhetoric, interpretation and acting. Readers Theatre is designed for Speech Communication majors and those interested in literature and performance.<br>

72750 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Zeb Sanders A215

SPCH 140
Argumentation and Debate

3 Credits (Formerly SPCH 040A)<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following courses: SPCH 140 or SPCH 240)<br>This course is an introduction to the principles and techniques of argumentation and debate. Effective methods of research, critical analysis, reasoning, refutation, and listening are stressed. Through debate participation and analysis, students will gain the knowledge and skills to advocate and refute argumentative positions. This course is particularly appropriate for students anticipating entering occupations where argumentation, negotiation, and issue-analysis are likely to occur.<br>

70569 CLAS 8/24/13 - 12/14/13 MW 1250 - 1415 Gilbert Puga A227
70570 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Gilbert Puga A220
72284 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Gilbert Puga A220
73258 CLAS 8/24/13 - 12/14/13 T 1545 - 1855 Gilbert Puga A218

SPCH 240
Argumentation and Discussion

3 Credits (Formerly SPCH 040B)<br>Prerequisite: SPCH 140 with a grade of "C" or better<br>Transfers to: UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following courses: SPCH 140 or SPCH 240)<br>This course gives the student expanded practice and theory in argumentation. Students further develop their argumentation knowledge and skills through debate participation, observation, and discussion. This course is particularly appropriate for students anticipating entering occupations involving extensive argumentation and deliberation such as law, communication, negotiation, and any area where argumentation and debate occur frequently.<br>

70571 CLAS 8/24/13 - 12/14/13 MW 1250 - 1415 Gilbert Puga A227
72284 CLAS 8/24/13 - 12/14/13 R 1900 - 2210 Gilbert Puga A220
73283 CLAS 8/24/13 - 12/14/13 T 1545 - 1855 Gilbert Puga A218

THTR 101
Theatre Arts Appreciation
CLASS SCHEDULE
Fall 2013

3 Credits<br>(Formerly THEAT 101, 005)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to: UC, CSU<br>This course is an introduction and broad view of the entire field of theatre arts. The practice and theory of the following will be explored: costume, stage and lighting design, acting, directing, playwrighting, criticism, play structure, theatre architecture and producing. Included will be a brief historical overview. At least one field trip to an outstanding theatre production will be required. Recommended for all students. Required for Theatre Arts majors.<br>

71019  CLAS  8/24/13 - 12/14/13  MW 0805 - 0930  Andrew Levy  M109
71020  CLAS  8/24/13 - 12/14/13  S 0900 - 1210  Kirk Vichengrad  M109
71023  CLAS  8/24/13 - 12/14/13  TR 0805 - 0930  Kirk Vichengrad  M109
71024  VC  8/24/13 - 12/14/13  Susanna Levitt
71028  VC  8/24/13 - 12/14/13  Ashley Ward
72864  CLAS  8/24/13 - 12/14/13  M 1800 - 2110  Andrew Levy  SW000

THTR 105H

The History and Development of the Theatre

3 Credits<br>(Formerly THEAT 105H)<br>Prerequisite: ENGL 101 with a grade of "C" or better<br>Advisory: READ 023 or appropriate assessment<br>Transfers to: UC (credit limit*), CSU<br>(*Students will receive credit from UC for only one of the following courses: THTR 105 or THTR 105H)<br>This course is designed for the student with an interest in history of the theatre. It will cover humanity’s relationship with theatre from primitive tribal cultures through today’s large musicals and blockbuster hits. The class explores the way societies’ religious, political and social structures were presented and shared through their theatre. The class will investigate major plays, playwrights and historic theatrical techniques through lectures, discussion, field trips and films. This course is designed for students eligible for the Honors program.<br>

72866  CLAS  8/24/13 - 12/14/13  TR 1250 - 1415  William Korf  M109

THTR 110

Principles of Acting

3 Credits<br>(Formerly THEAT 110, 010A)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: UC, CSU<br>This course is designed for the student who is interested in acting and other areas of theatre, film and Television, whether as a profession or as a hobby. The class explores the theory, practice and techniques of acting. Emphasis is placed on theatre games and exercises culminating in the presentation of scenes from contemporary dramatic literature.<br>

71031  CLAS  8/24/13 - 12/14/13  MW 0900 - 0955  Anneliese Euler  CI000
        LAB  8/24/13 - 12/14/13  MW 1000 - 1125  Anneliese Euler  CI000
71042  CLAS  8/24/13 - 12/14/13  TR 0940 - 1035  William Korf  CI000
        LAB  8/24/13 - 12/14/13  TR 1040 - 1205  William Korf  CI000

THTR 111

Principles of Acting

3 Credits<br>(Formerly THEAT 111, 010B)<br>Prerequisite: THTR 110<br>Transfers to: UC, CSU<br>This course is for the student who wants to continue the exploration of theories and techniques used in preparation for the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through exercises, character analysis, monologues, and scenes.
THTR 150
Theatre Crafts

3 Credits/(Formerly THEAT 150, 020A)<b>Advisory:<br>ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to:<br>UC, CSU</b>The course is designed for the student who wishes to gain a basic understanding of the technical phases of scene production including construction, painting, rigging, placement and manipulation of stage scenery, lighting equipment, sound equipment, properties and wardrobe as well as the organization and management of stage activity and stagecraft terminology. The student will study the aesthetics and practical application principles of stage scenic, sound and lighting design. Students are assigned a specific crew responsibility that directly relates to a college theatre production.<br>

THTR 151
Theatre Crafts

3 Credits/(Formerly THEAT 151, 020B)<b>Prerequisite:<br>THTR 150</b><b>Advisory:<br>ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to:<br>UC, CSU</b>This course is designed for the student who wishes to expand the skills and concepts acquired in Theatre Crafts I (THTR 150). Topics such as the technical phases of scene production including construction, painting, rigging, placement and manipulation of stage scenery, lighting equipment, sound equipment, properties and wardrobe as well as the organization and management of stage activity and stagecraft terminology are revisited and expanded upon. The student will additionally do extensive study of the aesthetics and practical application principles of set design, sound design, and lighting design. Students are assigned a specific crew duty such as light board operator, sound operator or stage crew lead with added responsibility that directly relates to a college theatre production.<br>

THTR 152
Theatre Crafts

3 Credits/(Formerly THEAT 152, 021)<b>Prerequisite:<br>THTR 151</b><b>Advisory:<br>ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>Transfers to:<br>UC, CSU</b>This course is designed for the student who wishes to further expand the skills and concepts acquired in Theatre Crafts I and II. Technical phases of scene production including construction, painting, rigging, placement and manipulation of stage scenery, lighting equipment, sound equipment, properties and wardrobe as well as the organization and management of stage activity and stagecraft are examined in greater depth. The student will complete an in depth study of the theatrical design process by designing sets, props, lights and or sound for Rio Hondo theatrical productions. Students are assigned a specific crew lead with supervisory responsibility that directly relates to a college theatre production.<br>

THTR 159
CLASS SCHEDULE
Fall 2013

Stage Crew Activity

1 Credits/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
The course is designed for the student to gain practical hands on technical experience working backstage on Arts and Cultural Programs approved public performances of theatrical, musical or dance productions and is taken in conjunction with Technical Theatre courses. The course may be taken once and repeated three times for credit.

72923 ARR 8/24/13 - 12/14/13 William Korf

THTR 160

Introductory Playwriting Screenwriting

3 Credits/ (Formerly THEAT 160, 006)/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: CSU
This course includes the writing of a one act play (30-60pp) or the main portion of a full length play or screenplay; writing exercises; play and movie going; a final staged reading of finished scripts by student actors.

73263 CLAS 8/24/13 - 12/14/13 T 1800 - 1855 Stephen Shade M109
8/24/13 - 12/14/13 T 1900 - 2210 Stephen Shade M109

THTR 170

Theatre Rehearsal and Performance

3 Credits/ (Formerly THEAT 170, 030)/Advisory: THTR 110
Transfers to: UC, CSU
This course is intended for the student who would like to develop their acting and/or technical skills through theatre production. Students are given an opportunity to be part of a theatre company in the organization of full-length and/or one-act plays. Students participate in theatre activity that may include acting, direction, production and management under the supervision and guidance of a faculty director. Productions will be presented for public performance and will be part of the Kennedy Center/American College Theatre Festival Competition.

71069 CLAS 8/24/13 - 12/14/13 M 1900 - 1955 William Korf CI000
LAB 8/24/13 - 12/14/13 W 1900 - 2235 William Korf CI000
8/24/13 - 12/14/13 M 2000 - 2235 William Korf CI000

THTR 174

Introduction to Stage Costume

3 Credits/Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: UC, CSU
This course is designed for the student who seeks to gain an understanding and appreciation of costume techniques used for the theatre and other entertainment industries. The student will gain the practical knowledge and experience necessary to work in a costume shop; an understanding of costume history; basic costume design including sketching; basic costume construction including alteration and sewing; costume design tools, materials and crafts; costume sourcing practices; and, backstage costume preparation and practices for productions. Students will be able to identify period costumes (garments and accessories), analyze the effectiveness of costumes in a production, draft a pattern in order to sew/construct a garment, and source costumes needed for a production through vendors.

72907 CLAS 8/24/13 - 12/14/13 MW 1615 - 1710 Carolyn Robertson CI000
LAB 8/24/13 - 12/14/13 MW 1715 - 1840 Carolyn Robertson CI000
## THTR 180
### Touring Theatre Local I
2 Credits (Formerly THEAT 180, 280)
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment
Transfers to: CSU
This course is designed for the student who wishes to gain a basic understanding of the rigorous requirements of touring a theatre production, including acting, lighting, and maintaining props, costumes and sets. Students are assigned a specific responsibility that directly relates to a production that tours locally.

<table>
<thead>
<tr>
<th>Section</th>
<th>Class</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>73259</td>
<td>8/24/13 - 12/14/13</td>
<td>F</td>
<td>0800 - 0855</td>
<td>Ann Gresham</td>
<td>M109</td>
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<tr>
<td>73265</td>
<td>8/24/13 - 12/14/13</td>
<td>F</td>
<td>0930 - 1025</td>
<td>Dana Vazquez</td>
<td>CI000</td>
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## THTR 230
### Principles of Directing
3 Credits (Formerly THEAT 230, 012A)
Prerequisite: THTR 110
Advisory: READ 023 or appropriate assessment
Transfers to: UC, CSU
This course is designed for the student who wants to develop their ability to work with actors, interpret drama and to stage plays. It will cover the history and the techniques of the stage director. Emphasis is placed on class activities such as exercises and scenes. Career opportunities, stage management and assistant directing are also covered. It is a requirement for the Theatre Arts major.

<table>
<thead>
<tr>
<th>Section</th>
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<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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<td>72870</td>
<td>8/24/13 - 12/14/13</td>
<td>MW</td>
<td>1600 - 1655</td>
<td>William Korf</td>
<td>CI000</td>
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## TV 135
### Creative Digital Video
3 Credits (Formerly MASSC 135)
Advisory: ENGL 035 or ENLA 100 or appropriate assessment
Transfers to: UC, CSU
This is a basic course in film-style production techniques for drama and music videos. Topics will include creating a story treatment, script writing, storyboarding, camera handling, lighting, audio, and simple editing. Students will work in teams and crew all positions, including writer, producer, director, 1st assistant director, 2nd assistant director, lighting director, gaffer, camera operator, boom operator, and editor. Emphasis will be placed on defining the content, structure, and style of the production. This course may be of interest to students interested in both film and television production.

<table>
<thead>
<tr>
<th>Section</th>
<th>Class</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>71015</td>
<td>8/24/13 - 12/14/13</td>
<td>TR</td>
<td>1540 - 1635</td>
<td>Nicole Block</td>
<td>LR140</td>
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## VN 071L
### Introduction to Medical-Surgical Nursing Lab
3.5 Credits
Prerequisite: VN 061 with a grade of "C" or better and VN 061L with a grade of "Pass"
This course will provide the student with the opportunity to use the nursing process at a beginning level to care for patients in the clinical setting. The student will develop competency in data collection and basic nursing skills. Special emphasis will be placed on the care of the patient with problems of the endocrine, musculoskeletal and integumentary systems, as well as the older adult. This course is open to students enrolled in the Vocational Nursing Program and is required for Vocational Nursing licensure. Offered on a pass/no pass basis.
**CLASS SCHEDULE**  
*Fall 2013*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Type</th>
<th>Dates</th>
<th>Days</th>
<th>Times</th>
<th>Instructor</th>
<th>Location</th>
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<td>70244</td>
<td>LAB</td>
<td>8/24/13 - 10/18/13</td>
<td>MW</td>
<td>0630 - 1805</td>
<td>Martha Mitchell</td>
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<td>70245</td>
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<td>Gail Modyman</td>
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<td>70246</td>
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<td>8/24/13 - 10/18/13</td>
<td>MU</td>
<td>0630 - 1805</td>
<td>Mario Chavez</td>
<td>Arcadia Methodist Hospital</td>
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**VN 072L**

*Intermediate Medical-Surgical Nursing Lab*

3.5 Credits/<b>Prerequisite:</b> VN 071L with a grade of "Pass"; VN 074 and VN 075 with a grade of "C" or better  
<b>Corequisite:</b> VN 073  

This course will provide the student with the opportunity to use the nursing process with increasing independence in providing care for patients in the clinical setting. The student will increase competency in data collection and nursing skills. Special emphasis will be placed on the care of the patient with problems of the cardiovascular respiratory, gastrointestinal and renal systems. This course is open to students enrolled in the Vocational Nursing program and is required for Vocational Nursing licensure. Offered on a pass/no pass basis.

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<tr>
<th>Course Code</th>
<th>Type</th>
<th>Dates</th>
<th>Days</th>
<th>Times</th>
<th>Instructor</th>
<th>Location</th>
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<td>70247</td>
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<td>10/19/13 - 12/14/13</td>
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<td>0630 - 1805</td>
<td>Poy Sakjirapapong</td>
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<td>10/19/13 - 12/14/13</td>
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<td>0630 - 1805</td>
<td>Virginia Montez-Ochoa</td>
<td>Arcadia Methodist Hospital</td>
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**VN 073**

*Basic Pharmacology*

2 Credits/<b>(Formerly VN 103)</b>  
<br>**Prerequisite:** VN 061 with a grade of "C" or better and VN 061L with a grade of "Pass"  
**Advisory:** HS 045 and READ 023 or appropriate assessment  

This is an introductory course of basic techniques and computations used in the administration of medications. Completion of the course prepares the student to safely administer medications to patients under the supervision of the nursing instructor. This course is open to students enrolled in the Vocational Nursing Program and is required for the Vocational Nursing Licensure.

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<th>Instructor</th>
<th>Location</th>
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<td>R</td>
<td>1600 - 1815</td>
<td>Karen Gottlieb</td>
<td>S202</td>
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<td>10/19/13 - 12/14/13</td>
<td>R</td>
<td>1600 - 1815</td>
<td>Karen Gottlieb</td>
<td>S202</td>
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</tbody>
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**VN 074**

*Nursing Care of Patients with Integumentary/Orthopedic Problems and Concepts of Gerontologic Nursing*

2.5 Credits/<b>Prerequisite:</b> VN 061 with a grade of "C" or better and VN 061L with a grade of "Pass"  

Using the Systems Developmental Stress Model, The Nursing Process, and Erickson's Psycho-Social Theory of Human Development, this course is designed to prepare the vocational nursing student with the foundational knowledge necessary to care for the aging patient, and patients with disorders of the musculoskeletal and Integumentary systems. This course is open to students enrolled in the Vocational Nursing Program.

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<tr>
<th>Course Code</th>
<th>Type</th>
<th>Dates</th>
<th>Days</th>
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<th>Instructor</th>
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<td>0900 - 1420</td>
<td>Karen Gottlieb</td>
<td>S202</td>
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**VN 075**

*Nursing Care of Patients with Endocrine Problems*

1 Credits/<b>(Formerly VN 114)</b>  
<br>**Prerequisite:** VN 061 with a grade of "C" or better and VN 061L with a grade of "Pass"  

This course focuses on the use of the nursing process in caring for individuals with disturbances of the pancreas, thyroid, parathyroid, adrenal and pituitary glands. The pathophysiology, assessment...
data, nursing problems, medical and nursing interventions for patients with endocrine problems are discussed. This course is open to students enrolled in the Vocational Nursing Program and is required for Vocational Nursing licensure.<br>

**VN 076**

**Nursing Care of Patients with Renal, Urinary and Gastrointestinal Problems**

3.5 Credits<br>Prerequisite: VN 071L with a grade of "Pass"; VN 074 and VN 075 with a grade of "C" or better<br>Corequisite: VN 073<br>This course focuses on the application of the nursing process in medical surgical situations for the patient with gastrointestinal and renal problems. Emphasis is placed on the application of principles of nutrition in caring for patients with gastrointestinal and renal dysfunction. This course is open to students enrolled in the Vocational Nursing Program and is required for Vocational Nurse licensure.<br>

**VN 077**

**Nursing Care of Patients with Cardiovascular and Respiratory Nursing Problems**

3 Credits<br>Prerequisite: VN 071L with a grade of "Pass"; VN 074 and VN 075 with a grade of "C" or better<br>Corequisite: VN 073<br>Using the Systems Developmental Stress Model, The Nursing Process, and Erickson’s Psycho-Social Theory of Human Development, this course is designed to prepare the vocational nursing student with the foundational knowledge necessary to care for patients with cardiovascular and Respiratory disorders. This course is open to students enrolled in the Vocational Nursing Program.<br>

**VOCB 101**

**Vocabulary & Etymology**

3 Credits<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment<br>This course offers the student an opportunity to develop a college level vocabulary. The course emphasizes an understanding of the etymology, definition, and usage of words so that students gain a comprehensive understanding of the meanings of words and how they are used. Additionally, students will study general and specialized terms used in courses across the curriculum. In order to internalize word meanings successfully, students will work in individual, small group, and whole class settings.<br>

**WELD 040**

**Introduction to Welding Processes**

2 Credits<br>Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment<br>This is an introductory class designed to familiarize the student with several welding processes that are currently used in the welding and metal fabrication industry. This course offers an overview and basic introduction to the theory and practice of a variety of welding and metal cutting methods.
class will emphasize safety, theory, procedure, and practical skill development.<br>

WFT 101

Wildland Fire Behavior

3 Credits<br>(Formerly FTECH 115)<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or appropriate assessment<br>Transfers to: CSU

This course is one in a series of core courses required for the Wildland Fire Technology Certificate of Achievement and Associate of Science Degree program. This course provides students with information necessary to understand basic wildland fire behavior, wildland fire predictions, and wildland fire operation safety. Wildland fire environmental factors and the tools required to monitor weather and fire behavior will be discussed as it relates to wildland fire predictions. This course meets or exceeds the National Wildfire Coordinating Group’s (NWCG) requirements.

WFT 102

Wildland Fire Fighter Safety and Survival

3 Credits<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU

This course is one in a series of core courses required for the Wildland Fire Technology Certificate of Achievement and Associate of Science Degree program. This course provides students with information necessary to understand occupational safety and hazards associated with wildland firefighting operations. Emphasis will be placed on situational awareness, protective measures, accident avoidance procedures, and the risk management process. Students will also review fire ground near misses, entrapments, and fatalities. This course meets or exceeds the National Wildfire Coordinating Group’s (NWCG) requirements.

WFT 103

Wildland Fire Operation (Ground Air)

3 Credits<br>Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment<br>Transfers to: CSU

This course is one in a series of core courses required by the Wildland Fire Technology Certificate of Achievement and Associate of Science Degree program. This course provides students with information necessary to understand ground and air operations associated with wildland firefighting operations. Emphasis will be placed on incident command system use, strategy, tactics, hazards, resource typing, management, and safety procedures during wildland fire incidents. This course meets or exceeds the National Wildfire Coordinating Group’s (NWCG) requirements.

WFT 104

Wildland Fire Investigation, Prevention and Public Information
CLASS SCHEDULE
Fall 2013

WFT 105
Wildland Fire Logistics, Finance and Planning

3 Credits
Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment
Transfers to: CSU
This course is one in a series of core courses required by the Wildland Fire Technology Certificate of Achievement and Associate of Science Degree program. This course provides students with information necessary to understand the responsibilities and functions of the logistics, finance, and planning sections. Emphasis will be placed on how the different incident command system sections are organized and utilized during wildland fire incidents. This course meets or exceeds the National Wildfire Coordinating Group’s (NWCG) requirements.

72846  CLAS  8/24/13 - 12/14/13  W  1300 - 1610  John Bennett  AJ204