

# Class Schedule

## FALL 2016

### **ACCT 090**

#### **Introduction to Accounting**

3 Units

Advisory: READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 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	8/20/16 - 12/10/16	MW	1115 - 1240	Johnnie Atkins	B113
71221	WEB	8/20/16 - 12/10/16			Maureen Baker	
72243	CLAS	8/20/16 - 12/10/16	T	1800 - 2110	Michelle Redinger	B119

### **ACCT 096**

#### **Volunteer Income Tax Assistance Program I**

1 Unit

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	11/4/16 - 12/9/16	F	0940 - 1355	Jeannie Liu	B113
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### **ACCT 101**

#### **Financial Accounting**

4 Units

Advisory: READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment; ACCT 090; MGMT 052

Transfers to: UC, CSU

This course is the study of accounting as an information system and how information is used by investors, creditors, and other external users to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. Topics includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. This course is required of all accounting and business administration majors.

70998	WEB	8/20/16 - 12/10/16			Jeannie Liu	
71216	CLAS	8/20/16 - 12/10/16	R	1800 - 2215	Michelle Redinger	B119
71259	CLAS	8/20/16 - 12/10/16	MW	1115 - 1320	Steven Valdes	B118
71278	CLAS	8/20/16 - 12/10/16	MW	0900 - 1105	Janet Cha	B118
71279	CLAS	8/20/16 - 12/10/16	T	1115 - 1320	Jeannie Liu	B119
		8/20/16 - 12/10/16	R	1115 - 1320	Jeannie Liu	B119
74111	WEB	8/20/16 - 12/10/16			Jeannie Liu	
74147	CLAS	8/20/16 - 12/10/16	TR	0900 - 1105	Janet Cha	B118

**ACCT 102****Managerial Accounting**

4 Units

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

Advisory: READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: UC, CSU

This course introduces students to the fundamentals of managerial accounting for decision making. This course is the study of how managers use accounting information in decision-making, planning, directing and controlling operations. The course focuses on the flow of costs in a manufacturing environment, cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Topics include issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing environments. This course is required of all accounting and business majors.

71260	CLAS	8/20/16 - 12/10/16	T	1800 - 2215	Diana Clarke	B118
71280	VC	8/20/16 - 12/10/16			Jeannie Liu	
71282	CLAS	8/20/16 - 12/10/16	TR	1115 - 1320	Janet Cha	B118
74153	CLAS	8/20/16 - 12/10/16	W	0900 - 1310	Jeannie Liu	B119
74154	WEB	8/20/16 - 12/10/16			Janet Cha	

**ACCT 103****Payroll Accounting**

3 Units

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.

72862	CLAS	8/20/16 - 12/10/16	R	1800 - 2110	Diana Clarke	B115
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**ACCT 104****Introduction to Governmental and Not-For-Profit Accounting**

3 Units

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

Advisory: READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment; MGMT 052

Transfers to: CSU

This course is an introduction to the fundamentals of government and not-for-profit accounting. The emphasis of the course will be placed on accounting for various fund types and restrictions relevant to government and not-for-profit agencies with both theoretical and practical aspects explored. Topics include budgets, revenues, expenditures, tax levies, appropriations, general fund, special fund, and financial statements for government and not-for-profit entities. This course is designed for students interested in furthering their educational requirements for the CPA exam and/or pursuing an entry-level position in government and not-for-profit accounting.

72207	CLAS	8/20/16 - 12/10/16	MW	1330 - 1455	Janet Cha	B118
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**ACCT 105****Income Tax Accounting**

4 Units

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.

72858 CLAS 8/20/16 - 12/10/16 TR 0900 - 1105 Steven Valdes B119

### **ACCT 106**

#### **Computerized Accounting**

3 Units

Advisory: READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 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.

72859 CLAS 8/20/16 - 12/10/16 R 1800 - 2110 Johnnie Atkins B116

### **ACCT 290**

#### **Cooperative Work Experience/Internship for Accounting Related Fields**

1 Unit

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 Accounting 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.

74120 ARR 8/20/16 - 12/10/16 Steven Valdes B100

CLAS 8/20/16 - 12/10/16 Steven Valdes B100

74121 ARR 8/20/16 - 12/10/16 Steven Valdes B100

CLAS 8/20/16 - 12/10/16 Steven Valdes B100

74122 ARR 8/20/16 - 12/10/16 Steven Valdes B100

CLAS 8/20/16 - 12/10/16 Steven Valdes B100

74123 ARR 8/20/16 - 12/10/16 Steven Valdes B100

CLAS 8/20/16 - 12/10/16 Steven Valdes B100

### **ADN 150**

#### **Medical/Surgical Nursing I**

4 Units

Prerequisite: ADN 151, BIOL 222, and ENGL 101 with a grade of "C" or better; ADN 151L with a "Pass"

Corequisite: ADN 150L and ADN 154

Advisory: READ 023 or appropriate assessment

Transfers to: CSU This course focuses on the application of the nursing process 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. This course is designed for students in the Associate Degree Nursing Program. The Board of Registered Nursing requires that students must be concurrently enrolled in both ADN 150 and ADN 150L, and pass both courses together. They cannot

be taken individually for credit.

74211 CLAS 8/20/16 - 12/10/16 MW 0730 - 0935 Gail Biesemeyer S202

74371 CLAS 8/20/16 - 12/10/16 MW 1000 - 1205 Gail Biesemeyer S202

## **ADN 150L**

### **Medical/Surgical Nursing I Lab**

4 Units

Prerequisite: ADN 151, BIOL 222, and ENGL 101 all with a grade of "C" or better; ADN 151L with a "Pass"

Corequisite: ADN 150 and ADN 154

Transfers to: CSU

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. The Board of Registered Nursing requires that students must be concurrently enrolled in both ADN 150 and ADN 150L, and pass both courses together. They cannot be taken individually for credit.

74212	LAB	8/20/16 - 12/10/16	T	0700 - 0800	Amelia Ortiz	L300
		8/20/16 - 12/10/16	R	0700 - 1900	Amelia Ortiz	Kaiser Permanente Baldwin Park
74213	LAB	8/20/16 - 12/10/16	R	0700 - 0800	Suzanne Tang	L300
		8/20/16 - 12/10/16	F	0700 - 1900	Suzanne Tang	Kaiser Permanente Baldwin Park
74214	LAB	8/20/16 - 12/10/16	R	0700 - 1900	Martha Mitchell	Kaiser Permanente Baldwin Park
		8/20/16 - 12/10/16	W	1200 - 1300	Martha Mitchell	L300
74215	LAB	8/20/16 - 12/10/16	T	0700 - 0800	Karen Gottlieb	L300
		8/20/16 - 12/10/16	F	0700 - 1900	Karen Gottlieb	Presbyterian Intercom Hospital
74217	LAB	8/20/16 - 12/10/16	R	0700 - 0800	Andrea Kirton	L300
		8/20/16 - 12/10/16	F	0700 - 1900	Andrea Kirton	Beverly Hospital
74218	LAB	8/20/16 - 12/10/16	F	0700 - 1900	To Be Assigned	Whittier Hospital Medical Ctr
		8/20/16 - 12/10/16	W	1300 - 1400	To Be Assigned	L300
74219	LAB	8/20/16 - 12/10/16	F	0700 - 0800	Kathleen Hannah	L300
		8/20/16 - 12/10/16	R	0700 - 1900	Kathleen Hannah	White Memorial Medical Center
74220	LAB	8/20/16 - 12/10/16	F	0700 - 0800	Eileen Rutherford	Kaiser Permanente Downey
		8/20/16 - 12/10/16	R	0700 - 1900	Eileen Rutherford	L300

## **ADN 154**

### **Pharmacology**

2 Units

Prerequisite: ADN 151 with a grade of "C" or better

Corequisite: ADN 150

Advisory: READ 023 or appropriate assessment

Transfers to: 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.

74248	CLAS	8/20/16 - 12/10/16	M	1000 - 1140	Suzanne Tang	S210
	LAB	8/20/16 - 12/10/16	W	1200 - 1340	Amelia Ortiz	S204
74249	CLAS	8/20/16 - 12/10/16	M	1000 - 1140	Suzanne Tang	S210
74249	LAB	8/20/16 - 12/10/16	W	1000 - 1140	Amelia Ortiz	
74250	CLAS	8/20/16 - 12/10/16	M	1000 - 1140	Suzanne Tang	S210
	LAB	8/20/16 - 12/10/16	T	1030 - 1210	Amelia Ortiz	
74251	CLAS	8/20/16 - 12/10/16	M	0800 - 0915	Suzanne Tang	S210

	LAB	8/20/16 - 12/10/16	R	1030 - 1210	Suzanne Tang	
74252	CLAS	8/20/16 - 12/10/16	M	0800 - 0940	Suzanne Tang	S210
	LAB	8/20/16 - 12/10/16	W	0800 - 0940	Amelia Ortiz	
74253	CLAS	8/20/16 - 12/10/16	M	0800 - 0940	Suzanne Tang	S210
	LAB	8/20/16 - 12/10/16	W	1350 - 1530	Amelia Ortiz	

## **ADN 250**

### **Advanced Pharmacology**

1 Unit

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

Advisory: ENGL 101; READ 023 or appropriate assessment; MATH 070 or MATH 070D or MATH 073 or appropriate assessment

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.

70942	CLAS	8/20/16 - 10/14/16	T	1000 - 1215	Suzanne Tang	S210
70943	CLAS	10/15/16 - 12/10/16	T	1000 - 1215	Suzanne Tang	S210

## **ADN 251**

### **Medical/Surgical Nursing II**

2 Units

Prerequisite: ADN 155 and ADN 156 (for generic ADN students) with minimum grade of "C" or better; ADN 155L and ADN 156L both with a "Pass" (for generic ADN students); ADN 075 (for LVN to ADN students) with a grade of "C" or better

Corequisite: ADN 252 and ADN 252L (students who have an active Psychiatric Technician license are exempt from the ADN 252 and ADN 252L corequisite); ADN 250 and ADN 251L

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

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. This course is designed for students in the Associate Degree Nursing Program. The Board of Registered Nursing requires that students must be concurrently enrolled in both ADN 251 and ADN 251L, and pass both courses together. They cannot be taken individually for credit.

74221	CLAS	8/20/16 - 10/14/16	T	0730 - 0945	Catherine Page	S210
		8/20/16 - 10/14/16	M	1230 - 1445	Catherine Page	S210
74226	CLAS	10/15/16 - 12/10/16	T	0730 - 0945	Catherine Page	S210
		10/15/16 - 12/10/16	M	1230 - 1445	Catherine Page	S210

## **ADN 251L**

### **Medical/Surgical Nursing II Lab**

2.5 Units

Prerequisite: ADN 155 and ADN 156 (for generic ADN students) both with a grade of "C" or better; ADN 155L and ADN 156L both with a "Pass" (for generic ADN students); ADN 075 (for LVN to ADN students) with a grade of "C" or better

Corequisite: ADN 252 and ADN 252L (students who have an active Psychiatric Technician license are exempt from ADN 252 and ADN 252L corequisites); ADN 250 and ADN 251

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

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. This course is designed for students in the Associate Degree Nursing Program. The Board of Registered Nursing requires that students must be concurrently enrolled in both ADN 251 and ADN 251L, and pass both courses together. They cannot be taken individually for credit.

74222	LAB	8/20/16 - 10/14/16	WR	0630 - 1530	Ruth Keniston	PIH Health Whittier
74223	LAB	8/20/16 - 10/14/16	RF	0630 - 1530	Katherin Brandt	Kaiser Permanente Downey
74224	LAB	8/20/16 - 10/14/16	RF	0630 - 1530	Catherine Page	PIH Health Downey
74225	LAB	8/20/16 - 10/14/16	RF	0630 - 1530	Victoria Rodriguez	Beverly Hospital
74227	LAB	10/15/16 - 12/10/16	WR	0630 - 1525	Karen Gottlieb	PIH Health Whittier
74228	LAB	10/15/16 - 12/10/16	WR	0630 - 1525	Katherin Brandt	Kaiser Permanente Downey
74229	LAB	10/15/16 - 12/10/16	WR	0630 - 1525	Catherine Page	PIH Health Downey
74230	LAB	10/15/16 - 12/10/16	WR	0630 - 1525	Barbara Leach	Beverly Hospital

## **ADN 252**

### **Psychiatric/Mental Health Nursing**

2 Units

Prerequisite: ADN 155 and ADN 156 both with a grade of "C" or better; ADN 155L and ADN 156L both with a grade of "Pass"; OR ADN 075 and active California Vocational Nursing License  
Corequisite: ADN 252L

Advisory: READ 023 or appropriate assessment

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. The Board of Registered Nursing requires that students must be concurrently enrolled in both ADN 252 and ADN 252L, and pass both courses together. They cannot be taken individually for credit.

74232	CLAS	8/20/16 - 10/14/16	TR	0800 - 1015	Gail Biesemeyer	S210
		8/20/16 - 10/14/16	TR	0800 - 1015	Olga Lawrence	S210
74237	CLAS	10/15/16 - 12/10/16	TR	0800 - 1015	Gail Biesemeyer	S210
		10/15/16 - 12/10/16	TR	0800 - 1015	Olga Lawrence	S210

## **ADN 252L**

### **Psychiatric/Mental Health Nursing Lab**

1.5 Units

Prerequisite: ADN 155 and ADN 156 both with a grade of "C" or better; ADN 155L and ADN 156L both with a "Pass"; OR ADN 075 and active California Vocational Nursing License

Corequisite: ADN 252

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. The Board of Registered Nursing requires that students must be concurrently enrolled in both ADN 252 and ADN 252L, and pass both courses together. They cannot be taken individually for credit.

74233	LAB	8/20/16 - 10/14/16	U	0700 - 1700	Olga Lawrence	College Hospital
74234	LAB	8/20/16 - 10/14/16	W	0700 - 1700	Katherin Brandt	College Hospital
74235	LAB	8/20/16 - 10/14/16	F	0700 - 1700	Razvan Stoian	College Hospital
74236	LAB	8/20/16 - 10/14/16	S	0700 - 1700	Joanne Haskins	College Hospital
74238	LAB	10/15/16 - 12/10/16	F	0700 - 1700	Gail Biesemeyer	College Hospital
74239	LAB	10/15/16 - 12/10/16	W	0700 - 1700	Joanne Haskins	College Hospital

74240 LAB 10/15/16 - 12/10/16 S 0700 - 1700 Razvan Stoian College Hospital  
74242 LAB 10/15/16 - 12/10/16 U 0700 - 1700 Olga Lawrence College Hospital

### **AET 120**

#### **Introduction to Alternative Energy Technology (Same as ET 120)**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: CSU

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.

74205 CLAS 8/20/16 - 12/10/16 M 0800 - 1030 David Lindy T101  
LAB 8/20/16 - 12/10/16 M 1035 - 1200 David Lindy T101

### **AET 121**

#### **Photovoltaic Systems Design and Installation (Same as ET 121)**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: CSU

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 designed to prepare the student for the North American Board of Certified Energy Practitioners (NABCEP) Entry Level Exam. This course is intended for students that are contemplating a career in the solar photovoltaic energy industry.

74203 CLAS 8/20/16 - 12/10/16 R 0800 - 1030 David Lindy T101  
LAB 8/20/16 - 12/10/16 R 1035 - 1200 David Lindy T101

### **AET 123**

#### **Wind Energy Systems Design and Installation (Same as ET 123)**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: CSU

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.

74204 CLAS 8/20/16 - 12/10/16 T 0800 - 1030 David Lindy T101  
LAB 8/20/16 - 12/10/16 T 1035 - 1200 David Lindy T101

### **AET 124**

#### **Advanced Wind Energy Systems Design and Installation (Same as ET 124)**

3 Units

Prerequisite: AET/ET 123

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: CSU

This is the second course in the wind energy series that will further examine and implement the design and installation of wind power systems. Students will learn how to interpret the National Electrical Code (NEC) specifics concerning wind power installations. The topics include code compliant wiring of modules, inverters, charge controllers, grounding techniques and related topics. Additional topics include wind site evaluations, electrical load calculations, wind system size calculations, hydraulic fundamentals, basic aerodynamics, and installation techniques for large wind power generation systems. This course is intended for students that are contemplating a career in the wind turbine power generation industry.

74206 CLAS 8/20/16 - 12/10/16 M 1800 - 2030 David Lindy T101

LAB 8/20/16 - 12/10/16 M 2035 - 2200 David Lindy T101

### **AET 181**

#### **Home Energy Management and Auditing (Same as ET 181)**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

Transfers to: CSU

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.

70543 CLAS 8/20/16 - 12/10/16 W 1800 - 2110 David Lindy T101

### **AJ 041**

#### **Effective Written Communications for Public Service Personnel**

3 Units

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

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.

70383 WEB 8/20/16 - 12/10/16 David Balch

70386 WEB 10/15/16 - 12/10/16 David Balch

73257 CLAS 8/20/16 - 12/10/16 M 1900 - 2210 Dan Petropulos AJ320

### **AJ 101**

#### **Introduction to Administration of Justice**

3 Units

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

Transfers to: UC, CSU

This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principals and approaches. Although justice structure and process is examined in a cross cultural context, emphasis is placed on the US justice system, particularly the structure and function of US police, courts and corrections. Students are introduced to the origins and development of criminal law, legal process, sentencing, and incarceration policies.

70388 WEB 8/20/16 - 12/10/16 Kelli Florman

70391 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 James Bland AJ320

70438 CLAS 8/30/16 - 12/10/16 T 1515 - 1835 Terril Dochnahl Ruben Salazar High School



73777	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	James Newman	AJ321
74231	CLAS	8/20/16 - 8/26/16	TR	1115 - 1240	Kelli Florman	AJ321
		8/30/16 - 12/10/16	T	1115 - 1240	Kelli Florman	AJ321
	WEB	8/20/16 - 12/10/16			Kelli Florman	

## **AJ 102**

### **Criminal Procedures**

3 Units

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

Transfers to: CSU

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.

70393	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Kelli Florman	AJ321
70396	WEB	8/20/16 - 12/10/16			Carley Mitchell	
71538	WEB	10/15/16 - 12/10/16			Carley Mitchell	

## **AJ 104**

### **Legal Aspects of Evidence**

3 Units

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 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.

70399	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Judith Haggerty	AJ323
70401	WEB	8/20/16 - 12/10/16			Kelli Florman	
70402	WEB	10/15/16 - 12/10/16			Carley Mitchell	

## **AJ 105**

### **Community Relations/Multicultural Issues Within Public Service**

3 Units

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

Transfers to: UC, CSU

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics covered may include crime prevention, restorative justice, conflict resolution, and ethics.

70404	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	James Newman	AJ322
70405	WEB	8/20/16 - 12/10/16			James Newman	
73269	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Mark Yokoyama	AJ323

## **AJ 106**

### **Criminal Law I**

3 Units

Prerequisite: AJ 101 with a grade of "C" or better, or completion of PAC 040 or equivalent

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: AJ 106 or AJ 107)

This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice courses will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crimes.

70407	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Richard Ramirez	AJ323
70409	WEB	8/20/16 - 12/10/16			George Kimber	
72874	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Kelli Florman	AJ321
74406	WEB	10/15/16 - 12/10/16			George Kimber	

## **AJ 107**

### **Criminal Law II**

3 Units

Prerequisite: AJ 101 with a grade of "C" or better, or completion of PAC 040 or equivalent

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: AJ 106 or AJ 107)

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.

70412	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	George Kimber	AJ322
70413	WEB	8/20/16 - 12/10/16			Carley Mitchell	
70415	WEB	10/15/16 - 12/10/16			James Newman	

## **AJ 207**

### **Juvenile Law and Procedure**

3 Units

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.

70416	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Keith Braden	AJ323
70417	WEB	8/20/16 - 12/10/16			Carley Mitchell	

## **AJ 208**

### **Principles of Investigation**

3 Units

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

Transfers to: CSU

This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

70418	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Keith Braden	AJ322
70419	WEB	8/20/16 - 12/10/16			David Balch	
73833	WEB	10/15/16 - 12/10/16			David Balch	

## **AJ 215**

### **Vice and Narcotics Control**

3 Units

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.

70420 WEB 8/20/16 - 12/10/16 George Kimber  
73779 CLAS 8/30/16 - 12/10/16 W 1515 - 1835 Terril Dochnahl Ruben Salazar High School

## **AJ 275**

### **Introduction to Forensic Science**

3 Units

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. This course provides an introduction to the role of forensics in criminal investigations. It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents and controlled substances.

70421 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 James Newman AJ322  
70422 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 James Newman AJ322  
70423 WEB 8/20/16 - 12/10/16 James Newman

## **ANIM 101**

### **Introduction to Digital 3D Animation**

4 Units

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

Transfers to: CSU

This course is an introduction to the art of creating digital character animation. Students will be introduced to the concepts of digital sculpting, lighting, rendering, rigging and animating 3-D objects. This course is beneficial for all students in classes related to Graphic Arts (Multimedia, Illustration, Web and Game Design and Film Production) and Industrial Design (Architectural, Automotive, Furniture, Clothing and Product Design).

70315 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 David Dawson LR104  
LAB 8/20/16 - 12/10/16 TR 0935 - 1100 David Dawson LR104  
70318 CLAS 8/20/16 - 12/10/16 TR 1205 - 1330 David Dawson LR104  
LAB 8/20/16 - 12/10/16 TR 1335 - 1500 David Dawson LR104

## **ANIM 105**

### **Principles of Digital Animation**

4 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; ART 130; ART 230

Transfers to: CSU

This course introduces students to the basic principles of digital animation. The topics covered in this course are the starting point for any student interested in becoming a digital animator. Through the use of 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.

70760 CLAS 8/20/16 - 12/10/16 MW 1205 - 1330 David Dawson LR104  
LAB 8/20/16 - 12/10/16 MW 1335 - 1500 David Dawson LR104

## **ANIM 110**

### **Digital Character Animation**

4 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; ANIM 105

Transfers to: CSU

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.

70319	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	David Dawson	LR104
	LAB	8/20/16 - 12/10/16	TR	0935 - 1100	David Dawson	LR104
70321	CLAS	8/20/16 - 12/10/16	TR	1205 - 1330	David Dawson	LR104
	LAB	8/20/16 - 12/10/16	TR	1335 - 1500	David Dawson	LR104

## **ANIM 120**

### **Lighting and Texture**

4 Units

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

Transfers to: CSU

This is an introductory course for all students interested in learning about lighting, rendering and texturing for 3D animation. Students focus on creating lighting scenarios and texture editing systems to generate and render surface details on a variety of 3D objects. 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).

72737	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	David Dawson	LR104
	LAB	8/20/16 - 12/10/16	MW	0935 - 1100	David Dawson	LR104

## **ANIM 130**

### **Modeling for Games**

4 Units

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

Transfers to: CSU

This is an introductory course in the creation of assets and environments for games. The course focuses on the creation of forms to be integrated into a game, and students will begin to grasp the design and digital sculpting of both organic and hard surface game assets. Aesthetics, construction, communication, light, form and quality of work are stressed. This course is beneficial for all students in courses related to Graphic Arts, Multimedia, Illustration, Internet Web Design, Game Design, Film Production, Industrial Design Architectural, Automotive, Furniture, Clothing and Product Design.

70322	CLAS	8/20/16 - 12/10/16	S	1000 - 1310	To Be Assigned	LR104
	LAB	8/20/16 - 12/10/16	S	1315 - 1625	To Be Assigned	LR104

## **ANIM 260**

### **Figure Drawing for Animators**

3 Units

Prerequisite: ART 230

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment

Transfers to: CSU

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.

72736 CLAS 8/20/16 - 12/10/16 MW 1530 - 1625 Ada Brown B012  
 LAB 8/20/16 - 12/10/16 MW 1630 - 1835 Ada Brown B012

### **ANTH 101**

#### **Introduction to Physical Anthropology**

3 Units

Prerequisite: ENGL 030 or ENLA 034 or appropriate assessment; READ 021 or appropriate assessment; MATH 020 or MATH 020C 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.

70000	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Santiago Garcia	S334
70001	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Billy Wong	S334
70002	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Billy Wong	S334
70003	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Nicole Quinn	S334
70004	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	Vincent De Setto	S334
70005	CLAS	8/20/16 - 10/14/16	S	0800 - 1430	Jeffrey Rigby	S334
70006	WEB	8/20/16 - 12/10/16			Adam Wetsman	
70007	WEB	8/20/16 - 12/10/16			Adam Wetsman	
73831	CLAS	8/20/16 - 12/10/16	MW	0915 - 1040	Nicole Quinn	El Monte Educational Center
74436	CLAS	9/6/16 - 10/7/16	MW	1515 - 2110	Jaelyn Maggini	Montebello Applied Tech Center

### **ANTH 101H**

#### **Introduction to Physical Anthropology Honors**

3 Units

Prerequisite: ENGL 101 with a grade of "C" or better; READ 021 or appropriate assessment; MATH 020 or MATH 020C 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.

70008	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Santiago Garcia	S334
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### **ANTH 101L**

#### **Physical Anthropology Lab**

1 Unit

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.

70009 LAB 8/20/16 - 12/10/16 M 1250 - 1600 Billy Wong S230  
70010 LAB 8/20/16 - 12/10/16 T 0940 - 1250 Indrasena Wijenayake S230

## **ANTH 102**

### **Introduction to Cultural Anthropology**

3 Units

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.

70025 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Jill Pfeiffer S334  
70026 WEB 8/20/16 - 12/10/16 Jill Pfeiffer  
74420 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Suha Mahayni Pico Educational Center

## **ANTH 103**

### **Introduction to Archaeology**

3 Units

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

Transfers to: UC, CSU

Archaeology is the study of past societies through the analysis of material remains. This general education course will survey the development of major cultural centers around the world including those found in Mesoamerica, South America, Egypt, China, Africa, and the Middle East. Examples drawn from many ancient sites will trace human societies from pre-agricultural communities, through the origins of agriculture, to the rise of major political and economic institutions. Students will learn how archaeologists discover information about the past, the history of the discipline, and the important issues confronting the field today. This course is designed for students who are interested in the field of archaeology or for students who plan to major in anthropology.

74296 WEB 8/20/16 - 12/10/16 Jill Pfeiffer

## **ANTH 110**

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

3 Units

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

Transfers to: UC, CSU

This course is designed for students with an interest in human sexuality from a cross-cultural perspective. Sexual anatomy, development, response, and behavior will be examined, along with historical and cultural patterns. Students will learn about the development and expression of gender and orientation from both Western and non-Western perspectives, with an emphasis on the influence of culture on individuals.

70027 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Adam Wetsman S336  
70029 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Adam Wetsman S336

## **ANTH 115**

### **Introduction to Medical Anthropology**

3 Units

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

Transfers to: CSU

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 shaman, 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.

73206 WEB 10/3/16 - 12/10/16 Jill Pfeiffer

### **ANTH 125**

#### **Religion, Magic, Witchcraft, and the Supernatural**

3 Units

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 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.

70030 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Jill Pfeiffer S334

70031 CLAS 8/20/16 - 12/10/16 T 1800 - 2110 Santiago Garcia S334

70035 WEB 10/3/16 - 12/10/16 Jill Pfeiffer

70078 CLAS 10/15/16 - 12/10/16 S 0800 - 1430 Jeffrey Rigby S334

74312 CLAS 8/20/16 - 12/10/16 M 1530 - 1840 Jill Pfeiffer S334

### **ARCH 115**

#### **Introduction to Residential Architecture: Drawing and Design**

4 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting

Transfers to: CSU

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.

71036 CLAS 8/20/16 - 12/10/16 TR 1900 - 2025 Ricardo Alvarez S310  
LAB 8/20/16 - 12/10/16 TR 2035 - 2200 Ricardo Alvarez S310

71068 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Sean Hughes S310  
LAB 8/20/16 - 12/10/16 MW 1425 - 1550 Sean Hughes S310

### **ARCH 215**

#### **Architectural Perspective and Rendering**

4 Units

Prerequisite: ARCH 115

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 105

Transfers to: CSU

This course is for all students interested in developing skills in architectural perspective drawing and is a requirement for the Architecture A.S. degree. Students will be introduced to the theory of and practical application of perspective drawing and rendering as used in architecture. 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.

71039 CLAS 8/20/16 - 12/10/16 MW 0800 - 0925 To Be Assigned S310

LAB 8/20/16 - 12/10/16 MW 0935 - 1100 To Be Assigned S310

### **ARCH 225**

#### **Commercial Wood and Masonry Design and Construction**

4 Units

Prerequisite: ARCH 115

Advisory: ENGL 030 or ENLA 034 or appropriate assessment, READ 023 or appropriate assessment; ENGT 150 or ENGT 170 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.

70989 CLAS 8/20/16 - 12/10/16 MW 1555 - 1720 Sean Hughes S310

LAB 8/20/16 - 12/10/16 MW 1725 - 1850 Sean Hughes S310

### **ARCH 260**

#### **Advanced Architecture Using Revit and 3D Software**

4 Units

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 Architectural Design and Drawing 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 8/20/16 - 12/10/16 TR 1900 - 2025 Carl Walls S307

LAB 8/20/16 - 12/10/16 TR 2035 - 2200 Carl Walls S307

### **ARCH 261**

#### **Revit for Advanced BIM Architectural, Structural and MEP Applications**

4 Units

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.



74087 CLAS 8/20/16 - 12/10/16 TR 1800 - 1925 Carl Walls S307  
 LAB 8/20/16 - 12/10/16 TR 1935 - 2100 Carl Walls S307

## ARCH 290

### Cooperative Work Experience/Internship for Architecture Related Fields

1 Unit

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.

74095	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74096	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74097	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74098	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned

## ART 101

### Introduction to the Fine Arts

3 Units

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

Transfers to: UC, CSU

This lecture/lab course provides an introduction to the Fine Arts for the non-art major providing an opportunity to learn about the arts through a series lectures and hands-on projects within an art historical and conceptual framework. Project and topics include drawing, painting, printmaking, design, mixed media and sculpture.

70324	CLAS	8/20/16 - 12/10/16	M	0800 - 0925	Sandra Low	B011
	LAB	8/20/16 - 12/10/16	W	0800 - 1100	Sandra Low	B011
		8/20/16 - 12/10/16	M	0930 - 1105	Sandra Low	B011
70326	CLAS	8/20/16 - 12/10/16	T	0940 - 1105	Ronald Reeder	B011
	LAB	8/20/16 - 12/10/16	R	0940 - 1240	Ronald Reeder	B011
		8/20/16 - 12/10/16	T	1110 - 1245	Ronald Reeder	B011
70327	CLAS	8/20/16 - 12/10/16	T	1900 - 2025	Blair Maffris	B011
	LAB	8/20/16 - 12/10/16	R	1900 - 2200	Blair Maffris	B011
		8/20/16 - 12/10/16	T	2030 - 2205	Blair Maffris	B011
73828	CLAS	8/20/16 - 12/10/16	M	1900 - 2025	To Be Assigned	B011
	LAB	8/20/16 - 12/10/16	W	1900 - 2200	To Be Assigned	B011
		8/20/16 - 12/10/16	M	2030 - 2205	To Be Assigned	B011

## ART 104

### Art of the Ancient Americas

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 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.

74073 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Cynthia Lewis A230

### **ART 105**

#### **Survey of Western Art: Prehistory through the Middle Ages**

3 Units

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.

70340 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Sheila Lynch A230

70341 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Sheila Lynch A230

70352 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 To Be Assigned A230

### **ART 106**

#### **Survey of Western Art: Renaissance to Contemporary**

3 Units

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, Modernism, Postmodernism, and major art developments of the 20th and 21st centuries. 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.

70357 CLAS 8/20/16 - 12/10/16 M 1900 - 2210 Carolyn Robertson A230

70363 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Cynthia Lewis A230

74072 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Cynthia Lewis A230

### **ART 108**

#### **The Art of Mexico**

3 Units

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.

70368 CLAS 8/20/16 - 12/10/16 W 1900 - 2210 Carolyn Robertson A230

70369 WEB 8/20/16 - 12/10/16 Cynthia Lewis

74322 WEB 8/20/16 - 12/10/16 Cynthia Lewis

### **ART 110**

#### **Understanding Visual Art**

3 Units

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

Transfers to: UC, CSU

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.

73654 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Javier Valenzuela B110

73798 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 Lori Rusch B110

## **ART 112**

### **Visual Art in the Modern Era**

3 Units

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

Transfers to: UC, CSU

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 Neoclassicism and Romanticism through Postmodernism 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 pursuing the degree in Art History and/or seeking to fulfill general education requirements in Fine Arts and Humanities.

74323 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 Caroline Maxwell A230

## **ART 115**

### **The Art of Film**

3 Units

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

Transfers to: UC, CSU

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.

72753 CLAS 8/20/16 - 12/10/16 M 1540 - 1850 Javier Valenzuela A230

74324 WEB 8/20/16 - 10/14/16 Sheila Lynch

## **ART 120**

### **Two Dimensional Design**

3 Units

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.

70375 CLAS 8/20/16 - 12/10/16 MW 1130 - 1255 Ronald Reeder B011

LAB 8/20/16 - 12/10/16 MW 1300 - 1425 Ronald  
 Reeder B011 70376 CLAS 8/20/16 -  
 12/10/16 TR 1530 - 1655 Ronald Reeder B011  
 LAB 8/20/16 - 12/10/16 TR 1700 - 1825 Ronald Reeder B011

**ART 121**  
**Three Dimensional Design**

3 Units

Advisory: READ 022 or appropriate assessment; ART 120

Transfers to: UC, CSU

This is a foundational, first semester course and is open to all students interested in the fundamentals of visual thinking as they apply to all three dimensional media. It also fulfills a general education requirement in art. This course provides an introduction to the concepts, applications, and art historical references related to three-dimensional art, and includes the basic elements and principles of three-dimensional design. Students will develop a visual vocabulary for creative expression through lecture, slide and video presentations, and studio projects using a variety of tools and written assignments.

70377 CLAS 8/20/16 - 12/10/16 MW 1530 - 1655 Ronald Reeder HS01  
 LAB 8/20/16 - 12/10/16 MW 1700 - 1825 Ronald Reeder HS01

**ART 130**  
**Freehand Drawing I**

3 Units

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.

70469 CLAS 8/20/16 - 12/10/16 MW 0750 - 0845 Margaret Griffith B012  
 LAB 8/20/16 - 12/10/16 MW 0850 - 1055 Margaret Griffith B012  
 70496 CLAS 8/20/16 - 12/10/16 TR 1200 - 1255 Margaret Griffith B012  
 70496 LAB 8/20/16 - 12/10/16 TR 1300 - 1505 Margaret Griffith B012  
 70498 CLAS 8/20/16 - 12/10/16 F 0800 - 0950 Sergio Rebia B012  
 LAB 8/20/16 - 12/10/16 F 0955 - 1415 Sergio Rebia B012  
 72202 CLAS 8/20/16 - 12/10/16 TR 1900 - 1955 James Galindo B012  
 LAB 8/20/16 - 12/10/16 TR 2000 - 2205 James Galindo B012

**ART 131**  
**Freehand Drawing II**

3 Units

Prerequisite: ART 130

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

Transfers to: UC, CSU

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.

70500 CLAS 8/20/16 - 12/10/16 MW 0750 - 0845 Margaret Griffith B012  
 LAB 8/20/16 - 12/10/16 MW 0850 - 1055 Margaret Griffith B012  
 70502 CLAS 8/20/16 - 12/10/16 TR 1200 - 1255 Margaret Griffith B012  
 LAB 8/20/16 - 12/10/16 TR 1300 - 1505 Margaret Griffith B012

**ART 135**  
**Beginning Painting**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; ART 130  
Transfers to: UC, CSU

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.

70572	CLAS	8/20/16 - 12/10/16	MW	1200 - 1255	Ada Brown	B012
	LAB	8/20/16 - 12/10/16	MW	1300 - 1505	Ada Brown	B012
70573	CLAS	8/20/16 - 12/10/16	TR	0830 - 0925	Ada Brown	B012
	LAB	8/20/16 - 12/10/16	TR	0930 - 1135	Ada Brown	B012
70574	CLAS	8/20/16 - 12/10/16	TR	1530 - 1625	Margaret Griffith	B012
	LAB	8/20/16 - 12/10/16	TR	1630 - 1835	Margaret Griffith	B012
70576	CLAS	8/20/16 - 12/10/16	S	0900 - 1050	Melanie Florio	B012
	LAB	8/20/16 - 12/10/16	S	1055 - 1505	Melanie Florio	B012

### **ART 136**

#### **Intermediate Painting**

3 Units

Prerequisite: ART 130; ART 135

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

Transfers to: UC, CSU

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.

70577	CLAS	8/20/16 - 12/10/16	MW	1200 - 1255	Ada Brown	B012
	LAB	8/20/16 - 12/10/16	MW	1300 - 1505	Ada Brown	B012
70578	CLAS	8/20/16 - 12/10/16	TR	1530 - 1625	Margaret Griffith	B012
	LAB	8/20/16 - 12/10/16	TR	1630 - 1835	Margaret Griffith	B012
70587	CLAS	8/20/16 - 12/10/16	S	0900 - 1050	Melanie Florio	B012
	LAB	8/20/16 - 12/10/16	S	1055 - 1505	Melanie Florio	B012
72319	CLAS	8/20/16 - 12/10/16	TR	0830 - 0925	Ada Brown	B012
	LAB	8/20/16 - 12/10/16	TR	0930 - 1135	Ada Brown	B012

### **ART 140**

#### **Ceramics I**

3 Units

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.

70662	CLAS	8/20/16 - 12/10/16	MW	0850 - 0945	Robert Miller	B010
	LAB	8/20/16 - 12/10/16	MW	0950 - 1155	Robert Miller	B010
70672	CLAS	8/20/16 - 12/10/16	TR	0850 - 0945	Shoshi Kanokohata	B010
	LAB	8/20/16 - 12/10/16	TR	0950 - 1155	Shoshi Kanokohata	B010
70673	CLAS	8/20/16 - 12/10/16	TR	1315 - 1410	Robert Miller	B010
	LAB	8/20/16 - 12/10/16	TR	1415 - 1620	Robert Miller	B010

70674	CLAS	8/20/16 - 12/10/16	TR	1900 - 1955	Joseph Cramer	B010
	LAB	8/20/16 - 12/10/16	TR	2000 - 2205	Joseph Cramer	B010
71134	CLAS	8/20/16 - 12/10/16	MW	1900 - 1955	Rose Misanchuk	B010
	LAB	8/20/16 - 12/10/16	MW	2000 - 2205	Rose Misanchuk	B010

### **ART 141**

#### **Ceramics II**

3 Units

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.

70676	CLAS	8/20/16 - 12/10/16	TR	0850 - 0945	Shoshi Kanokohata	B010
	LAB	8/20/16 - 12/10/16	TR	0950 - 1155	Shoshi Kanokohata	B010
70677	CLAS	8/20/16 - 12/10/16	TR	1315 - 1410	Robert Miller	B010
70677	LAB	8/20/16 - 12/10/16	TR	1415 - 1620	Robert Miller	B010
70678	CLAS	8/20/16 - 12/10/16	TR	1900 - 1955	Joseph Cramer	B010
	LAB	8/20/16 - 12/10/16	TR	2000 - 2205	Joseph Cramer	B010
72911	CLAS	8/20/16 - 12/10/16	MW	0850 - 0945	Robert Miller	B010
	LAB	8/20/16 - 12/10/16	MW	0950 - 1155	Robert Miller	B010
74342	CLAS	8/20/16 - 12/10/16	MW	1900 - 1955	Rose Misanchuk	B010
	LAB	8/20/16 - 12/10/16	MW	2000 - 2205	Rose Misanchuk	B010

### **ART 142**

#### **Introduction to Ceramic Handbuilding**

3 Units

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

Transfers to: UC, CSU

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.

70681	CLAS	8/20/16 - 12/10/16	MW	1315 - 1410	Tanya Batura	B010
	LAB	8/20/16 - 12/10/16	MW	1415 - 1540	Tanya Batura	B010

### **ART 164**

#### **Graphic Design (Adobe Illustrator)**

3 Units

Advisory: READ 022 or appropriate assessment; ART 120

Transfers to: CSU

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.

70683	CLAS	8/20/16 - 12/10/16	MW	0830 - 0925	Alexander Gardos	S302
	LAB	8/20/16 - 12/10/16	MW	0930 - 1135	Alexander Gardos	S302
74075	CLAS	8/20/16 - 12/10/16	TR	1230 - 1325	Alexander Gardos	S302
	LAB	8/20/16 - 12/10/16	TR	1330 - 1535	Alexander Gardos	S302

### **ART 165**

#### **Graphic Design (Advanced Adobe Illustrator)**

3 Units

Prerequisite: ART 164

Advisory: READ 022 or appropriate assessment; ART 120

Transfers to: CSU

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.

73655	CLAS	8/20/16 - 12/10/16	MW	0830 - 0925	Alexander Gardos	S302
	LAB	8/20/16 - 12/10/16	MW	0930 - 1135	Alexander Gardos	S302
74076	CLAS	8/20/16 - 12/10/16	TR	1230 - 1325	Alexander Gardos	S302
	LAB	8/20/16 - 12/10/16	TR	1330 - 1535	Alexander Gardos	S302

## **ART 170**

### **Introduction to Digital Painting**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; ART 120; ART 130; ART 135

Transfers to: UC, CSU

This course is designed for students majoring in the Visual Arts: including Fine Arts, Illustration, Animation, Graphic Art and any student interested in learning to use the computer as a tool for original image making. The course will survey traditional drawing and painting techniques using computer technologies such as software, drawing tablets, scanners and printers. Students will investigate the fundamental pictorial elements of line, shape, space, color, and texture as well as the formal relationship of these elements to produce original works of art while learning the technology, concepts, and practices of digital art production.

74320	CLAS	8/20/16 - 12/10/16	F	0800 - 0925	Migo Wu	LR104
	LAB	8/20/16 - 12/10/16	F	0930 - 1420	Migo Wu	LR104

## **ART 175**

### **Computer Graphics**

3 Units

Advisory: READ 022 or appropriate assessment

Transfers to: UC, CSU

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.

70687	CLAS	8/20/16 - 12/10/16	TR	1440 - 1535	Dale Harvey	LR116
	LAB	8/20/16 - 12/10/16	TR	1540 - 1745	Dale Harvey	LR116

## **ART 178**

### **Introduction to Digital Imaging (Adobe Photoshop)**

3 Units

Advisory: READ 022 or appropriate assessment; ART 120

Transfers to: UC, CSU

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.

70688	CLAS	8/20/16 - 12/10/16	TR	0830 - 0925	Alexander Gardos	S302
	LAB	8/20/16 - 12/10/16	TR	0930 - 1135	Alexander Gardos	S302

70689 CLAS 8/20/16 - 12/10/16 TR 1550 - 1645 Edward Gomez S302  
LAB 8/20/16 - 12/10/16 TR 1650 - 1855 Edward Gomez S302

### **ART 180**

#### **Art Gallery Display Design**

2 Units

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

Transfers to: CSU

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.

70690 CLAS 8/20/16 - 12/10/16 F 1100 - 1155 Robert Miller B013  
LAB 8/20/16 - 12/10/16 F 1200 - 1510 Robert Miller B013

### **ART 230**

#### **Beginning Life Drawing**

3 Units

Prerequisite: ART 130

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, 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.

70762 CLAS 8/20/16 - 12/10/16 MW 1530 - 1625 Ada Brown B012  
LAB 8/20/16 - 12/10/16 MW 1630 - 1835 Ada Brown B012

### **ART 231**

#### **Intermediate Life Drawing**

3 Units

Prerequisite: ART 230

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

Transfers to: UC, CSU

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 8/20/16 - 12/10/16 MW 1530 - 1625 Ada Brown B012  
LAB 8/20/16 - 12/10/16 MW 1630 - 1835 Ada Brown B012

### **ART 232**

#### **Advanced Life Drawing**

3 Units

Prerequisite: ART 231 or ANIM 260

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

74078 CLAS 8/20/16 - 12/10/16 MW 1530 - 1625 Ada Brown B012  
LAB 8/20/16 - 12/10/16 MW 1630 - 1835 Ada Brown B012



## **ART 233**

### **Freehand Drawing III**

3 Units

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	8/20/16 - 12/10/16	MW	0750 - 0845	Margaret Griffith	B012 LAB
		8/20/16 - 12/10/16	MW	0850 - 1055	Margaret Griffith	B012
70511	CLAS	8/20/16 - 12/10/16	TR	1200 - 1255	Margaret Griffith	B012 LAB
		8/20/16 - 12/10/16	TR	1300 - 1505	Margaret Griffith	B012

## **ART 234**

### **Watercolor Painting**

3 Units

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	8/20/16 - 12/10/16	TR	1530 - 1625	Margaret Griffith	B012
	LAB	8/20/16 - 12/10/16	TR	1630 - 1835	Margaret Griffith	B012

## **ART 235**

### **Advanced Painting I**

3 Units

Prerequisite: ART 136

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

Transfers to: UC, CSU

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.

70651	CLAS	8/20/16 - 12/10/16	S	0900 - 1050	Melanie Florio	B012
	LAB	8/20/16 - 12/10/16	S	1055 - 1505	Melanie Florio	B012
72320	CLAS	8/20/16 - 12/10/16	TR	0830 - 0925	Ada Brown	B012
	LAB	8/20/16 - 12/10/16	TR	0930 - 1135	Ada Brown	B012
74080	CLAS	8/20/16 - 12/10/16	TR	1530 - 1625	Margaret Griffith	B012
	LAB	8/20/16 - 12/10/16	TR	1630 - 1835	Margaret Griffith	B012
74083	CLAS	8/20/16 - 12/10/16	MW	1200 - 1255	Ada Brown	B012
	LAB	8/20/16 - 12/10/16	MW	1300 - 1505	Ada Brown	B012

## **ART 236**

### **Advanced Painting II**

3 Units

Prerequisite: ART 235

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

Transfers to: UC, CSU

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.

70659	CLAS	8/20/16 - 12/10/16	TR	0830 - 0925	Ada Brown	B012
	LAB	8/20/16 - 12/10/16	TR	0930 - 1135	Ada Brown	B012
73252	CLAS	8/20/16 - 12/10/16	S	0900 - 1050	Melanie Florio	B012
	LAB	8/20/16 - 12/10/16	S	1055 - 1505	Melanie Florio	B012
74079	CLAS	8/20/16 - 12/10/16	MW	1200 - 1255	Ada Brown	B012
		8/20/16 - 12/10/16	MW	1300 - 1505	Ada Brown	B012
74082	CLAS	8/20/16 - 12/10/16	TR	1530 - 1625	Margaret Griffith	B012
	LAB	8/20/16 - 12/10/16	TR	1630 - 1835	Margaret Griffith	B012

## ART 242

### Advanced Ceramics

3 Units

Prerequisite: ART 141

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment

Transfers to: UC, CSU

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.

72912	CLAS	8/20/16 - 12/10/16	MW	0850 - 0945	Robert Miller	B010
	LAB	8/20/16 - 12/10/16	MW	0950 - 1155	Robert Miller	B010
74339	CLAS	8/20/16 - 12/10/16	TR	0850 - 0945	Shoshi Kanokohata	B010
	LAB	8/20/16 - 12/10/16	TR	0950 - 1155	Shoshi Kanokohata	B010
74340	CLAS	8/20/16 - 12/10/16	TR	1315 - 1410	Robert Miller	B010
	LAB	8/20/16 - 12/10/16	TR	1415 - 1620	Robert Miller	B010
74341	CLAS	8/20/16 - 12/10/16	TR	1900 - 1955	Joseph Cramer	B010
	LAB	8/20/16 - 12/10/16	TR	2000 - 2205	Joseph Cramer	B010
74343	CLAS	8/20/16 - 12/10/16	MW	1900 - 1955	Rose Misanchuk	B010
	LAB	8/20/16 - 12/10/16	MW	2000 - 2205	Rose Misanchuk	B010

## ASL 149

### American Sign Language I

4 Units

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.

71066	CLAS	8/20/16 - 12/10/16	MW	1650 - 2105	William Rennie	A200
73245	CLAS	8/20/16 - 12/10/16	TR	1115 - 1320	Jan Wong	El Monte Educational Center
74401	CLAS	8/20/16 - 12/10/16	TR	1800 - 2005	Dana Arazi	South Whittier Education Ctr

## ASL 150

### American Sign Language II

4 Units

Prerequisite: ASL 149 with a "C" or better or two years of high school ASL with a "C" or better

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment

Transfers to: UC, CSU

This course will provide a continuation of American Sign Language I 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 continue learning to communicate with those who are deaf and hard of hearing.

73790 CLAS 8/20/16 - 12/10/16 TR 1900 - 2105 William Rennie A202

74467 CLAS 8/20/16 - 12/10/16 MW 1430 - 1635 Dana Arazi A202

### **ASTR 110**

#### **General Astronomy**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 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 course is 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 8/20/16 - 12/10/16 TR 0805 - 0930 Joseph Rhee S221

70470 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Joseph Rhee S236

74191 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Joseph Rhee S236

74192 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Joseph Rhee S236

### **ASTR 112**

#### **Observational Astronomy**

1 Unit

Prerequisite/Corequisite: ASTR 110 with a grade of "C" or better

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: UC (credit limit\*), CSU (\*Students will receive credit from UC for only one of the following courses: ASTR 112 or ASTR 114)

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 visible objects including constellations, planets, star clusters, galaxies, meteor, 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.

74193 LAB 8/20/16 - 12/10/16 T 1300 - 1610 Sidi Benzahra S230

74194 LAB 8/20/16 - 12/10/16 W 1300 - 1610 Joseph Rhee S230

74195 LAB 8/20/16 - 12/10/16 R 1300 - 1610 Sidi Benzahra S230

### **AUTO 046**

#### **Honda/Acura Automatic Transmission Systems**

4 Units

Corequisite: AUTO 125

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

This course provides instruction relating to specific automatic transmission internal operation: drive, driven, and holding components, along with fluid pressures and sensor voltages. Students will engage in activities using special Honda diagnostic equipment to research automatic transmission topics from the Honda Interactive Training Network (HINT). Students will also participate in instructor lead demonstrations and interactive classroom assignments. Course completion shall include finishing all required HINT course training

modules and proof of module posting on American Honda's Dealer Personal Tracking System (DPTS). The course is a requirement for the Honda/Acura Professional Career Training Program (PACT Program) Powertrain and Transmission Systems Certificate of Achievement and is in partial fulfillment of the Honda PACT AS degree.

72720 CLAS 8/20/16 - 12/10/16 M 1800 - 2215 Michael Dighera T141

### **AUTO 101**

#### **Introduction to Automotive Service and Repair: Underhood Service**

3 Units

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

Transfers to: CSU

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.

70348	CLAS	8/20/16 - 12/10/16	W	0800 - 1030	Eric Olson	T144
	LAB	8/20/16 - 12/10/16	W	1035 - 1200	Eric Olson	T144
70353	CLAS	8/20/16 - 12/10/16	T	1800 - 2030	John Pavone	T144
	LAB	8/20/16 - 12/10/16	T	2035 - 2200	John Pavone	T144
74310	CLAS	8/20/16 - 12/10/16	S	0800 - 1030	Javier Luna	T154
	LAB	8/20/16 - 12/10/16	S	1035 - 1200	Javier Luna	T154

### **AUTO 103**

#### **Introduction to Automotive Service and Repair: Undercar Service**

3 Units

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

Transfers to: CSU

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.

70349	CLAS	8/20/16 - 12/10/16	M	0800 - 1030	Eric Olson	T144
	LAB	8/20/16 - 12/10/16	M	1035 - 1200	Eric Olson	T144
70351	CLAS	8/20/16 - 12/10/16	S	0800 - 1030	Eric Olson	T144
	LAB	8/20/16 - 12/10/16	S	1035 - 1200	Eric Olson	T144
74309	CLAS	8/20/16 - 12/10/16	R	1800 - 2030	John Frala	T154
	LAB	8/20/16 - 12/10/16	R	2035 - 2200	John Frala	T154

### **AUTO 106**

#### **Automotive Electrical Tools and Diagnostic Procedures**

3 Units

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

Transfers to: CSU

This is an introductory course designed to provide the student with the fundamentals of the electrical systems of the modern automobile. Emphasis will be placed on electrical fundamentals, symbols and circuit diagrams, batteries, starting, charging, ignition, and lighting systems. Students will learn the proper use of automotive electrical tools and equipment, and how to safely perform basic vehicle electrical 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 103, 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.

73741 CLAS 8/20/16 - 12/10/16 T 1800 - 2030 Eric Olson T154  
LAB 8/20/16 - 12/10/16 T 2035 - 2200 Eric Olson T154

### **AUTO 107**

#### **Introduction to Automotive Light Service**

3 Units

Prerequisite: AUTO 101, AUTO 103, and AUTO 106

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

Transfers to: CSU

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).

72258 CLAS 8/20/16 - 12/10/16 R 0800 - 1030 Marius Dornean T144  
LAB 8/20/16 - 12/10/16 R 1035 - 1200 Marius Dornean T144

### **AUTO 110**

#### **Introduction to Engine Diagnosis and Tune-Up**

3 Units

Prerequisite: AUTO 101

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

Transfers to: CSU

This is 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.

70355 CLAS 8/20/16 - 12/10/16 M 0800 - 1030 John Frala T154  
LAB 8/20/16 - 12/10/16 M 1035 - 1200 John Frala T154

### **AUTO 125**

#### **Power Train System Service and Transmission Diagnostics**

4 Units

Prerequisite: AUTO 102 or AUTO 103

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

Transfers to: CSU

This course in power train service and light repair addresses topics in Manual Transmissions, Automatic Transmissions/ Transaxles, Differentials, Clutches and Drive shafts. Emphasis will be placed on correct procedures for sustaining transmission service life, identifying service intervals for prolonging component life, procedures for proper transmission removal and reinstallation and inspection of components. Students will be informed to specific power train related faults, how problems are diagnosed, and protocol for updating transmission shift logic using updated computer software. Topics will be facilitated through class room discussions, live demonstration as well as student laboratory exercises. Students will use scan tools, flushing equipment, computers and a variety of specialty tools to assist them during their classroom and laboratory experiences.

70316 CLAS 8/20/16 - 12/10/16 W 0800 - 1110 Michael Dighera T141  
LAB 8/20/16 - 12/10/16 W 1210 - 1520 Michael Dighera T141

### **AUTO 130**

#### **Level-I Smog Technician Training Course: Engine and Emission Control Fundamentals**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AUTO 065

Transfers to: CSU

This course is designed to provide the student with the ability to satisfy the Bureau of Automotive Repair (BAR) Smog Check Technician training requirement of successfully completing the Level-I Smog Technician Training Course when applying for the California Smog Check Technician licensing examination. Course content includes Engine Theory, Design and Operation, Ignition Systems, Fuel Systems, Engine Management Systems, and Emission Control Systems. Emphasis is placed on proper engine diagnostic procedures and On-Board Diagnostic Systems (OBD-I and OBD-II). Lab activities focus on the use of testing equipment, scan tools, digital scopes and meters, as well as inspection and repair procedures of vehicles that fail the Smog Test. Upon successful completion of this course, the student will receive a certificate of completion from the Rio Hondo Automotive Technology Department. Students with permission from the Division may re-enroll only one time for certification or licensure standards.

70337 CLAS 8/20/16 - 12/10/16 M 1800 - 2030 Richard (Rick) Powell T121  
LAB 8/20/16 - 12/10/16 M 2035 - 2200 Richard (Rick) Powell T121

### **AUTO 140**

#### **Body and Chassis Electrical Systems**

4 Units

Prerequisite: AUTO 102 or AUTO 106

Advisory: READ 023 or appropriate assessment; AUTO 157

Transfers to: CSU

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. Students with permission from the Division may re-enroll only one time for certification or licensure standards.

74113 CLAS 8/20/16 - 12/10/16 MW 1300 - 1425 John Frala T103  
LAB 8/20/16 - 12/10/16 MW 1435 - 1600 John Frala T103

### **AUTO 155**

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

3 Units

Prerequisite: AUTO 101

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AUTO 106; AUTO 120

Transfers to: CSU

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 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.

72259 CLAS 8/20/16 - 12/10/16 T 1800 - 2030 Kenneth Lim T103  
LAB 8/20/16 - 12/10/16 T 2035 - 2200 Kenneth Lim T103

### **AUTO 157**

#### **Automotive Specialized Electronics Training**

4 Units

Prerequisite: AUTO 106

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

Transfers to: CSU

This course provides an overview of the principles of automotive electronics. Topics covered include electrical theory, fundamentals of circuit construction, computers, semiconductors, microprocessors, integrated circuits (IC), types of output signals, wire repair techniques, meter usage and strategy based diagnostics. A demonstration General Motors circuit board will be used to illustrate circuit board function. This course is designed for entry level technicians or students who need an understanding of the basics of automotive electronics.

74202 CLAS 8/20/16 - 12/10/16 W 1800 - 2215 John Frala T103

### **AUTO 170**

#### **Lower End Engine Rebuilding and Machining**

4 Units

Prerequisite: AUTO 101

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AUTO 160

Transfers to: CSU

This course provides occupational preparation in the skills required for adjustment and repair of modern automobile engine lower end assembly. Emphasis is placed on problem diagnosis, repair techniques, service procedures, and machining operations. This course prepares students for the Automotive Service Excellence (ASE) A-1 exam and is intended for automotive majors.

74158 CLAS 8/20/16 - 12/10/16 TR 1300 - 1425 Michael Dighera T144

LAB 8/20/16 - 12/10/16 TR 1435 - 1600 Michael Dighera T144

### **AUTO 180**

#### **Advanced Automotive Diagnostic Procedures and Practices**

3 Units

Prerequisite: AUTO 101

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

Transfers to: CSU

This course is designed to strengthen existing student skills in the field of modern automotive technology, service, and repair. Course content includes an advanced study emphasizing the latest theories and principles of automotive diagnosis and troubleshooting procedures. Emphasis will be placed on advanced powertrain and powertrain management systems, electronically controlled systems, and vehicle network systems diagnosis and repair. The use of a variety of modern diagnostic tools and equipment is included.

74160 CLAS 8/20/16 - 12/10/16 F 0800 - 1030 Steve Tomory T154

LAB 8/20/16 - 12/10/16 F 1035 - 1200 Steve Tomory T154

### **AUTO 190**

#### **Engine Blueprinting & Machining**

3 Units

Advisory: AUTO 160 or AUTO 170; READ 023 or appropriate assessment

Transfers to: CSU

This is an advanced course for students interested in engine blueprinting and engine machining practices. Topics include: cylinder block machining and preparation, cylinder head machining and repair, crankshaft materials and construction, connecting rod applications and machining, piston design and applications as well as camshaft lobe applications and profile analysis. Students must be proficient with basic precision instruments or have prior experience with engine machining or assembly practices. Emphasis will be placed upon engine blueprinting methods machining operations and component applications.

74159 CLAS 8/20/16 - 12/10/16 R 1800 - 2030 Michael Dighera T144

LAB 8/20/16 - 12/10/16 R 2035 - 2200 Michael Dighera T144

### **AUTO 200**

#### **Suspension, Steering, and Alignment Service**

4 Units

Prerequisite: AUTO 103

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

Transfers to: CSU

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. Students with permission from the Division may reenroll only one time for certification or licensure standards.

70359 CLAS 8/20/16 - 12/10/16 TR 0800 - 0925 Joseph Tomeo T154  
 LAB 8/20/16 - 12/10/16 TR 0935 - 1100 Joseph Tomeo T154

**AUTO 230**

**Automatic Transmission/Transaxle**

4 Units

Prerequisite: AUTO 103

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; AUTO 125

Transfers to: CSU

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. Students with permission from the Division may reenroll only one time for certification and licensure standards.

70362 CLAS 8/20/16 - 12/10/16 MW 1800 - 1925 Steve Tomory T144  
 LAB 8/20/16 - 12/10/16 MW 1935 - 2100 Steve Tomory T144

**AUTO 290**

**Cooperative Work Experience/Internship for Automotive Technology Related Fields**

1 Unit

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 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".

**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.

72814	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74124	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74125	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74126	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned

**AUTO 300**



## **Assessment of the Automotive Industry**

3 Units

Prerequisite: Enrollment requires an AS degree in Automotive Technology or similar field, and special approval from the program advisor

Advisory: PHY 120, ENGL 201 or ENGL 201H, and MATH 130 or MATH 130H or MATH 160 (all with a grade of "C" or better)

This course provides the Automotive Technology student with a detailed practical study of how to be successful in the Automotive Service, Parts, and Sales Industry.

This is a practical study of current service, parts, and sales practices performed in dealerships and independent repair shops, while also discussing the review and preparation of the theory and skills necessary to successfully pass the Automotive Service Excellence (ASE) Exams relevant to Industry Standards. Topics include becoming efficient in the shop, mastering the various pay systems, understanding managers and owners, building customer loyalty, demonstrating workplace and social ethics, and making Customer Satisfaction Index (CSI) values work for all employees. In addition, vehicle engines, transmissions, brakes, suspension, air conditioning, and engine performance systems, parts, and components, and new and emerging technologies that support the service and repair of the modern automobile will be discussed.

Emphasis will be placed upon the important tasks of proper repair procedures, the safe use of tools, equipment, technical data, and scan tools, as well as the ins-and-outs of the business of service, parts, and sales. Current Automotive Industry practices and relevant case studies will be discussed and demonstrated throughout the course. The overall goal of this course is for the student to apply and demonstrate knowledge and skills that will enable them to advance their employment in the Vehicle After-Sales Field Operations Management spectrum.

74367 CLAS 8/20/16 - 12/10/16 T 1800 - 2110 Steve Tomory T121

## **AUTO 310**

### **The Global Development and Advancement of the Automobile**

3 Units

Prerequisite: Enrollment requires an AS degree in Automotive Technology or similar field, and special approval from the program advisor

Advisory: PHY 120, ENGL 201 or ENGL 201H, and MATH 130 or MATH 130H or MATH 160 (all with a grade of "C" or better)

This course provides the Automotive Technology student with a detailed practical study of the development of the Automobile from its beginnings to the present day. This is a practical study of the invention of the first suitable power source to be adopted to self-propel a road vehicle and how it resulted in a major paradigm shift to revolutionize transportation and the ability of individual mobility. Topics include the development of animal-drawn transportation devices and the quest for a prime mover, the pioneering era of the automobile and how it led to it being an industrial product, mass-production of the automobile and how it became a consumer product, and new and emerging technologies that support the automobile and motorized traffic and transportation systems. Emphasis will be placed upon the global perspective, particularly the developments that occurred in the United States, Europe, and Asia, and the numerous technological and business revolutions of the first and second half of the 20th century. Current Automotive Industry practices and relevant case studies will be discussed and demonstrated throughout the course. The overall goal of this course is for the student to apply and demonstrate knowledge and skills that will enable them to advance their employment in the Vehicle-After Sales Field Operations Management spectrum.

74368 CLAS 8/20/16 - 12/10/16 R 1800 - 2110 Steve Tomory T121

## **BIOL 101**

### **General Biology**

4 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: UC (credit limit\*), CSU (\*Students will receive credit from UC for only one of the following courses: BIOL 101 or BIOL 200)

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.

70474	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Megan Fitzgerald	S136
	LAB	8/20/16 - 12/10/16	M	0940 - 1250	Megan Fitzgerald	S130
70475	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Megan Fitzgerald	S136
	LAB	8/20/16 - 12/10/16	W	0940 - 1250	Danielle Dervishian	S130
70481	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Michael Farris	S136
	LAB	8/20/16 - 12/10/16	W	1300 - 1610	Danielle Dervishian	S130
70482	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Rebekah Borup	S136
	LAB	8/20/16 - 12/10/16	T	0940 - 1250	Rebekah Borup	S130
70483	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Rebekah Borup	S136
	LAB	8/20/16 - 12/10/16	R	0940 - 1250	Rebekah Borup	S130
70488	LAB	8/20/16 - 12/10/16	F	0900 - 1210	Danielle Dervishian	S130
70490	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Michael Farris	S136
	LAB	8/20/16 - 12/10/16	M	1300 - 1610	Michael Farris	S130
70495	CLAS	8/20/16 - 12/10/16	MW	1730 - 1855	Victor Kowalski	S136
	LAB	8/20/16 - 12/10/16	M	1900 - 2210	Victor Kowalski	S130
70497	CLAS	8/20/16 - 12/10/16	MW	1730 - 1855	Victor Kowalski	S136
	LAB	8/20/16 - 12/10/16	W	1900 - 2210	Victor Kowalski	S130
70503	CLAS	8/20/16 - 12/10/16	S	1115 - 1425	Joseph Esdin	S136
	LAB	8/20/16 - 12/10/16	S	0800 - 1110	Joseph Esdin	S130
70505	CLAS	8/20/16 - 12/10/16	S	1115 - 1425	Joseph Esdin	S136
	LAB	8/20/16 - 12/10/16	S	1430 - 1740	Joseph Esdin	S130

## **BIOL 105**

### **Human Biology**

3 Units

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

Transfers to: UC, CSU

This course will provide an introduction to the basic principles, structures, functions and biological processes of the human body. This lecture only course will emphasize a scientific viewpoint of the workings of the human body and its interactions with the environment as well as the necessary practices needed to promote a healthy body. The course's target audience are those students pursuing a liberal arts education who are interested in furthering their own knowledge of human biology.

74338 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Robert Bethel S225

## **BIOL 111**

### **Marine Biology**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: UC, CSU

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.

70518 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Stephen Katnik S136

## **BIOL 111L**

### **Marine Biology Laboratory**

1 Unit

Prerequisite/Corequisite: BIOL 111

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: UC, CSU

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.

70520 CLAS 8/20/16 - 12/10/16 T 1300 - 1610 Stephen Katnik S129

## **BIOL 120**

### **Environmental Biology**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: UC, CSU

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.

70522 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Stephen Katnik S121

70523 CLAS 8/20/16 - 12/10/16 TR 1730 - 1855 Stephen Katnik S121

## **BIOL 120L**

### **Environmental Biology Laboratory**

1 Unit

Prerequisite/Corequisite: BIOL 120

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

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.

70524 LAB 8/20/16 - 12/10/16 M 1250 - 1600 Stephen Katnik S129

70526 LAB 8/20/16 - 12/10/16 W 1250 - 1600 Stephen Katnik S129

70527 LAB 8/20/16 - 12/10/16 R 1300 - 1610 Stephen Katnik S129

70528 LAB 8/20/16 - 12/10/16 T 1900 - 2210 Oscar Rivas S129

## **BIOL 125**

### **Human Anatomy**

4 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment; BIOL 101

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.

70530 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Shelly Spencer S136

	LAB	8/20/16 - 12/10/16	MW	0940 - 1105	Shelly Spencer	S101
70652	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Shelly Spencer	S136
	LAB	8/20/16 - 12/10/16	M	1250 - 1600	Shelly Spencer	S101
70653	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Shelly Spencer	S136
	LAB	8/20/16 - 12/10/16	W	1250 - 1600	Shelly Spencer	S101
70654	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Jeronimo Ribaya	S236
	LAB	8/20/16 - 12/10/16	T	0940 - 1250	Jeronimo Ribaya	S101
70655	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Jeronimo Ribaya	S236
	LAB	8/20/16 - 12/10/16	R	0940 - 1250	Jeronimo Ribaya	S101
70656	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Jeronimo Ribaya	S236
	LAB	8/20/16 - 12/10/16	T	1300 - 1610	Anna Grygoruk	S101
70657	CLAS	8/20/16 - 12/10/16	TR	1725 - 1850	Jeronimo Ribaya	S136
	LAB	8/20/16 - 12/10/16	R	1410 - 1720	Jeronimo Ribaya	S101
70658	CLAS	8/20/16 - 12/10/16	TR	1725 - 1850	Jeronimo Ribaya	S136
	LAB	8/20/16 - 12/10/16	T	1900 - 2210	Anna Grygoruk	S101
70664	CLAS	8/20/16 - 12/10/16	TR	1725 - 1850	Jeronimo Ribaya	S136
	LAB	8/20/16 - 12/10/16	R	1900 - 2210	Jeronimo Ribaya	S101

## **BIOL 200**

### **Principles of Biology 1 (Molecular and Cellular Biology)**

5 Units

Prerequisite: CHEM 120 and MATH 070 or MATH 070D or MATH 073 or appropriate assessment

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: BIOL 101 or BIOL 200)

This course is first in a sequence of courses for undergraduate preparation for biology majors. This course will cover principles and applications of prokaryotic and eukaryotic cell structure and function, biological molecules, homeostasis, cell reproduction and its controls, molecular genetics, classical/Mendelian genetics, cell metabolism including photosynthesis and respiration, and cellular communication. Additional areas of focus include evolution and ecology. The laboratory portion of the course applies the processes of scientific inquiry and experimental design to the study of biological concepts 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.

70665	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Terry Keller	S132
	LAB	8/20/16 - 12/10/16	TR	0940 - 1250	Terry Keller	S132

## **BIOL 201**

### **Principles of Biology 2 (Diversity and Ecology)**

5 Units

Prerequisite: BIOL 200 with a grade of "C" or better

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

Transfers to: UC, CSU

This course continues the sequence of undergraduate preparation for biology majors. The course is a survey of the diversity of unicellular and multicellular life on earth, focusing on the relationships between structure and function, as well as evolutionary adaptations to their environments. Topics deal with classification, development, evolutionary relationships and ecological functions of living organisms inclusive of prokaryotes, fungi, protists, plants and animals. Laboratories will emphasize life forms, experimentation and dissections. Field trips will be used to examine organisms in their natural settings.

73778	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Terry Keller	S132
	LAB	8/20/16 - 12/10/16	MW	1425 - 1735	Terry Keller	S132

**BIOL 222  
Microbiology**

5 Units

Prerequisite: CHEM 110

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

Transfers to: CSU

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.

70666	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Robert Bethel	S121
	LAB	8/20/16 - 12/10/16	MW	1300 - 1610	Robert Bethel	S100
70667	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Robert Bethel	S121
	LAB	8/20/16 - 12/10/16	TR	0940 - 1250	Carol Itatani	S100
70668	CLAS	8/20/16 - 12/10/16	MW	1725 - 1850	Judith Kandel	S121
	LAB	8/20/16 - 12/10/16	MW	1900 - 2210	Judith Kandel	S100

**BIOL 226  
Human Physiology**

4 Units

Prerequisite: BIOL 125 and CHEM 110

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

Transfers to: UC, CSU

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.

70669	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Shelly Spencer	S121
	LAB	8/20/16 - 12/10/16	T	0940 - 1250	Shelly Spencer	S124
70670	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Shelly Spencer	S121
	LAB	8/20/16 - 12/10/16	R	0940 - 1250	Shelly Spencer	S124
70671	CLAS	8/20/16 - 12/10/16	MW	1725 - 1850	Jeronimo Ribaya	S221
	LAB	8/20/16 - 12/10/16	W	1900 - 2210	Jeronimo Ribaya	S124

**BUSL 110  
Legal Environment of Business**

3 Units

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)

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.

71001	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Eric Bladh	B105
71002	VC	8/20/16 - 12/10/16			Eric Bladh	
71038	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Andrew Feinour	B118
71285	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Eugene Blackmun	B105
71286	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Eugene Blackmun	B105

71288 VC 8/20/16 - 12/10/16 Eugene Blackmun  
 73794 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Eugene Blackmun B105

**CD 102**  
**Nutrition, Health and Safety for Children**

3 Units

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

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.

70041 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Patricia Kepner S220  
 70042 WEB 10/3/16 - 12/10/16 Sondra Moe

**CD 103**  
**Parenting**

3 Units

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

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.

74172 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Kelly Lynch CDC5  
 74437 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Jennifer Paris Pico Educational Center

**CD 106**  
**Child Growth and Development**

3 Units

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 coursers: 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 DS1 and applies toward the State of California Title V requirement for the Child Development Permit.

70046 CLAS 8/20/16 - 12/10/16 TR 1250 - 1415 Su-Chen Sueng South Whittier Education Ctr  
 70048 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Patricia Kepner S220  
 70050 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Patricia Kepner S220  
 70053 CLAS 8/20/16 - 12/10/16 M 1250 - 1600 Sondra Moe CDC5  
 70054 WEB 8/20/16 - 12/10/16 Carol Sigala  
 70055 WEB 8/20/16 - 12/10/16 Carol Sigala

**CD 110****Principles and Practices of Early Childhood Education**

3 Units

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 of 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.

70058	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Patricia Kepner	S220
70059	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Carol Sigala	A208
70060	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Su-Chen Sueng	A208
70061	WEB	8/20/16 - 12/10/16			Carol Sigala	

**CD 111****Early Childhood Education Curriculum**

3 Units

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

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.

70063	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Patricia Kepner	S220
70064	WEB	10/3/16 - 12/10/16			Carol Sigala	
70065	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Jennifer Paris	A208

**CD 114****Observation and Assessment**

3 Units

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

Transfers to: CSU

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.

72192	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Patricia Kepner	S220
72764	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	Debra Ward	A208

**CD 115****Creative Art Experiences for Children**

3 Units

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

Transfers to: CSU

This 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. This course is appropriate for students interested in working with children in group care and educational environments. Applies towards the State of California Title 22 Department of Social Services Classification Indicator DS 3 and State of California Teacher Credentialing requirements for the Child Development Permit.

73207 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Kelly Lynch CDC5

**CD 119**  
**Music and Movement for Children**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: CSU

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.

73208 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Kelly Lynch CDC5

**CD 120**  
**Experiences in Language Arts**

3 Units

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

This course is designed for students who are interested in promoting and facilitating the language development of children. The course is a study of philosophies, principles and implementation of language arts experiences for children from birth to early adolescence. The theoretical basis of language development and systems of teaching literacy will be addressed. Literature, dramatics, flannel board stories, puppetry, and storytelling are incorporated into the course as strategies for language acquisition as well as literacy activities. The course meets State of California Commission on Teacher Credentialing requirements for the Child Development Permit and Department of Social Service Classification Indicator DS3.

72765 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Kelly Lynch CDC5

**CD 208**  
**Child, Family and Community**

3 Units

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

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.

70072 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 Patricia Kepner S220

70073 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Carol Sigala A208

74302 WEB 10/3/16 - 12/10/16 Sondra Moe

**CD 211**  
**Infants and Toddlers**

3 Units



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

This course is a study of factors that affect the developmental progress of children from birth through 2 years. Current developmental theories specific to this age and practical applications that nurture the cognitive, language, emotional, social, personality, and motor development are explored. Emphasis will be placed on the role of the adult in designing, assessing and implementing the educare (education and caring) of infants and toddlers. Culturally sensitive care, as well as early recognition and intervention for infants and toddlers with special needs is discussed. This course is recommended for students who are interested in working with infants and toddlers in center-based programs, family child care and parental care. This course meets The Department of Social Services Classification Indicator DS4 and applies towards the State of California Department of Education Title V Child Development Permits.

73731 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 Cecilia Medina A208

74305 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 Kelly Lynch CDC5

## **CD 224**

### **Diversity Issues During Early Childhood, School Age and Adolescence**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: CSU

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.

74300 CLAS 8/20/16 - 12/10/16 M 1900 - 2210 Sondra Moe CDC5

74304 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Carol Sigala A208

## **CD 226**

### **Introduction to Special Education**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: CSU

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.

70079 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Kelly Lynch CDC5

74301 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 Sondra Moe CDC5

## **CD 228**

### **Early Childhood Education Practicum**

3 Units

Prerequisite: CD 106, CD 110, CD 111, CD 114 and CD 208

Advisory: READ 023 or appropriate assessment

Transfers to: CSU

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.

70080	ARR	8/20/16 - 12/10/16			Sondra Moe	
	CLAS	8/20/16 - 12/10/16	T	1250 - 1455	Sondra Moe	CDC5
74289	CLAS	8/20/16 - 12/10/16	W	1900 - 2105	Sondra Moe	CDC5
	LAB	8/20/16 - 12/10/16			Sondra Moe	

## CHEM 110

### Chemistry for Allied Health Majors

5 Units

Prerequisite: MATH 050 or MATH 050D or MATH 053 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 or MATH 073 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.

70716	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Rehwa Lee	S333
	DIS	8/20/16 - 12/10/16	M	1115 - 1210	Rehwa Lee	S324
	LAB	8/20/16 - 12/10/16	M	1300 - 1610	Rehwa Lee	S324
70717	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Rehwa Lee	S333
	DIS	8/20/16 - 12/10/16	W	1115 - 1210	Rehwa Lee	S324
	LAB	8/20/16 - 12/10/16	W	1300 - 1610	Rehwa Lee	S324
70720	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Irene Huang	S333
	DIS	8/20/16 - 12/10/16	T	0940 - 1035	Irene Huang	S324
	LAB	8/20/16 - 12/10/16	T	1045 - 1355	Irene Huang	S324
70721	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Irene Huang	S333
	DIS	8/20/16 - 12/10/16	R	0940 - 1035	Irene Huang	S324
	LAB	8/20/16 - 12/10/16	R	1045 - 1355	Allen Leung	S324
70723	CLAS	8/20/16 - 12/10/16	MW	1730 - 1855	Alan Efron	S236
	DIS	8/20/16 - 12/10/16	M	1900 - 1955	Alan Efron	S236
	LAB	8/20/16 - 12/10/16	W	1900 - 2210	Ahmad Alshawa	S324
74347	CLAS	8/20/16 - 12/10/16	MW	1730 - 1855	Alan Efron	S236
	DIS	8/20/16 - 12/10/16	W	1900 - 1955	Alan Efron	S236
	LAB	8/20/16 - 12/10/16	M	1900 - 2210	Ahmad Alshawa	S324

## CHEM 120

### Introduction to Chemistry

5 Units

Prerequisite: MATH 070 or MATH 070D or MATH 073 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 major in science or engineering. The course primarily prepares students for Chemistry 130; additionally, it fulfills the general education requirement in the physical sciences. This course introduces the fundamental principles of general chemistry, with emphasis on chemical nomenclature and quantitative problems in chemistry. The lecture presents classical and modern chemistry including atomic theory, periodic properties, chemical bonding, chemical reactions, stoichiometry,

acids and bases, gas laws and solutions. The laboratory introduces the techniques of experimental chemistry with examples from all areas of chemistry.

70724	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Mathew Koutroulis	S333
	DIS	8/20/16 - 12/10/16	T	1115 - 1210	Mathew Koutroulis	S331
70725	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Mathew Koutroulis	S333
	DIS	8/20/16 - 12/10/16	R	1115 - 1210	Mathew Koutroulis	S331
70726	CLAS	8/20/16 - 12/10/16	MW	1725 - 1850	Gregorio Sanchez	S333
	DIS	8/20/16 - 12/10/16	M	1900 - 1955	Gregorio Sanchez	S333
	LAB	8/20/16 - 12/10/16	W	1900 - 2210	Ling-I Chen	S331
73698	CLAS	8/20/16 - 12/10/16	MW	1725 - 1850	Gregorio Sanchez	S333
	DIS	8/20/16 - 12/10/16	W	1900 - 1955	Gregorio Sanchez	S333
	LAB	8/20/16 - 12/10/16	M	1900 - 2210	Ling-I Chen	S331

### **CHEM 130** **General Chemistry**

5 Units

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

Advisory: ENGL 101; READ 023 or appropriate assessment; MATH 175 or appropriate assessment

Transfers to: UC, CSUCHEM 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.

70738	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Allen Leung	S333
	DIS	8/20/16 - 12/10/16	M	0935 - 1140	Allen Leung	S331
	LAB	8/20/16 - 12/10/16	W	0945 - 1255	Allen Leung	S331
		8/20/16 - 12/10/16	M	1145 - 1245	Allen Leung	S331
70739	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Allen Leung	S333
	DIS	8/20/16 - 12/10/16	M	1330 - 1535	Allen Leung	S331
	LAB	8/20/16 - 12/10/16	W	1330 - 1640	Allen Leung	S331
		8/20/16 - 12/10/16	M	1540 - 1640	Allen Leung	S331

### **CHEM 140** **General Chemistry**

5 Units

Prerequisite: CHEM 130 with a grade of "C" or better

Advisory: ENGL 101; READ 023 or appropriate assessment; MATH 180 or appropriate assessment

Transfers to: CSU

CHEM 140 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 acid/base, buffer, solubility, and complexions. Entropy and free energy, electrochemistry, coordination compounds and a brief introduction to organic chemistry and nuclear chemistry are presented. Various analytical techniques used in modern chemistry are introduced. Descriptive chemistry of representative metallic and nonmetallic elements is included. The Laboratory introduces experimental chemistry with examples from areas of kinetics, equilibrium, acid/base and buffer preparation, differential titration, electrochemistry, and qualitative analysis. Modern instrumental methods are used in some exercises.

73728	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Irene Huang	S221
	LAB	8/20/16 - 12/10/16	MW	0940 - 1250	Irene Huang	S325

### **CHEM 230** **Organic Chemistry I**

5 Units

Prerequisite: CHEM 140 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.

70744 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Mathew Koutroulis S333  
LAB 8/20/16 - 12/10/16 MW 1300 - 1610 Mathew Koutroulis S325

### **CHIN 101**

#### **Chinese I**

4 Units

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.

71104 CLAS 8/20/16 - 12/10/16 MW 1425 - 1630 Yishin Ho A206  
71106 CLAS 8/20/16 - 12/10/16 F 0800 - 1220 Yishin Ho A206

### **CHIN 102**

#### **Chinese II**

4 Units

Prerequisite: Completion of CHIN 101 with a "C" or better, or completion of 2 years high school Chinese with a "C" or better

Advisory: READ 023 or appropriate assessment

Transfers to: UC, CSU

This course is a continuation of the essentials of the Chinese Language. The course stresses oral and written proficiency through fundamental use of Chinese pronunciation and the Pinyin Spelling System. Students will continue to further their knowledge of 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.

73791 CLAS 8/20/16 - 12/10/16 TR 1900 - 2105 Michael Mikita A213

### **CHST 101**

#### **Introduction to Chicano Studies**

3 Units

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 cultural, economic, educational and political issues as they impact the Chicana/o in the U.S. Topics include Chicana/o identity, ethnic/racial paradigms, gender, language, race, educational attainment, immigration, labor, and poverty. 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.

70036 CLAS 10/15/16 - 12/10/16 TR 0940 - 1250 Monica Serafin S201

## **CHST 146**

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

3 Units

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 history of the Mexican/Mexican-American people in the United States presented in the context of U.S. history and government. The course begins with a discussion of the Mexican American War and the Treaty of Guadalupe Hidalgo, and goes on to examine the Mexican American struggle for full integration into U.S. society. Key topics include repatriation, unionism, Mexican American GIs on the Pacific and European war front, postwar struggles for economic and social justice, radicalism, and concludes with an examination into the dramatic growth of the Mexican/Mexican-American population in the U.S. 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.

70038 CLAS 8/20/16 - 12/10/16 W 1900 - 2210 Monica Serafin A205

72762 CLAS 8/20/16 - 10/14/16 TR 0940 - 1250 Irma Valdivia S201

## **CHST 148**

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

3 Units

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

Transfers to: UC, CSU

This introductory course explores the racial/ethnic identity formation of Chicanas/Mexican origin women in the United States. Course themes include an examination into the genesis of the term "Chicana", the emergence of Chicana feminism, and the intersection of race, gender, class, and sexuality in relation to the formation and study of Chicana identities. This course is an interdisciplinary one, drawing on methodologies from racial/ethnic studies, women/gender studies, queer studies, history, literature, sociology, and popular culture. This course is appropriate for students interested in furthering their understanding of the social construction of the Mexican American woman.

70039 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Monica Serafin S201

## **CHST 150**

### **Chicano Politics (Same as POLS 150)**

3 Units

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. 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.

74171 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Juana Mora A225

## **CIT 101**

### **Introduction to Computer Information Technology**

3 Units

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

Transfers to: UC, CSU

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.

71005 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 John Cameron B117

71009	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Rodolfo Rios	B117
71027	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	To Be Assigned	B117
71030	CLAS	8/20/16 - 12/10/16	S	0800 - 1110	Anil Muhammed	B117
71037	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Alexia Sokol	B117
71230	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Alexia Sokol	B117
71231	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Shin Liu	B117
71232	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Rodolfo Rios	B117
71263	CLAS	8/20/16 - 12/10/16	F	0940 - 1250	John Cameron	B117
72865	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Shin Liu	B117
73338	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	To Be Assigned	B117
74314	CLAS	8/20/16 - 12/10/16	TR	1315 - 1440	Alexia Sokol	B117

## **CIT 107**

### **Microsoft Excel**

3 Units

Prerequisite: CIT 101

Advisory: READ 023 or appropriate assessment

Transfers to: CSU

This is a comprehensive spreadsheet application course which will provide instruction in the use of the latest version of spreadsheet software for business applications. Students will learn to create and format a workbook, work with formulas and functions, create charts, tables and PivotTables. Students will also learn advanced functions, and develop Excel applications. This course is intended for students desiring to complete the requirements for the Computer Information Technology Microcomputer Specialists Degree or professionals wanting comprehensive knowledge of Microsoft® Excel®

73297	CLAS	8/20/16 - 12/10/16	W	1800 - 2035	John Cameron	B116
	LAB	8/20/16 - 12/10/16	W	2045 - 2210	John Cameron	B116
74328	CLAS	8/20/16 - 12/10/16	T	0940 - 1105	Jon Whitford	B113
	LAB	8/20/16 - 12/10/16	R	0940 - 1205	Jon Whitford	B113

## **CIT 109**

### **Microsoft Access**

3 Units

Prerequisite: CIT 101

Advisory: READ 023 or appropriate assessment

Transfers to: CSU

This is a thorough 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, produce simple queries and reports, 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 Degree or professionals wanting a thorough introduction to Microsoft® Access®.

73734	CLAS	8/20/16 - 12/10/16	M	0940 - 1205	Jon Whitford	B114
	LAB	8/20/16 - 12/10/16	W	0940 - 1105	Jon Whitford	B114

## **CIT 111**

### **Introduction to Programming**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment; CIT 101

Transfers to: CSU

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).

71266	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Shin Liu	B115
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### **CIT 125**

#### **Introduction to C++ Programming**

4 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment; CIT 111

Transfers to: UC, CSU

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.

71310 CLAS 8/20/16 - 12/10/16 S 0800 - 1215 Shin Liu B115

73337 CLAS 8/20/16 - 12/10/16 M 1800 - 2215 Tim Schumacher B113

### **CIT 135**

#### **Introduction to Java Programming**

4 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment; CIT 111

Transfers to: UC, CSU

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.

71312 CLAS 8/20/16 - 12/10/16 S 1230 - 1645 Shin Liu B115

74139 CLAS 8/20/16 - 12/10/16 TR 1300 - 1505 Shin Liu B115

### **CIT 180**

#### **PC Maintenance-A+ Certification**

4 Units

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.

74119 CLAS 8/20/16 - 12/10/16 M 1800 - 2110 Rodolfo Rios B114

### **CIT 210**

#### **Cisco Networking I**

3 Units

Prerequisite: CIT 101

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CIT 180

Transfers to: CSU

This course is the first of two courses designed to prepare students for the ICND 1 examination to achieve CCENT (Cisco® Certified Entry Networking Technician) Certification. Students will be introduced to networking concepts including but not limited to the OSI reference model, IP addressing, cabling, network topologies, network security, and configuration networking equipment. Students will be introduced to configuring Cisco® networking devices and create physical and virtual networks.

71314 CLAS 8/20/16 - 12/10/16 M 1315 - 1555 Rodolfo Rios B111  
LAB 8/20/16 - 12/10/16 W 1315 - 1440 Rodolfo Rios B111

### **CIT 211**

#### **Cisco Networking II**

3 Units

Prerequisite: CIT 210 with a grade of "C" or better

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CIT 101; CIT 180

Transfers to: CSU

This course is the second of two courses designed to prepare students for the ICND 2 examination to achieve CCENT (Cisco® Certified Entry Networking Technician) certification. Students will learn to design and configure LANs (Local Area Networks), Configure device security, design and configure VLANs (Virtual Local Area Networks), configure Routers, understand routing protocols, and understand NAT (Network Address Translations) for IPv4.

74141 CLAS 8/20/16 - 12/10/16 T 1800 - 2035 Rodolfo Rios B111  
LAB 8/20/16 - 12/10/16 T 2045 - 2210 Rodolfo Rios B111

### **CIT 212**

#### **Cisco Networking III**

3 Units

Prerequisite: CIT 211 with a grade of "C" or better

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; CIT 101; CIT 180

Transfers to: CSU

This course is the first of two courses designed to prepare students for the ICND-2 examination to achieve CCNA (Cisco® Certified Network Administrator) certification. Students will learn the architecture, components and operations of routers and switches in a large and complex network. Students will also learn to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks along with developing skills needed to implement DHCP and DNS operations in a network.

74329 CLAS 8/20/16 - 12/10/16 R 1800 - 2035 Rodolfo Rios B111  
LAB 8/20/16 - 12/10/16 R 2045 - 2210 Rodolfo Rios B111

### **CIV 140**

#### **Civil Drafting Fundamentals**

3 Units

Advisory: ENGT 101 or two years of high school drafting; ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment.

Transfers to: CSU

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.

71070 CLAS 8/20/16 - 12/10/16 TR 1430 - 1530 Sean Hughes S306  
LAB 8/20/16 - 12/10/16 TR 1535 - 1740 Sean Hughes S306

### **CIV 142**

#### **Introduction to Surveying and GPS**

4 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment; CIT 102

Transfers to: CSU

This 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.

71076 CLAS 8/20/16 - 12/10/16 S 0900 - 1210 Gregory Sebourn S310  
LAB 8/20/16 - 12/10/16 S 1240 - 1550 Gregory Sebourn S310

### **CIV 290**

#### **Cooperative Work Experience/Internship for Civil Related Fields**

1 Unit

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 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. "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.

72796	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74099	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74100	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74101	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned

### **CORR 101**

#### **Introduction to Corrections**

3 Units

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. This 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.

70425	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Dan Petropulos	AJ321
70426	WEB	8/20/16 - 12/10/16			Carley Mitchell	
70427	WEB	10/15/16 - 12/10/16			Carley Mitchell	

### **CORR 104**

#### **Control and Supervision in Corrections**

3 Units

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. 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.

70428 WEB 8/20/16 - 12/10/16 Arnold Adauto

### **CORR 106**

#### **Legal Aspects of Corrections**

3 Units

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.

70430 WEB 8/20/16 - 12/10/16 Tarek Azmy

### **CORR 235**

#### **Conflict Resolution**

3 Units

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 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. Racial and cultural segregation, 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.

70434 WEB 8/20/16 - 12/10/16 David Balch

### **CORR 264**

#### **Inmate Discipline in Corrections**

3 Units

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 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.

70435 WEB 8/20/16 - 12/10/16 Tarek Azmy

### **CORR 265**

#### **Supervision of Sex Offenders**

3 Units

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 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.

**CORR 290****Public Safety Communications**

3 Units

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 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.

70437 WEB 8/20/16 - 12/10/16 David Balch

**COUN 101****College and Life Success**

3 Units

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

Transfers to: UC (credit limit\*), CSU (\*The UC will grant a maximum of 3 units credit for COUN 101, 101A, 101B and 151 combined)

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.

70581	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	To Be Assigned	S125
70589	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	To Be Assigned	S125
70590	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	To Be Assigned	S125
70591	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	To Be Assigned	S125
70594	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	To Be Assigned	S125
70596	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	To Be Assigned	S125
70601	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	To Be Assigned	S125
70602	CLAS	8/20/16 - 12/10/16	TR	1250 - 1415	To Be Assigned	
70719	CLAS	8/20/16 - 10/14/16	S	0800 - 1430	To Be Assigned	S125
70728	CLAS	8/20/16 - 12/10/16			To Be Assigned	
71350	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	To Be Assigned	S125
71352	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	To Be Assigned	A216
73288	CLAS	8/20/16 - 12/10/16	MW	1330 - 1455	To Be Assigned	SW107
73822	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	To Be Assigned	S125
73823	CLAS	8/20/16 - 12/10/16	TR	1600 - 1725	To Be Assigned	S125
74412	CLAS	8/20/16 - 12/10/16	MW	1505 - 1630	To Be Assigned	EMEC103
74415	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	To Be Assigned	Pico Educational Center
74422	CLAS	8/20/16 - 12/10/16	F	0830 - 1140	To Be Assigned	
74423	CLAS	8/20/16 - 12/10/16	MW	1515 - 1640	Diana Valladares	Pico Educational Center
74434	CLAS	8/20/16 - 12/10/16	MW	1430 - 1555	To Be Assigned	S125
74435	CLAS	8/20/16 - 12/10/16	TR	1430 - 1555	To Be Assigned	S125
74440	CLAS	8/20/16 - 12/10/16	F	1000 - 1310	To Be Assigned	

**COUN 151****Career Exploration and Life Planning**

3 Units

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

Transfers to: UC (credit limit\*), CSU (\*The UC will grant a maximum of 3 units credit for COUN 101, 101A, 101B and 151 combined)

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.

70730	CLAS	8/20/16 - 12/10/16	TR	1250 - 1415	To Be Assigned	S125
70732	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	To Be Assigned	S125
70733	CLAS	8/20/16 - 12/10/16	F	1115 - 1425	To Be Assigned	S125
70734	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	To Be Assigned	
70735	CLAS	8/20/16 - 12/10/16	TR	1730 - 1855	To Be Assigned	
70736	CLAS	8/20/16 - 12/10/16			To Be Assigned	
73260	CLAS	10/15/16 - 12/10/16	S	0800 - 1430	To Be Assigned	S125
73825	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	To Be Assigned	
73826	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	To Be Assigned	
73827	CLAS	8/20/16 - 10/14/16	S	0800 - 1430	To Be Assigned	
74413	CLAS	8/20/16 - 12/10/16	F	0830 - 1140	To Be Assigned	SW107
74414	CLAS	8/20/16 - 12/10/16	TR	1100 - 1225	To Be Assigned	EMEC103
74416	CLAS	8/20/16 - 12/10/16	MW	0830 - 0955	To Be Assigned	Pico Educational Center

### **DANC 114**

#### **Conditioning and Alignment for the Dancer**

1 Unit

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 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.

71082	LAB	8/20/16 - 12/10/16	TR	0805 - 0930	Alyson Cartagena	PE141
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### **DANC 151**

#### **Modern Dance I**

1 Unit

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

Transfers to: UC, CSU

Modern I is a studio course offering the beginning modern dancer an introduction to the fundamental principles of modern dance. This course emphasizes an awareness of breath and gravity, skeletal alignment and core strength and investigates kinesthetic and spatial awareness. Modern dance technique, improvisational exercises, and choreographic phrases provide physical, mental and creative exploration for beginner students, those preparing for transfer, and those seeking careers in dance. This course may be repeated three times for credit.

70700	LAB	8/20/16 - 12/10/16	TR	1115 - 1240	Rachel Lopez	PE141
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### **DANC 153**

#### **Ballet I**

1 Unit

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

Transfers to: UC, CSU

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 repeated three times for credit.

70306	LAB	8/20/16 - 12/10/16	MW	1115 - 1240	Paige Melvin	PE141
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### **DANC 157**

#### **Hip-Hop Dance**

1 Unit

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment

Transfers to: UC, CSU

Students will learn various forms of beginning hip-hop dance, including pop and lock, hip-hop funk, syncopations and rhythms. The class will explore the use of space, energy, rhythm, and improvisation while emphasizing body control, alignment, balance, and use of weight changes. A basic history of hip-hop culture will be discussed. The course appeals to dancers seeking careers in dance, students looking to expand their dance skills, and those wanting an aerobic work-out.

74345 LAB 8/20/16 - 12/10/16 TR 1730 - 1855 Kristina Karmiryan PE141

### **DANC 172**

#### **Dance Repertory**

3 Units

Corequisite: DANC 180

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment; DANC 151; DANC 159; DANC 251

Transfers to: UC, CSU

This course provides dance students the opportunity to rehearse and perform choreographic works based on existing dance repertoire created by well-known and established choreographers, faculty, and/or guest artists. Students will learn how to analyze movement using basic elements of Laban Movement Analysis in preparation for stage. They will also experience different methods of reconstructing existing repertoire and gain knowledge about the historical significance of the repertoire explored. Productions will be presented for public performance either on and/or off campus.

73792 ARR 8/20/16 - 12/10/16 MTWR Alyson Cartagena  
CLAS 8/20/16 - 12/10/16 M 1255 - 1400 Alyson Cartagena PE141

### **DANC 179**

#### **Dance History**

3 Units

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

Transfers to: UC, CSU

This course introduces the forces and figures which have shaped dance through history. Students will study dance forms from ancient to modern times through readings, films, and class discussions with particular focus on Western concert dance. Comparisons of various dance techniques, theories, and personalities who have contributed to the art of dance will also be covered.

74361 WEB 8/20/16 - 12/10/16 Alyson Cartagena

### **DANC 180**

#### **Performance**

1 Unit

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment; DANC 151; DANC 159; DANC 251

Transfers to: UC, CSU

This course provides dance students the opportunity to participate in dance productions. Productions will be presented for public performance either on and/or off campus. Students will learn how to adjust a performance for presentation on a stage, pre-performance and post-performance responsibilities will be outlined. In addition students will be exposed to basic stage direction and techniques for overcoming stage fright. This course may be repeated to a maximum of 4 units in different semesters.

73735 ARR 8/20/16 - 12/10/16 MTWR Rachel Lopez PE141

### **DANC 199**

#### **Dance Appreciation**

3 Units

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.

70748 WEB 8/20/16 - 12/10/16 Alyson Cartagena

### **DANC 253**

#### **Ballet II**

1 Unit

Prerequisite: DANC 153

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

Transfers to: UC, CSU

Ballet II is an intermediate level course designed for students who wish to further develop the technical and performance skills acquired in Ballet I. The class includes more advanced technique work at the barre, across the floor, and in center floor combinations. Complex adagio and allegro dance sequences will also be introduced. Students will have the opportunity to perform in an informal showing or concert setting. This course may be repeated three times for credit.

74405 LAB 8/20/16 - 12/10/16 MW 1115 - 1240 Paige Melvin PE141

### **ECON 101**

#### **Principles of Macroeconomics**

3 Units

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; 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.

70082	WEB	10/3/16 - 12/10/16			Mike Javanmard	
70083	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Mike Javanmard	L506
70084	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Mike Javanmard	L506
70086	WEB	8/20/16 - 12/10/16			Barbara Mikalson	
70089	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Mike Javanmard	L506
70091	WEB	8/20/16 - 12/10/16			Dezzie Prewitt	
74175	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Dezzie Prewitt	A225
74303	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Mike Javanmard	L506
74352	WEB	8/20/16 - 12/10/16			Barbara Mikalson	
74381	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Dezzie Prewitt	A225

### **ECON 101H**

#### **Principles of Macroeconomics Honors**

3 Units

Prerequisite: ENGL 101 with a grade of "C" or better; MATH 070 or MATH 070D or MATH 073 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.

70090 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Mike Javanmard L506

## **ECON 102**

### **Principles of Microeconomics**

3 Units

Prerequisite: MATH 050 or MATH 050D or MATH 053 or appropriate assessment

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

Transfers to: UC, CSU

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.

70098 WEB 10/3/16 - 12/10/16 Mike Javanmard

70099 WEB 10/3/16 - 12/10/16 Mike Javanmard

72769 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 Barbara Mikalson A225

## **ECON 106**

### **Economics of Contemporary Issues**

3 Units

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

Transfers to: UC, CSU

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.

70100 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Barbara Mikalson A225

## **ED 090**

### **Tutorial Skills**

1 Unit

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment

This course provides preparation for successful peer tutoring at the community college level. Instruction will focus upon tutoring principles, techniques, and materials, study skills strategies, communication skills, and learning differences. This course is intended for tutors in the Learning Assistance Center and other peer tutoring programs at Rio Hondo College.

71464 CLAS 8/20/16 - 9/30/16 F 1200 - 1450 Raquel Flores-Olson LR123

## **EDEV 020**

### **Literacy Skills I**

3 Units

This is a beginning course for students with learning differences who have limited reading skills. Students practice learning strategies and techniques needed to encode, decode, and successfully integrate phonics and sight words to become better readers. This is a non-degree credit course and is offered on a pass/no pass basis.

70784 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Bonnilee Kaufman S120

## **EDEV 022**

### **Basic Arithmetic**

3 Units

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.

70991 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Jose Arroyo S120

74373 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 Jose Arroyo

## **EDEV 024**

### **Assessment for Learning Disabilities**

1 Unit

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.

71377 ARR 8/20/16 - 12/10/16 Jose Arroyo SS330

## **EDEV 029**

### **Independent Living Skills**

3 Units

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.

71379 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Patrick Mc Connell

## **EDEV 030**

### **English Skills**

3 Units

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 ENGL 035 or ENGL 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.

71381 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Bonnilee Kaufman S120

## **EDEV 030W**

### **English Skills Workshop**

1 Unit

Corequisite: EDEV 030

This course is a skills class to assist students with learning disabilities in improving writing and language skills through instruction with the Learning Disabilities Specialist. Students will perform writing tasks designed to complement the activities of their composition class. This is a non-degree course and is offered on a credit/no credit basis. Students are required to concurrently enroll in EDEV 030, English Skills.

71382 LAB 8/20/16 - 12/10/16 TR 1115 - 1205 Bonnilee Kaufman S120

## **EDEV 101**

### **College and Life Success (Same as COUN 101)**

3 Units

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

Transfers to: CSU



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.

71482 CLAS 8/20/16 - 12/10/16 F 0900 - 1205 Rose Gaw B109

### **EDEV 134** **Study Techniques**

3 Units

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

Transfers to: CSU

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.

71384 CLAS 8/20/16 - 12/10/16 TR Jose Arroyo S120

### **ELEC 050** **Introduction to the Electrical Industry**

2 Units

Advisory: READ 023 or appropriate assessment

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.

70541 CLAS 8/20/16 - 12/10/16 F 0800 - 0925 David Lindy T101  
LAB 8/20/16 - 12/10/16 F 0935 - 1100 David Lindy T101

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

3 Units

Advisory: READ 023 or appropriate assessment

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.

72279 CLAS 8/20/16 - 12/10/16 W 0800 - 1030 To Be Assigned T101  
LAB 8/20/16 - 12/10/16 W 1035 - 1200 To Be Assigned T101

### **ELEC 101** **D/C Electronic Circuits and Devices**

4 Units

Prerequisite: MATH 030 or MATH 030D or MATH 033 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.

72732 CLAS 8/20/16 - 12/10/16 TR 1800 - 1925 To Be Assigned T157  
LAB 8/20/16 - 12/10/16 TR 1935 - 2100 To Be Assigned T157

### **ELEC 108**

#### **Introduction to Solid State Devices and Circuits**

4 Units

Prerequisite: ELEC 101 and 102

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

Transfers to: CSU

This course is an introduction to solid state devices used in the field of electronics. Emphasis is on the theory of operation, methods of fabrication, physical properties and characteristics of semiconductor devices and circuits. Devices considered are diodes, BJT and FET transistors, special diodes, Thyristors (SCR), IC's (digital and analog), typical applications of each device in amplifier, regulator, oscillator, timer and digital circuits. Students will analyze circuits and solve problems utilizing basic network analysis methods. Laboratory work provides experience with the design and test of basic solid state device circuits including signal tracing and troubleshooting, 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.

74164 CLAS 8/20/16 - 12/10/16 TR 1900 - 2025 William Morton T101  
LAB 8/20/16 - 12/10/16 TR 2035 - 2200 William Morton T101

### **ELEC 240**

#### **Microprocessors and Microcomputing**

4 Units

Prerequisite: ELEC 211

Transfers to: CSU

This course will provide a fundamental knowledge of the general architecture of microcomputers. Emphasis is on the study of organization and structuring of the major hardware and software components of computers which includes, the CPU and some of the I/O devices used to interface the CPU to various peripheral devices. It considers the physical aspects of information transfer and control within a digital computer. Network architecture, communication protocol, as well as micro-programming instruction sets and assembly language programming are also emphasized. Laboratory exercises will focus on construct and deconstruct of a basic computer, along with test and troubleshooting of critical functions. 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.

74307 CLAS 8/20/16 - 12/10/16 TR 1800 - 1925 William Morton T101  
LAB 8/20/16 - 12/10/16 TR 1935 - 2100 William Morton T101

### **EMT 093**

#### **Emergency Medical Technician**

8 Units

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.

74269 CLAS 8/20/16 - 10/14/16 MTWR 0830 - 1000 Scott Jaeggi Santa Fe Springs Training Ctr  
LAB 8/20/16 - 10/14/16 MTWR 1055 - 1200 Scott Jaeggi Santa Fe Springs Training Ctr

74270	CLAS	10/15/16 - 12/10/16	MTWR	0830 - 1000	Scott Jaeggi	Santa Fe Springs Training Ctr
	LAB	10/15/16 - 12/10/16	MTWR	1055 - 1200	Scott Jaeggi	Santa Fe Springs Training Ctr
74280	CLAS	8/20/16 - 10/14/16	MTWR	0830 - 1000	William Keen	Santa Fe Springs Training Ctr
	LAB	8/20/16 - 10/14/16	MTWR	1055 - 1200	Charles Flack	Santa Fe Springs Training Ctr

### **ENGL 030**

#### **Introductory Composition for Developing Writers**

3 Units

Corequisite: ENGL 030W

Advisory: READ 022 or appropriate assessment

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.

71117	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Thomas Callinan	A206
71122	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	James Matthis	A227
71124	CLAS	8/20/16 - 12/10/16	F	0800 - 1110	Sally Olivas	A216
71125	CLAS	8/20/16 - 12/10/16	MW	1420 - 1545	Thomas Callinan	A216
71129	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Terry Steagall	A211
72744	CLAS	8/20/16 - 12/10/16	MW	0900 - 1025	Nay Heng	SW103

### **ENGL 030W**

#### **Writing Workshop**

0.5 Units

Corequisite: ENGL 030

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 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.

71160	LAB	8/20/16 - 12/10/16	W	0940 - 1105	Thomas Callinan	LR124
71477	LAB	8/20/16 - 12/10/16	F	1115 - 1240	Sally Olivas	LR124
72794	LAB	8/20/16 - 12/10/16	T	1115 - 1240	Michael Koger	LR124
72816	LAB	8/20/16 - 12/10/16	W	1555 - 1720	Thomas Callinan	LR124
72818	LAB	8/20/16 - 12/10/16	W	1725 - 1850	Terry Steagall	LR124
72819	LAB	8/20/16 - 12/10/16	W	0730 - 0855	Nay Heng	SW103

### **ENGL 035**

#### **Intermediate Composition for Developing Writers**

3 Units

Prerequisite: ENGL 030 or ENLA 034 with a grade of "Pass" or appropriate assessment

Corequisite: ENGL 035W

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.)

71130	CLAS	8/20/16 - 12/10/16	MW	0630 - 0755	Alonso Garcia	A206
71132	CLAS	8/20/16 - 12/10/16	TR	0630 - 0755	Kenneth Anderson	A218
71133	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Michelle Bean	A216
71135	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Lorraine Jeffrey	A215
71136	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	James Matthis	A211
71139	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Juan Fernandez	LR129
71140	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Cynthia Philpot	A215
71142	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	James Matthis	A214
71144	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	James Matthis	A218
71146	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Theresa Freije	A227
71147	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Juan Fernandez	A211
71148	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Thomas Callinan	A211
71149	CLAS	8/20/16 - 12/10/16	MW	1420 - 1545	Ralph Velazquez	A215
71150	CLAS	8/20/16 - 12/10/16	TR	1420 - 1545	Cynthia Philpot	A206
71152	CLAS	8/20/16 - 12/10/16	M	1545 - 1855	Celestine Candida	A214
71153	CLAS	8/20/16 - 12/10/16	T	1550 - 1900	Thomas Callinan	A227
71154	CLAS	8/20/16 - 12/10/16	MW	1725 - 1850	Alva Balthazar	A218
71156	CLAS	8/20/16 - 12/10/16	TR	1725 - 1850	Ralph Velazquez	A216
71157	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Gerald Ostling	A214
71158	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Gerald Ostling	A214
71162	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Mark Askren	A216
71166	CLAS	8/20/16 - 12/10/16	S	1115 - 1425	David Cowper	A215
71167	WEB	8/20/16 - 12/10/16			Dana Vazquez	
71169	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	James Matthis	A214

## **ENGL 035W**

### **Writing Workshop**

0.5 Units

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.

71161	LAB	8/20/16 - 12/10/16	W	1725 - 1850	Mark Askren	LR124
71168	WEBL	8/20/16 - 12/10/16			Dana Vazquez	
71170	LAB	8/20/16 - 12/10/16	W	0630 - 0755	Awndrea Lassiter	LR124
71175	LAB	8/20/16 - 12/10/16	R	1900 - 2025	Ralph Velazquez	LR124
71478	LAB	8/20/16 - 12/10/16	W	0805 - 0930	Susan Tally	LR124
72282	LAB	8/20/16 - 12/10/16	M	1425 - 1550	Michelle Bean	LR124
72822	LAB	8/20/16 - 12/10/16	R	0630 - 0755	Grace Castruita	LR124
72824	LAB	8/20/16 - 12/10/16	M	1115 - 1240	Henry Leonor	LR124

72825	LAB	8/20/16 - 12/10/16	R	1115 - 1240	Cynthia Philpot	LR124
72826	LAB	8/20/16 - 12/10/16	M	1250 - 1415	Alva Balthazar	LR124
72828	LAB	8/20/16 - 12/10/16	T	1250 - 1415	Marina Markossian	LR124
72829	LAB	8/20/16 - 12/10/16	T	0940 - 1105	Theresa Freije	LR124
72830	LAB	8/20/16 - 12/10/16	M	1425 - 1550	Alva Balthazar	LR124
72831	LAB	8/20/16 - 12/10/16	W	1555 - 1720	Ralph Velazquez	LR124
72832	LAB	8/20/16 - 12/10/16	R	1555 - 1720	Cynthia Philpot	LR124
72833	LAB	8/20/16 - 12/10/16	M	1910 - 2035	Celestine Candida	LR124
72834	LAB	8/20/16 - 12/10/16	T	1910 - 2035	Thomas Callinan	LR124
72835	LAB	8/20/16 - 12/10/16	M	1550 - 1715	Alva Balthazar	LR124
72837	LAB	8/20/16 - 12/10/16	M	1725 - 1850	Gerald Ostling	LR124
72838	LAB	8/20/16 - 12/10/16	T	1725 - 1850	Gerald Ostling	LR124
72840	LAB	8/20/16 - 12/10/16	S	0940 - 1105	David Cowper	LR124
72841	LAB	8/20/16 - 12/10/16	R	0940 - 1105	Lorraine Jeffrey	LR124
72863	LAB	8/20/16 - 12/10/16	R	0805 - 0930	Kenneth Anderson	LR124

## ENGL 101

### College Composition and Research

3.5 Units

Prerequisite: ENGL 035 with a grade of "Pass" or ENLA 100 with an "A" or "B" or appropriate assessment

Transfers to: UC, CSU

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.

71178	CLAS	8/20/16 - 12/10/16	MW	0630 - 0755	Henry Leonor	A218
	LAB	8/20/16 - 12/10/16	M	0805 - 0930	Theresa Freije	LR124
71179	CLAS	8/20/16 - 12/10/16	TR	0630 - 0755	Ilona Missakian	A211
	LAB	8/20/16 - 12/10/16	T	0805 - 0930	Ilona Missakian	LR124
71181	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Theresa Freije	A216
	LAB	8/20/16 - 12/10/16	M	1115 - 1240	Michelle Bean	LR124
71184	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Ilona Missakian	A218
	LAB	8/20/16 - 12/10/16	T	1115 - 1240	Ilona Missakian	LR124
71186	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	James Matthis	A218
	LAB	8/20/16 - 12/10/16	W	1115 - 1240	Dana Vazquez	LR124
71187	CLAS	8/20/16 - 10/14/16	TR	0940 - 1250	Angela Rhodes	A216
	LAB	8/20/16 - 10/14/16	TR	0805 - 0930	Angela Rhodes	LR124
71189	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Jo Ann Springer	A216
	LAB	8/20/16 - 12/10/16	W	0940 - 1105	Jo Ann Springer	LR124
71191	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Henry Leonor	A213
	LAB	8/20/16 - 12/10/16	W	0940 - 1105	Henry Leonor	LR124
71224	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Marina Markossian	A215
	LAB	8/20/16 - 12/10/16	R	1250 - 1415	Juan Fernandez	LR124
71225	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Kenneth Anderson	El Monte Educational Center
	LAB	8/20/16 - 12/10/16	W	0805 - 0930	Kenneth Anderson	El Monte Educational Center

71226	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Theresa Freije	A214
	LAB	8/20/16 - 12/10/16	W	1425 - 1550	Theresa Freije	LR124
71227	CLAS	8/20/16 - 12/10/16	MW	1420 - 1545	Bahareh Alaei	A227
	LAB	8/20/16 - 12/10/16	W	1555 - 1720	Bahareh Alaei	LR124
71228	CLAS	8/20/16 - 12/10/16	TR	1420 - 1545	Michael Koger	A227
	LAB	8/20/16 - 12/10/16	R	1555 - 1720	Michael Koger	LR124
71229	CLAS	8/20/16 - 12/10/16	M	1545 - 1855	Daniel Osman	A213
	LAB	8/20/16 - 12/10/16	M	1410 - 1535	Michelle Nava	LR124
71239	CLAS	8/20/16 - 12/10/16	MW	1100 - 1225	To Be Assigned	Pico Educational Center
	LAB	8/20/16 - 12/10/16	M	1235 - 1325	To Be Assigned	Pico Educational Center
71242	CLAS	8/20/16 - 12/10/16	W	1550 - 1900	Maxine Sweeney	A227
	LAB	8/20/16 - 12/10/16	W	1910 - 2035	Maxine Sweeney	LR124
71243	CLAS	8/20/16 - 12/10/16	R	1545 - 1855	Henry Cascella	LR129
	LAB	8/20/16 - 12/10/16	R	1410 - 1535	Henry Cascella	LR124
71244	CLAS	8/20/16 - 12/10/16	MW	1725 - 1850	Bahareh Alaei	A216
	LAB	8/20/16 - 12/10/16	M	1550 - 1715	Bahareh Alaei	LR124
71245	CLAS	8/20/16 - 12/10/16	TR	1725 - 1850	Edward Ibarra	A211
	LAB	8/20/16 - 12/10/16	T	1550 - 1715	Holly Vance	LR124
71246	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Michelle Nava	A216
	LAB	8/20/16 - 12/10/16	M	1725 - 1850	Michelle Nava	LR124
71247	CLAS	8/20/16 - 12/10/16	T	1545 - 1855	Juan Fernandez	A214
71247	LAB	8/20/16 - 12/10/16	T	1910 - 2035	Holly Vance	LR124
71248	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Edward Ibarra	A206
	LAB	8/20/16 - 12/10/16	W	1725 - 1850	Steven Pokornowski	LR124
71250	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	Gina Bove	A206
	LAB	8/20/16 - 12/10/16	R	1725 - 1850	Joleene Cosentino	LR124
71252	CLAS	8/20/16 - 12/10/16	TR	1420 - 1545	Ralph Velazquez	A216
	LAB	8/20/16 - 12/10/16	T	1250 - 1415	Ralph Velazquez	LR124
71253	CLAS	8/20/16 - 12/10/16	F	1115 - 1425	Henry Cascella	A214
	LAB	8/20/16 - 12/10/16	F	0940 - 1105	Henry Cascella	LR124
71255	CLAS	8/20/16 - 12/10/16	S	0800 - 1110	Samuel Isaac	A213
	LAB	8/20/16 - 12/10/16	S	1120 - 1245	Samuel Isaac	LR124
71257	CLAS	8/20/16 - 12/10/16	TR	1550 - 1715	Amberly Durfield	A215
	LAB	8/20/16 - 12/10/16	T	1415 - 1540	Amberly Durfield	LR124
71281	WEB	8/20/16 - 12/10/16			Lily Isaac	
	WEBL	8/20/16 - 12/10/16			Lily Isaac	
71291	WEB	8/20/16 - 12/10/16			Lily Isaac	
	WEBL	8/20/16 - 12/10/16			Lily Isaac	
71296	CLAS	10/15/16 - 12/10/16	TR	1430 - 1740	Lily Isaac	A200
	LAB	10/15/16 - 12/10/16	TR	1250 - 1415	Lily Isaac	LR124
71298	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Lily Isaac	A213
	LAB	8/20/16 - 12/10/16	T	1115 - 1240	Lily Isaac	LR124
71299	WEB	8/20/16 - 12/10/16			Daniel Osman	
	WEBL	8/20/16 - 12/10/16			Daniel Osman	
71304	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Juan Fernandez	A216
	LAB	8/20/16 - 12/10/16	W	0630 - 0755	Michelle Nava	LR124
71306	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Dana Vazquez	LR129
	LAB	8/20/16 - 12/10/16	T	0940 - 1105	Dana Vazquez	LR124
71394	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Theresa Freije	A202

	LAB	8/20/16 - 12/10/16	R	0940 - 1105	Theresa Freije	LR124
71395	CLAS	8/20/16 - 12/10/16	TR	1300 - 1425	Katrina Jalloh	SW103
	LAB	8/20/16 - 12/10/16	R	1130 - 1255	Katrina Jalloh	SW103
71625	WEB	8/20/16 - 12/10/16			Daniel Osman	
	WEBL	8/20/16 - 12/10/16			Daniel Osman	
74334	WEB	8/20/16 - 12/10/16			Dana Vazquez	
	WEBL	8/20/16 - 12/10/16			Dana Vazquez	
74335	WEB	8/20/16 - 12/10/16			Dana Vazquez	
	WEBL	8/20/16 - 12/10/16			Dana Vazquez	
74357	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Marie Eckstrom	A218
	LAB	8/20/16 - 12/10/16	M	0940 - 1105	Marie Eckstrom	LR124
74358	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Juan Fernandez	A213
	LAB	8/20/16 - 12/10/16	M	1250 - 1415	Juan Fernandez	LR124
74359	CLAS	8/20/16 - 12/10/16	TR	1420 - 1545	Grace Castruita	A211
	LAB	8/20/16 - 12/10/16	T	1555 - 1720	Grace Castruita	LR124
74360	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	David Estrada	A218
74360	LAB	8/20/16 - 12/10/16	T	1725 - 1850	David Estrada	LR124
74369	WEB	8/20/16 - 12/10/16			Lily Isaac	
	WEBL	8/20/16 - 12/10/16			Lily Isaac	
74370	WEB	8/20/16 - 12/10/16			Samuel Isaac	
	WEBL	8/20/16 - 12/10/16			Samuel Isaac	
74451	CLAS	10/15/16 - 12/10/16	MW	1420 - 1730	Christopher Andrews	LR129
	LAB	10/15/16 - 12/10/16	MW	1735 - 1900	Christopher Andrews	LR129
74464	CLAS	10/15/16 - 12/10/16	TR	1545 - 1855	Cynthia Donelan	A213
	LAB	10/15/16 - 12/10/16	TR	1410 - 1535	Cynthia Donelan	LR124

## ENGL 125

### Grammar and Usage

3 Units

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.

72232 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Marie Eckstrom A213

## ENGL 131

### Creative Writing

3 Units

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.

71321 CLAS 8/20/16 - 12/10/16 R 1900 - 2210 Steven Pokornowski A216

## ENGL 201

### Advanced Composition and Critical Thinking

3.5 Units

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.

71323	CLAS	8/20/16 - 12/10/16	TR	0630 - 0755	Awndrea Lassiter	A214
	LAB	8/20/16 - 12/10/16	T	0805 - 0930	Awndrea Lassiter	LR124
71324	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Katrina Jalloh	LR129
	LAB	8/20/16 - 12/10/16	T	0630 - 0755	Katrina Jalloh	LR124
71325	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Jo Ann Springer	A214
	LAB	8/20/16 - 12/10/16	T	0940 - 1105	Lorraine Jeffrey	LR124
71326	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Sally Olivas	A206
	LAB	8/20/16 - 12/10/16	R	1115 - 1240	Sally Olivas	LR124
71327	CLAS	10/15/16 - 12/10/16	TR	0940 - 1250	Angela Rhodes	A216
	LAB	10/15/16 - 12/10/16	TR	0805 - 0930	Angela Rhodes	LR124
71328	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Theresa Freije	A218
	LAB	8/20/16 - 12/10/16	W	1250 - 1415	Steven Pokornowski	LR124
71329	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Lorraine Jeffrey	LR129
	LAB	8/20/16 - 12/10/16	W	1250 - 1415	Lorraine Jeffrey	LR124
71330	CLAS	8/20/16 - 12/10/16	F	1115 - 1425	Edward Ibarra	A215
	LAB	8/20/16 - 12/10/16	F	0940 - 1105	Edward Ibarra	LR124
71331	WEB	8/20/16 - 12/10/16			Angela Rhodes	
	WEBL	8/20/16 - 12/10/16			Angela Rhodes	
71333	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Alonso Garcia	LR129
	LAB	8/20/16 - 12/10/16	M	0940 - 1105	Alonso Garcia	LR124
71335	CLAS	8/20/16 - 12/10/16	M	1550 - 1900	Aileen Acosta-Mata	A215
	LAB	8/20/16 - 12/10/16	M	1910 - 2035	Aileen Acosta-Mata	LR124
71337	CLAS	8/20/16 - 12/10/16	W	1550 - 1900	Aileen Acosta-Mata	A214
	LAB	8/20/16 - 12/10/16	W	1910 - 2035	Aileen Acosta-Mata	LR124
71338	CLAS	8/20/16 - 12/10/16	MW	0630 - 0755	Susan Tally	A214
	LAB	8/20/16 - 12/10/16	M	0805 - 0930	Susan Tally	LR124
71339	CLAS	8/20/16 - 12/10/16	S	0800 - 1110	Dina Szklarek	A211
	LAB	8/20/16 - 12/10/16	S	1115 - 1240	Dina Szklarek	LR124
71340	CLAS	8/20/16 - 12/10/16	T	1545 - 1855	Claire Koehler	LR129
	LAB	8/20/16 - 12/10/16	T	1410 - 1535	Claire Koehler	LR124
71342	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Edward Ibarra	A206
	LAB	8/20/16 - 12/10/16	T	1725 - 1850	Joleene Cosentino	LR124
71343	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	William Curington	A218
	LAB	8/20/16 - 12/10/16	R	1725 - 1850	William Curington	LR124
71344	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	Bruce Kermane	A214
	LAB	8/20/16 - 12/10/16	R	1725 - 1850	Bruce Kermane	LR124



71345	WEB	8/20/16 - 12/10/16			Lorraine Jeffrey	
	WEBL	8/20/16 - 12/10/16			Lorraine Jeffrey	
71346	WEB	8/20/16 - 12/10/16			Angela Rhodes	
	WEBL	8/20/16 - 12/10/16			Angela Rhodes	
71347	WEB	8/20/16 - 12/10/16			Kenneth Pierson	
	WEBL	8/20/16 - 12/10/16			Kenneth Pierson	
71348	WEB	8/20/16 - 12/10/16			Kenneth Pierson	
	WEBL	8/20/16 - 12/10/16			Kenneth Pierson	
71349	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Jo Ann Springer	A227
	LAB	8/20/16 - 12/10/16	M	0940 - 1105	Jo Ann Springer	LR124
72301	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Christopher Andrews	A220
	LAB	8/20/16 - 12/10/16	W	0805 - 0930	Christopher Andrews	LR124

## ENGL 201H

### Advanced Composition and Critical Thinking Honors

3.5 Units

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

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. This Honors section is open to all students who have completed ENGL 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.

71356	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Daniel Osman	A206
	LAB	8/20/16 - 12/10/16	W	1425 - 1550	Daniel Osman	LR124
71357	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Nay Heng	A213
	LAB	8/20/16 - 12/10/16	M	1725 - 1850	Nay Heng	LR124

## ENGT 101

### Introduction to Technical Drawing & Graphics

3 Units

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

Transfers to: CSU

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.

71081	CLAS	8/20/16 - 12/10/16	TR	1115 - 1210	To Be Assigned	S304
	LAB	8/20/16 - 12/10/16	TR	1220 - 1345	To Be Assigned	S304
71083	CLAS	8/20/16 - 12/10/16	MW	1300 - 1400	Gary Halvorson	S304
	LAB	8/20/16 - 12/10/16	MW	1410 - 1535	Gary Halvorson	S304
71086	CLAS	8/20/16 - 12/10/16	MW	1900 - 2010	Farrah Nakatani	S304
	LAB	8/20/16 - 12/10/16	MW	2020 - 2145	Farrah Nakatani	S304
74089	CLAS	8/20/16 - 12/10/16	TR	1800 - 1910	To Be Assigned	S304
	LAB	8/20/16 - 12/10/16	TR	1920 - 2045	To Be Assigned	S304

## ENGT 105

### Architectural and Technical Freehand Sketching

2 Units

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

Transfers to: CSU

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.

71088 CLAS 8/20/16 - 12/10/16 T 1600 - 1725 To Be Assigned S310  
LAB 8/20/16 - 12/10/16 TR 1730 - 1835 To Be Assigned S310

## **ENGT 122**

### **Engineering Design Graphics**

4 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting

Transfers to: UC, CSU

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.

71084 CLAS 8/20/16 - 12/10/16 TR 0800 - 0925 Gary Halvorson S304  
LAB 8/20/16 - 12/10/16 TR 0935 - 1100 Gary Halvorson S304

## **ENGT 131**

### **Engineering and Manufacturing Applications of Technical Drawing**

4 Units

Prerequisite: ENGT 122

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 150 or ENGT 170, or CADD experience

Transfers to: CSU

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.

71085 CLAS 8/20/16 - 12/10/16 MW 1555 - 1720 Gary Halvorson S304  
LAB 8/20/16 - 12/10/16 MW 1730 - 1855 Gary Halvorson S304

## **ENGT 138**

### **Engineering Careers & Applications**

2 Units

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

Transfers to: CSU

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.

72271 CLAS 8/20/16 - 12/10/16 F 0900 - 1025 Sean Hughes S306  
LAB 8/20/16 - 12/10/16 F 1030 - 1155 Sean Hughes S306

### **ENGT 150**

#### **AutoCAD for Basic CADD Applications**

4 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting

Transfers to: CSU

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.

71025 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Gary Halvorson S307  
LAB 8/20/16 - 12/10/16 TR 1245 - 1410 Gary Halvorson S307  
71090 CLAS 8/20/16 - 12/10/16 MW 1800 - 1925 To Be Assigned S306  
LAB 8/20/16 - 12/10/16 MW 1935 - 2100 To Be Assigned S306

### **ENGT 170**

#### **MicroStation for Basic CADD Applications**

4 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 101 or two years of high school drafting

Transfers to: CSU

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.

71026 CLAS 8/20/16 - 12/10/16 MW 0800 - 0925 To Be Assigned S307  
LAB 8/20/16 - 12/10/16 MW 0935 - 1100 To Be Assigned S307  
74090 CLAS 8/20/16 - 12/10/16 S 0800 - 1110 David Martin S305  
LAB 8/20/16 - 12/10/16 S 1140 - 1450 David Martin S305

### **ENGT 265**

#### **Pressure Piping Design**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; ENGT 150 or ENGT 170 or industry experience in CADD applications

Transfers to: CSU

This course is for those students with CADD experience who are interested in the career field of pressure piping design engineering. This course presents the preparation of engineering detail drawings of piping systems for commercial, utilities and industrial plants. Included is information and work dealing with the location, installation, operation, and maintenance of pumps, steam turbines, compressors, tanks, heaters, coolers, cooling towers, condenser, reactors, boilers, chillers, heat exchangers and special equipment.

74093 CLAS 8/20/16 - 12/10/16 TR 1800 - 1900 Robert Velarde S306  
LAB 8/20/16 - 12/10/16 TR 1910 - 2035 Robert Velarde S306

### **ENGT 270**

#### **Solid Works for 3D Modeling and Prototype Applications**

4 Units

Prerequisite: ENGT 122; 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.

71118 CLAS 8/20/16 - 12/10/16 MW 1900 - 2025 Nabil Zaki S307  
LAB 8/20/16 - 12/10/16 MW 2035 - 2200 Nabil Zaki S307

## **ENGT 290**

### **Cooperative Work Experience/Internship for Drafting Related Fields**

1 Unit

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.

72806	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74102	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74103	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned
74104	ARR	8/20/16 - 12/10/16	To Be Assigned
	CLAS	8/20/16 - 12/10/16	To Be Assigned

## **ET 120**

### **Introduction to Alternative Energy Technology (Same as AET 120)**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: CSU

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.

74209 CLAS 8/20/16 - 12/10/16 M 0800 - 1030 David Lindy T101  
LAB 8/20/16 - 12/10/16 M 1035 - 1200 David Lindy T101

### **ET 121**

#### **Photovoltaic Systems Design and Installation (Same as AET 121)**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: CSU

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 designed to prepare the student for the North American Board of Certified Energy Practitioners (NABCEP) Entry Level Exam. This course is intended for students that are contemplating a career in the solar photovoltaic energy industry.

74207 CLAS 8/20/16 - 12/10/16 R 0800 - 1030 David Lindy T101  
LAB 8/20/16 - 12/10/16 R 1035 - 1200 David Lindy T101

### **ET 123**

#### **Wind Energy Systems Design and Installation (Same as AET 123)**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: CSU

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.

74208 CLAS 8/20/16 - 12/10/16 T 0800 - 1030 David Lindy T101  
LAB 8/20/16 - 12/10/16 T 1035 - 1200 David Lindy T101

### **ET 124**

#### **Advanced Wind Energy Systems Design and Installation (Same as AET 124)**

3 Units

Prerequisite: AET/ET 123

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: CSU

This is the second course in the wind energy series that will further examine and implement the design and installation of wind power systems. Students will learn how to interpret the National Electrical Code (NEC) specifics concerning wind power installations. The topics include code compliant wiring of modules, inverters, charge controllers, grounding techniques and related topics. Additional topics include wind site evaluations, electrical load calculations, wind system size calculations, hydraulic fundamentals, basic aerodynamics, and installation techniques for large wind power generation systems. This course is intended for students that are contemplating a career in the wind turbine power generation industry.

74210 CLAS 8/20/16 - 12/10/16 M 1800 - 2030 David Lindy T101  
LAB 8/20/16 - 12/10/16 M 2035 - 2200 David Lindy T101

### **ET 181**

#### **Home Energy Management and Auditing (Same as AET 181)**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C appropriate assessment

Transfers to: CSU

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.

73749 CLAS 8/20/16 - 12/10/16 W 1800 - 2110 David Lindy T101

### **ET 260**

#### **Environmental Sampling and Analysis**

4 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment; BIOL 120; BIOL 120L; CHEM 110

Transfers to: CSU

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.

72757 CLAS 8/20/16 - 12/10/16 S 0800 - 1110 Romeo Ricarte S121

LAB 8/20/16 - 12/10/16 S 1120 - 1430 Romeo Ricarte S129

### **ET 272**

#### **Advanced Wastewater Treatment**

3 Units

Prerequisite: ET 271

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

Transfers to: CSU

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.

74353 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 Jeff Valdes S136

### **ET 273**

#### **Stormwater Management, Treatment and Controls**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

Transfers to: CSU

This course is designed to provide individuals, who are working in or are seeking employment in the industrial stormwater management field, with the skills necessary to manage stormwater activities at industrial sites. Such management activities would include the ability to: write stormwater plans, implement structural and non-structural best management practices, evaluate and design stormwater treatment systems, conduct laboratory testing, understand how to collect stormwater samples, evaluate low impact development methods, and understand the regulatory and political framework of stormwater management. Emphasis will be placed on the following topics: Stormwater chemistry, water treatment, student designed industrial treatment systems, auditing for compliance, monitoring of the industrial effluent, interpretation of laboratory results, and how to apply the data to achieve real reductions in effluent contaminated by industrial pollutants.

74390 CLAS 8/20/16 - 12/10/16 W 1900 - 2210 Jorge Caamano S136

### **ET 274**

## **Industrial Waste Water Treatment**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

Transfers to: CSU

This course is designed to provide individuals, who are working in or seeking employment in the water management field, with the practical aspects of operating and maintaining industrial waste water treatment plants. Emphasis is placed on the following topics: role of the industrial waste water treatment operator, types of industrial waste streams, industrial waste water regulations, sources of wastes and methods for preventing and minimizing wastes at the source, and industrial waste monitoring. The plant operations and maintenance topics that will be highlighted include the following: operating and maintaining flow measure equipment, preliminary treatment processes, physical-chemical treatment processes, pressure and gravity filters, physical treatment processes, treatment of metal waste streams, and safety procedures.

74439 CLAS 8/20/16 - 12/10/16 M 1900 - 2210 Jorge Caamano S136

## **ET 290**

### **Cooperative Work Experience/Internship for Environmental Technology Related Fields**

1 Unit

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 environmental technology 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.

70766 ARR 8/20/16 - 12/10/16 Stephen Katnik

CLAS 8/20/16 - 12/10/16 Stephen Katnik

## **FR 101**

### **French I**

4 Units

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.

71107 CLAS 8/20/16 - 12/10/16 MW 0900 - 1105 James Bowen A204

71108 CLAS 8/20/16 - 12/10/16 TR 1430 - 1635 James Bowen A202

71109 CLAS 8/20/16 - 12/10/16 F 0800 - 1110 Ghada Mouawad A202

WEB 8/20/16 - 12/10/16 Ghada Mouawad

WEBL 8/20/16 - 12/10/16 Ghada Mouawad

72264 WEB 8/20/16 - 12/10/16 Ghada Mouawad

WEBL 8/20/16 - 12/10/16 Ghada Mouawad

## **FR 102**

### **French II**

4 Units

Prerequisite: FR 101

Transfers to: UC, CSU

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.

71110 CLAS 8/20/16 - 12/10/16 TR 1115 - 1320 James Bowen A204

### **FR 201 French III**

4 Units

Prerequisite: FR 102

Transfers to: UC, CSU

This course stresses advanced conversational, reading, writing and translation skills. Emphasis is placed on understanding spoken French as well as on proficiency and accuracy in speaking French. The course will include an introduction to French literature as well as the reading of one novel in French to be determined by the instructor. 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. Various facets of French culture, philosophy, politics, and history will also be explored. 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.

71111 CLAS 8/20/16 - 12/10/16 MW 1115 - 1320 James Bowen A204

### **FTEC 101 Fire Protection Organization**

3 Units

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.

70440	WEB	8/20/16 - 12/10/16				Daniel Coffman
73805	CLAS	8/22/16 - 8/24/16	MW	0630 - 0755	Daniel Coffman	AJ320
		8/29/16 - 8/31/16	MW	0630 - 0755	Daniel Coffman	AJ320
		9/12/16 - 9/14/16	MW	0630 - 0755	Daniel Coffman	AJ320
		9/26/16 - 9/28/16	MW	0630 - 0755	Daniel Coffman	AJ320
		10/3/16 - 10/3/16	M	0630 - 0755	Daniel Coffman	AJ320
		10/24/16 - 10/26/16	MW	0630 - 0755	Daniel Coffman	AJ320
		11/7/16 - 11/9/16	MW	0630 - 0755	Daniel Coffman	AJ320
		11/21/16 - 11/23/16	MW	0630 - 0755	Daniel Coffman	AJ320
		11/28/16 - 11/28/16	M	0630 - 0755	Daniel Coffman	AJ320
	WEB	8/20/16 - 12/10/16				Daniel Coffman
73874	WEB	10/15/16 - 12/10/16				Gerald Wallace
74271	CLAS	8/20/16 - 12/10/16	S	0900 - 1205	Scott Haberle	Santa Fe Springs Training Ctr

### **FTEC 102 Principles of Fire & Emergency Services Safety & Survival**

3 Units

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.

70441	WEB	10/15/16 - 12/10/16			Daniel Coffman	
70461	CLAS	8/22/16 - 8/24/16	MW	0810 - 0930	Daniel Coffman	AJ322
		8/29/16 - 8/31/16	MW	0810 - 0930	Daniel Coffman	AJ322
		9/12/16 - 9/14/16	MW	0810 - 0930	Daniel Coffman	AJ322
		9/26/16 - 9/28/16	MW	0810 - 0930	Daniel Coffman	AJ322
		10/3/16 - 10/3/16	M	0810 - 0930	Daniel Coffman	AJ322
		10/24/16 - 10/26/16	MW	0810 - 0930	Daniel Coffman	AJ322
		11/7/16 - 11/9/16	MW	0810 - 0930	Daniel Coffman	AJ322
		11/21/16 - 11/23/16	MW	0810 - 0930	Daniel Coffman	AJ322
		11/28/16 - 11/28/16	M	0810 - 0930	Daniel Coffman	AJ322
	WEB	8/20/16 - 12/10/16			Daniel Coffman	
72849	WEB	10/15/16 - 12/10/16			Martin Johnson	

### **FTEC 103**

#### **Fire Behavior and Combustion**

3 Units

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.

70450	CLAS	8/20/16 - 12/10/16	W	1800 - 2110	Robert Contreras	Santa Fe Springs Training Ctr
70462	CLAS	8/22/16 - 8/24/16	MW	0940 - 1105	Daniel Coffman	Administration of Justice
70462	CLAS	8/29/16 - 8/31/16	MW	0940 - 1105	Daniel Coffman	Administration of Justice
		9/12/16 - 9/14/16	MW	0940 - 1105	Daniel Coffman	Administration of Justice
		9/26/16 - 9/28/16	MW	0940 - 1105	Daniel Coffman	Administration of Justice
		10/3/16 - 10/3/16	M	0940 - 1105	Daniel Coffman	Administration of Justice
		10/24/16 - 10/26/16	MW	0940 - 1105	Daniel Coffman	Administration of Justice
		11/7/16 - 11/9/16	MW	0940 - 1105	Daniel Coffman	Administration of Justice
		11/21/16 - 11/23/16	MW	0940 - 1105	Daniel Coffman	Administration of Justice
		11/28/16 - 11/28/16	M	0940 - 1105	Daniel Coffman	Administration of Justice
	WEB	8/20/16 - 12/10/16			Daniel Coffman	
74384	WEB	8/20/16 - 12/10/16			Gerald Wallace	

### **FTEC 104**

#### **Fire Prevention Technology**

3 Units

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

Transfers to: CSU

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.

70443	WEB	8/20/16 - 12/10/16			Daniel Coffman	
70451	CLAS	8/20/16 - 12/10/16	R	1800 - 2110	William Murphy	Santa Fe Springs Training Ctr

74246	CLAS	8/22/16 - 8/24/16	MW	1115 - 1240	Daniel Coffman	AJ320
		8/29/16 - 8/31/16	MW	1115 - 1240	Daniel Coffman	AJ320
		9/12/16 - 9/14/16	MW	1115 - 1240	Daniel Coffman	AJ320
		9/26/16 - 9/28/16	MW	1115 - 1240	Daniel Coffman	AJ320
		10/3/16 - 10/3/16	M	1115 - 1240	Daniel Coffman	AJ320
		10/24/16 - 10/26/16	MW	1115 - 1240	Daniel Coffman	AJ320
		11/7/16 - 11/9/16	MW	1115 - 1240	Daniel Coffman	AJ320
		11/21/16 - 11/23/16	MW	1115 - 1240	Daniel Coffman	AJ320
		11/28/16 - 11/28/16	M	1115 - 1240	Daniel Coffman	AJ320
	WEB	8/20/16 - 12/10/16			Daniel Coffman	

## **FTEC 105**

### **Building Construction for Fire Protection**

3 Units

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

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.

70444	WEB	10/15/16 - 12/10/16			Gerald Wallace	
72847	CLAS	8/23/16 - 8/23/16	T	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		9/6/16 - 9/6/16	T	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
72847	CLAS	9/13/16 - 9/13/16	T	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		9/27/16 - 9/27/16	T	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		10/11/16 - 10/11/16	T	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		10/25/16 - 10/25/16	T	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		11/15/16 - 11/15/16	T	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		11/29/16 - 11/29/16	T	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
	WEB	8/20/16 - 12/10/16			Gerald Wallace	

## **FTEC 106**

### **Fire Protection Equipment and Systems**

3 Units

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

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.

70445	WEB	10/15/16 - 12/10/16			Gerald Wallace	
74247	CLAS	8/25/16 - 8/25/16	R	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		9/8/16 - 9/8/16	R	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		9/15/16 - 9/15/16	R	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		9/29/16 - 9/29/16	R	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		10/13/16 - 10/13/16	R	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		10/27/16 - 10/27/16	R	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		11/17/16 - 11/17/16	R	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
		12/1/16 - 12/1/16	R	1800 - 2110	Gerald Wallace	Santa Fe Springs Training Ctr
	WEB	8/20/16 - 12/10/16			Gerald Wallace	

**FTEC 107****Hazardous Materials I**

3 Units

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 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.

73785 WEB 8/20/16 - 12/10/16 Jed Hulsey

**FTEC 112****Fire Apparatus and Equipment**

3 Units

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

Transfers to: CSU

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.

74421 WEB 8/20/16 - 12/10/16 Gerald Wallace

**FTEC 121****Emergency Response**

3 Units

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

Transfers to: CSU

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.

70453 CLAS 8/20/16 - 12/10/16 M 0900 - 1105 David Espley Santa Fe Springs Training Ctr

LAB 8/20/16 - 12/10/16 M 1110 - 1415 David Espley Santa Fe Springs Training Ctr

72848 CLAS 8/20/16 - 12/10/16 F 0900 - 1105 Robert Galvan Santa Fe Springs Training Ctr

LAB 8/20/16 - 12/10/16 F 1110 - 1415 Robert Galvan Santa Fe Springs Training Ctr

**GEOG 101****Introduction to Physical Geography**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: UC, CSU

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.

70783 WEB 8/20/16 - 12/10/16 Aimee Mindes

72200 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Aimee Mindes SW105

**GEOG 101L****Introduction to Physical Geography Laboratory**

1 Unit

Prerequisite/Corequisite: GEOG 101

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: UC, CSU

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.

70791	LAB	8/20/16 - 12/10/16	TR	1115 - 1215	Aimee Mindes	SW105
	WEB	8/20/16 - 12/10/16			Aimee Mindes	
72213	WEBL	8/20/16 - 12/10/16			Aimee Mindes	
72222	WEBL	8/20/16 - 12/10/16			Aimee Mindes	

## **GEOG 102**

### **Introduction to Cultural Geography**

3 Units

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

Transfers to: UC, CSU

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.

72211	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Aimee Mindes	S221
72212	WEB	8/20/16 - 12/10/16			Aimee Mindes	

## **GEOL 150**

### **Physical Geology**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: UC, CSU

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. The direct effect of geology on society and our history, as well as the impact humans are having on our earth system will also be examined.

70793	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Michael Forrest	S221
70794	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Michael Forrest	S221
70795	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Michael Forrest	S221
70797	CLAS	8/20/16 - 12/10/16	TR	1725 - 1850	Michael Forrest	S221
70798	WEB	8/20/16 - 12/10/16			Michael Forrest	

## **GEOL 151**

### **Physical Geology Laboratory**

1 Unit

Prerequisite/Corequisite: GEOL 150

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

Transfers to: UC, CSU

Physical Geology Laboratory engages students with a "hands-on" review of the topics presented in GEOL 150 and an examination of their relevance to everyday life. Laboratory exercises will include (but are not limited to) earthquake hazards, earthquake risk and analysis, the physical properties and identification of minerals, igneous, metamorphic and sedimentary rocks, as well as topographic and geologic map reading. Glacial, coastal, dry land, groundwater, and fluvial, processes and landforms are scrutinized. Several geologic investigations of the hills and the river plain surrounding the campus will also be completed.

70802	LAB	8/20/16 - 12/10/16	M	1250 - 1600	Michael Forrest	S229
70803	LAB	8/20/16 - 12/10/16	T	1250 - 1600	Michael Forrest	S229
73381	LAB	8/20/16 - 12/10/16	R	1900 - 2210	Michael Forrest	S229

## GIS 120

### Introduction to Geographic Information Systems and Spatial Analysis

4 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; CIT 101

Transfers to: UC (credit limit\*), CSU (\*Students will receive credit from UC for only one of the following courses: GIS 120 or GIS 220)

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.

70552	CLAS	8/20/16 - 12/10/16	MW	0800 - 0925	Warren Roberts	S305
	LAB	8/20/16 - 12/10/16	MW	0930 - 1100	Warren Roberts	S305
74117	CLAS	8/20/16 - 12/10/16	TR	1900 - 2025	Angie Saldivar	S305
	LAB	8/20/16 - 12/10/16	TR	2035 - 2200	Angie Saldivar	S305

## GIS 220

### GIS Applications

4 Units

Prerequisite: GIS 120

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; CIT 101

Transfers to: UC (credit limit\*), CSU(\*Students will receive credit from UC for only one of the following courses: GIS 120 or GIS 220)

GIS 220 is designed for students to apply tools learned in GIS120 and introduces geoprocessing methods and new data sets to perform suitability models such as where to locate a new school, or how to determine concentrations of sales, pollutants or crimes within a community. In addition, field work is performed using Global Positioning System (GPS) including development of data dictionary, collection and processing and import into GIS. Additional data import includes CAD and tables. Students are introduced to data delivery including layer and map packages and web mapping. Course may include field trips for student to visit industry meetings and attend off campus GPS exercise.

74445	LAB	8/20/16 - 12/10/16	F	0900 - 1210	Warren Roberts	S305
	WEB	8/20/16 - 12/10/16			Warren Roberts	

## GIS 221

### Cartography Design and Geographic Information Systems

4 Units

Prerequisite: GIS 120

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

Transfers to: CSU

GIS plays an important role in almost any discipline and improves understanding of information through visual interpretation. This course is designed for students who want a better understanding and methods to effectively portray information spatially using conventions of patterns, colors and symbology. Students are introduced to the history of map interpretation, map projections, scales, map accuracy and layout conventions for publication in reports or large formats at emergency operations center. Course may include field trips for student to visit industry meetings and attend off campus GPS exercise.

73311	CLAS	8/20/16 - 12/10/16	TR	1800 - 1925	Warren Roberts	Department of Public Works
	LAB	8/20/16 - 12/10/16	TR	1935 - 2100	Warren Roberts	Department of Public Works

## GIS 230

### Geographic Information Systems (GIS) in Environmental Technology

3 Units

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.

70555 CLAS 8/20/16 - 12/10/16 MW 1900 - 1955 Warren Roberts S305  
LAB 8/20/16 - 12/10/16 MW 2005 - 2130 Warren Roberts S305

## **HET 101**

### **Introduction to Heavy Equipment Technology**

4 Units

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

Transfers to: CSU

This is an introductory course designed to familiarize the student with the basic operation and maintenance of a multitude of systems commonly found on Heavy Equipment machinery. Students will learn the fundamentals of diesel engines, clutches, manual transmissions, torque converters, automatic transmissions, drive lines, steer and drive axles, various brake and hydraulic systems. In addition, the students will learn basic tools and equipment, and how to safely perform basic repairs and maintenance operations. This is the first course in a series of Heavy Equipment Technology classes, and is designed for the student who wants to enter the field of Heavy Equipment Maintenance and Repair.

74460 CLAS 8/20/16 - 12/10/16 MW 0800 - 0925 Marius Dornean T118A  
LAB 8/20/16 - 12/10/16 MW 0935 - 1100 Marius Dornean T118A

## **HET 106**

### **Heavy Equipment Electrical Fundamentals**

4 Units

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

Transfers to: CSU

This introductory course is designed to familiarize the student with the heavy equipment's electrical and electronic systems. Topics covered include fundamentals of electricity, basic circuits, schematics, symbols, diagrams, DVOM, graphing multimeter and oscilloscope usage, wire repair techniques, electrical components, semiconductors (including IC), battery, charging, starting, accessory, and instrumentation systems. Demonstrations using the A-Tech circuit boards will be used to illustrate electrical principles, including strategy-based diagnostics.

74463 CLAS 8/20/16 - 12/10/16 MW 1800 - 1925 Eric Olson T157  
LAB 8/20/16 - 12/10/16 MW 1935 - 2100 Eric Olson T157

## **HET 210**

### **Heavy Equipment Hydraulic Diagnostics**

4 Units

Prerequisite: HET 200

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

Transfers to: CSU

This course is intended to familiarize the students with the heavy equipment's hydraulic and electro-hydraulic systems. Topics include review of hydraulic theory and basic hydraulic system designs and components, hydraulic and electronic components used in electro-hydraulic systems, hydraulic controllers, sensors, actuators, and data communications. In addition, the students will be introduced to the strategy-based diagnostics, with an emphasis on electro-hydraulic controls failures, using hydraulic trainer simulators and live equipment.

74462 CLAS 8/20/16 - 12/10/16 TR 1800 - 1925 Marius Dornean T118A

**HET 230**

**Heavy Equipment Powertrains II**

4 Units

Prerequisite: HET 220

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

Transfers to: CSU

This course is intended to familiarize the students with a wide variety of modern heavy equipment powertrains systems and components. Topics covered include powershift transmissions, torque converters, hydrostatic drive systems, AC electric drive systems, spring-applied hydraulically released brakes, steering, and suspension systems. Component failure analysis will be discussed as part of disassembly, inspection, and reassembly of various transmissions, drives, brakes and steering systems. In addition, proper shop and personal safety, and how to use manufacturer's service specifications information will also be covered.

74461 CLAS 8/20/16 - 12/10/16 MW 1800 - 1925 Marius Dornean T118A

LAB 8/20/16 - 12/10/16 MW 1935 - 2100 Marius Dornean T118A

**HET 290**

**Cooperative Work Experience/Internship for Heavy Equipment Technology Related Fields**

1 Unit

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 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.

73766 ARR 8/20/16 - 12/10/16 To Be Assigned

CLAS 8/20/16 - 12/10/16 To Be Assigned

74127 ARR 8/20/16 - 12/10/16 To Be Assigned

CLAS 8/20/16 - 12/10/16 To Be Assigned

74128 ARR 8/20/16 - 12/10/16 To Be Assigned

CLAS 8/20/16 - 12/10/16 To Be Assigned

74129 ARR 8/20/16 - 12/10/16 To Be Assigned

CLAS 8/20/16 - 12/10/16 To Be Assigned

**HIST 101**

**History of World Civilization to the 17th Century**

3 Units

Advisory: ENGL 030 or ENLA 034 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 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. This course also satisfies a course requirement for the History for Transfer (AA-T) degree.

70103 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Jose Duran A224

70105	CLAS	8/20/16 - 12/10/16	F	0800 - 1110	Jordan Stanton	A224
70106	WEB	8/20/16 - 12/10/16			Jose Duran	
70107	WEB	10/3/16 - 12/10/16			Jose Duran	
74178	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Jordan Stanton	A223
74446	CLAS	8/20/16 - 12/10/16	W	1800 - 2110	Jamahl Melton	El Monte Educational Center

## **HIST 102**

### **History of World Civilization, 1500 to the Present**

3 Units

Advisory: ENGL 030 or ENLA 034 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 and appreciation of both the diversity and the unity of the modern world. This course also satisfies a course requirement for the History for Transfer (AA-T) degree.

70108	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Jose Duran	A223
70109	WEB	8/20/16 - 12/10/16			Jose Duran	

## **HIST 143**

### **History of the United States to 1877**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; 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 also satisfies a requirement for the History for Transfer (AA-T) degree.

70110	CLAS	8/20/16 - 10/14/16	TR	1115 - 1240	Ea Madrigal	L505
	WEB	8/20/16 - 10/14/16			Ea Madrigal	
70111	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Wanda Mullikin	A224
70112	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Abbie Perry	A223
70113	CLAS	8/20/16 - 10/14/16	TR	1250 - 1610	Albert Ocon	A223
70114	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Ea Madrigal	A223
70115	CLAS	8/20/16 - 12/10/16	MW	1425 - 1550	Albert Ocon	A223
70116	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Jack Latson	A224
70117	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	David Hall	A223
70119	CLAS	10/15/16 - 12/10/16	S	0800 - 1430	Jack Latson	A224
70120	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	David Hall	A223
70121	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Adriana Ramirez	A224
72772	CLAS	8/20/16 - 12/10/16	TR	1700 - 1825	David Hall	A223
74287	WEB	10/3/16 - 12/10/16			Abbie Perry	
74350	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Adriana Ramirez	A224

## **HIST 143H**

### **History of the United States to 1877 Honors**

3 Units

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; it fulfills the CSU/UC American Institutions requirement and the American Institutions requirement for the Associate degree and is intended for those who meet Honors Program requirements. This course also satisfies a requirement for the History for Transfer (AA-T) degree.

72195 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Abbie Perry A224

### **HIST 144**

#### **History of the United States Since 1865**

3 Units

Advisory: ENGL 030 or ENLA 034 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: HIST 144 or HIST 144H)

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 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. This course fulfills the American Institutions requirement for the Associate Degree. It is recommended for all History majors and satisfies a course requirement for the History for Transfer (AA-T) degree.

70123	CLAS	10/15/16 - 12/10/16	TR	1250 - 1610	Irma Valdivia	A223
70124	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Abbie Perry	A223
70125	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Jose Duran	A223
70126	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Wanda Mullikin	A223
70127	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Irma Valdivia	A224
70128	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Michael Hole	A223
70129	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Anthony Hillbruner	A224
70130	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	Albert Ocon	A224
70131	CLAS	8/20/16 - 12/10/16	MW	1700 - 1825	Ea Madrigal	A223
73213	CLAS	8/20/16 - 12/10/16	W	1115 - 1240	Abbie Perry	A223
	WEB	8/20/16 - 12/10/16			Abbie Perry	
74180	WEB	10/3/16 - 12/10/16			Irma Valdivia	
74288	CLAS	10/3/16 - 12/10/16			Abbie Perry	
74447	CLAS	8/20/16 - 12/10/16	TR	1300 - 1425	Jack Latson	South Whittier Education Ctr

### **HIST 158**

#### **History of Minorities: African Americans and American Indians**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU

This course is a survey of the role minorities have played in the historical development of the United States from the earliest times to the present, with an emphasis on the twentieth century. The course begins with a study of racism, followed by the history and cultural contributions of the American Indian and the African American. This course fulfills the American Institutions requirement for the Associate Degree. This course is intended for those who desire a better understanding of the history of minorities in the United States. This course also satisfies a course requirement for the AA-T in History for Transfer degree.

70134 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Abbie Perry A224

### **HIST 159**

#### **History of Minorities: Mexican Americans, Asian Americans and American Women**

3 Units

Advisory: ENGL 030 or ENLA 034 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: HIST 159 or HIST 159H)

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. 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. This course is a restricted elective for the History for Transfer (AA-T) degree.

74181 CLAS 8/20/16 - 12/10/16 TR 1250 - 1415 Carmina Quirarte A224

### **HIST 159H**

#### **History of Minorities: Mexican Americans, Asian Americans and American Women Honors**

3 Units

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: HIST 159 or HIST 159H)

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. This course is intended for those wishing to fulfill the American Institutions requirement for the Associate degree and CSU, those who desire a better understanding of the history of minorities in the United States, and those wishing to take the Honors version. This course is a restricted elective for the History for Transfer (AA-T) degree. This course is intended for those who meet Honors Program requirements.

73775 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Jose Duran A224

### **HIST 167**

#### **History of California**

3 Units

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

Transfers to: UC, CSU

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. It also satisfies a course requirement for the History for Transfer (AA-T) degree.

74112 WEB 10/3/16 - 12/10/16 Irma Valdivia

74299 CLAS 8/20/16 - 12/10/16 R 1500 - 1810 Ea Madrigal A224

### **HIST 170**

#### **Women in American History**

3 Units

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

Transfers to: UC, CSU

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. This course satisfies a course requirement for the History for Transfer (AA-T) degree.

70138 CLAS 8/20/16 - 12/10/16 MW 1425 - 1550 Ea Madrigal A224

### **HS 045**

#### **Math for the Health Care Professional**

1 Unit

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 or appropriate assessment

This is a basic course that focuses on mathematical computation and application within the health care setting. Topics covered within this course include drug dosages, calculation of intake and output, weights and measures, temperatures, intravenous infusion rates and conversions necessary for safe employment in the healthcare setting. This course is an elective course for students wanting to pursue a career in the healthcare industry.

74399 CLAS 10/15/16 - 12/10/16 W 1200 - 1405 Kathleen Hannah S210

## **HS 050**

### **Nurse Assistant Pre-Certification Training Course**

4 Units

Corequisite: HS 050L

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

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 72 hours of classroom instruction. 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 and/or long term care settings. The California Department of Health requires that students must be concurrently enrolled in both HS 050 and HS 050L, and pass both courses together. They cannot be taken individually for credit.

74254 CLAS 8/20/16 - 12/10/16 M 0700 - 1115 Angela Cheung L406

8/20/16 - 12/10/16 M 0700 - 1115 Patricia Luna L406

## **HS 050L**

### **Nurse Assistant Pre-Certification Training Course Lab**

2.5 Units

Corequisite: HS 050

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 lab consist of 135 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 and/or long term care settings. The California Department of Health requires that students must be concurrently enrolled in both HS 050 and HS 050L, and pass both courses together. They cannot be taken individually for credit.

74255 LAB 8/20/16 - 12/10/16 W 0700 - 1415 Angela Cheung El Encanto Health Rehab Center

74256 LAB 8/20/16 - 12/10/16 R 0700 - 1415 Patricia Luna El Encanto Health Rehab Center

74257 LAB 8/20/16 - 12/10/16 F 0700 - 1415 Patricia Luna El Encanto Health Rehab Center

## **HS 051**

### **Certified Nurse Assistant Acute Care Training Course**

1.5 Units

Prerequisite: HS 050, HS 050L, and California State CNA Certification

Corequisite: HS 051L

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

This course is designed for students who are Certified Nurse Assistants that wish to learn the basic nursing skills and duties in the acute care setting with additional emphasis on the specialized acute care areas such as medical/surgical, orthopedics, pediatrics and obstetrics. The Certified Nurse Assistant Acute Care course consists of 27 hours classroom instruction. This course includes communication, patient observation, reporting and recording training as well as reinforcement of Certified Nurse Assistant basic-care procedures. The Department of Health Science and Nursing requires that students must be concurrently enrolled in both HS 051 and HS 051L, and pass both courses together. They cannot be taken individually for credit.

74258 CLAS 10/15/16 - 12/10/16 M 1200 - 1525 Patricia Luna L406

## **HS 051L**

### **Certified Nurse Assistant Acute Care Training Course Lab**

1 Unit

Prerequisite: HS 050, HS 050L, and California State CNA Certification

Corequisite: HS 051

This course is designed for students who are Certified Nurse Assistants that wish to learn the basic nursing skills and duties in the acute care setting with additional emphasis on the specialized acute care areas such as medical/surgical, orthopedics, pediatrics and obstetrics. The Certified Nurse Assistant Acute Care course lab consists of 54 hours of supervised clinical practice in an acute care facility. This course includes communication, patient observation, reporting and recording training as well as reinforcement of Certified Nurse Assistant basic-care procedures. The California Department of Health requires that students must be concurrently enrolled in both HS 051 and HS 051L, and pass both courses together. They cannot be taken individually for credit.

74259	LAB	10/15/16 - 12/10/16	W	0700 - 1300	Deborah Stewart	PIH Health Whittier
74266	LAB	10/15/16 - 12/10/16	W	0700 - 1500	Darlene Fields	Whittier Hospital Medical Ctr
74372	CLAS	10/15/16 - 12/10/16	S	0700 - 1345	Darlene Fields	Whittier Hospital Medical Ctr

## **HS 052L**

### **Home Health Aide Training Course Lab**

1 Unit

Prerequisite: HS 050, HS 050L, and California State CNA Certification

Corequisite: HS 052

This course is designed for students who are Certified Nurse Assistants that wish to learn how to provide personal care in the home care setting for those who are unable to do it for themselves and/or promote the recovery, safety and comfort of the patient. Additional emphasis on rehabilitative nursing care, family relationships and the impact of long-term illness on the family as well as the client will be included. The Home Health Aide training course consists of 54 hours supervised clinical practice in either the Acute care or Skilled Nursing Facility. This course meets title 22 regulations for Home Health Aides training programs. The California Department of Health requires that students must be concurrently enrolled in both HS 052 and HS 052L, and pass both courses together. They cannot be taken individually for credit.

74263	LAB	8/20/16 - 10/14/16	F	0700 - 1300	To Be Assigned	
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## **HS 054**

### **Beginning Terminology for Healthcare Workers**

3 Units

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

This course covers the basic knowledge and understanding of medical language, terminology, and basic human anatomy. The student will learn word parts, prefixes, suffixes, word roots and will review the body systems. Anatomical, physiological and pathophysiological terms will also be defined. This is an entry level course for students interested in the health care field and is highly recommended prior to enrolling in any health related course.

74400	CLAS	8/20/16 - 12/10/16	W	1415 - 1730	Patricia Luna	L408
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## **HS 060**

### **Health Science Core**

5 Units

Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

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.

70307	CLAS	8/20/16 - 12/10/16	MW	0800 - 1035	Kathleen Hannah	L408
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## **HUM 110**

### **Survey of Humanities**

3 Units

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

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.

70139	CLAS	8/20/16 - 12/10/16	TR	1250 - 1415	To Be Assigned	A205
70140	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Hector Gonzalez	A205
70142	WEB	8/20/16 - 12/10/16			Hector Gonzalez	
70143	WEB	10/3/16 - 12/10/16			Hector Gonzalez	
72777	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Carmina Quirarte	A205

## **HUM 111**

### **Survey of Humanities**

3 Units

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

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.

70144	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Carmina Quirarte	A205
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## **HUM 125**

### **Introduction to Mexican Culture**

3 Units

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: HUM 125 or HUM 125H)

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.

70146	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	To Be Assigned	A205
70148	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Domingo Rodriguez	A205
70149	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Hector Gonzalez	A205
70150	CLAS	8/20/16 - 12/10/16	MW	1425 - 1550	Martha Carreon	A205
70152	WEB	8/20/16 - 12/10/16			Hector Gonzalez	
70153	WEB	10/3/16 - 12/10/16			Martha Carreon	
74351	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Domingo Rodriguez	El Monte Educational Center

## **HUM 125H**

### **Introduction to Mexican Culture Honors**

3 Units

Prerequisite: ENGL 101 with a "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: HUM 125 or HUM 125H)

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.

### **HUM 130**

#### **Contemporary Mexican-American Culture**

3 Units

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

Transfers to: UC, CSU

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.

70155 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Hector Gonzalez A205

72196 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Hector Gonzalez A205

### **HUSR 111**

#### **Human Services in Contemporary Society**

3 Units

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

Transfers to: CSU

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.

70163 CLAS 8/20/16 - 12/10/16 M 1425 - 1735 Kevin Barman A207

### **HUSR 118**

#### **Chemical Dependency: Intervention, Treatment, and Recovery**

3 Units

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

Transfers to: CSU

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 reformatory 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.

70162 CLAS 8/20/16 - 12/10/16 M 1900 - 2210 Kevin Barman A207

### **HUSR 124**

#### **Introduction to Case Management and Documentation**

3 Units

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

Transfers to: CSU

This course introduces students to case management and documentation in a variety of settings. Students will study the purpose, function, and rationale for case management. In addition, the documentation of client clinical records will be covered, emphasizing the taking of social histories and the writing of treatment plans. The professional guidelines necessary for working with clients in a social services setting will also be covered, providing the student with an understanding of issues related to ethics, client rights, and confidentiality. This class is designed for students interested in working in a social services setting.

74185 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 Kevin Barman A207

### **HUSR 126**

#### **Counseling the Family of the Addicted Person**

3 Units

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

Transfers to: CSU

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.

70164 CLAS 8/20/16 - 12/10/16 W 1900 - 2210 Kevin Barman A207

### **HUSR 199**

#### **Fieldwork in Human Services**

3 Units

Prerequisite: PSY 101 or SOC 101 with a minimum grade of "C" or better, OR consent of instructor

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

Transfers to: CSU

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.

72875 ARR 8/20/16 - 12/10/16 To Be Assigned

CLAS 8/20/16 - 12/10/16 M 1740 - 1845 To Be Assigned A207

### **JAPN 101**

#### **Japanese I**

4 Units

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.

71114 CLAS 8/20/16 - 12/10/16 TR 0645 - 0850 Kieko Hamilton A206

### **KIN 122**

#### **Nutrition for Sport and Fitness**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: CSU

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.

73712 CLAS 8/20/16 - 12/10/16 W 1800 - 1930 Jodi Senk PE103

WEB 8/20/16 - 12/10/16 Jodi Senk

74363 WEB 9/19/16 - 12/10/16 Jodi Senk

### **KIN 126**

#### **Principles of Strength and Conditioning**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: CSU

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.

73713	CLAS	8/20/16 - 12/10/16	M	1945 - 2115	Teddi Esko	PE103
	WEB	8/20/16 - 12/10/16			Jodi Senk	
		8/20/16 - 12/10/16			Teddi Esko	

## **KIN 127**

### **Exercise Physiology**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: CSU

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.

73714	CLAS	8/20/16 - 12/10/16	W	1945 - 2115	Jodi Senk	PE103
	WEB	8/20/16 - 12/10/16			Jodi Senk	

## **KIN 131**

### **Structure and Analysis of Movement**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

Transfers to: CSU

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.

73715	CLAS	8/20/16 - 12/10/16	M	1800 - 1930	Bianca Urquidi	PE103
	WEB	8/20/16 - 12/10/16			Bianca Urquidi	

## **KIN 191**

### **Health: Personal Issues**

3 Units

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: KIN 191, KIN 192, or KIN 196)

This 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.

73716	WEB	8/20/16 - 12/10/16			Bianca Urquidi	
73717	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Armando Ayala	PE103



**KIN 193****Standard First Aid and CPR**

3 Units

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

Transfers to: UC, CSU

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.).

73719	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Armando Ayala	PE103
73720	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Armando Ayala	PE103
74354	CLAS	8/20/16 - 12/10/16	T	1850 - 2200	Armando Ayala	PE103

**KIN 194****Introduction to Kinesiology**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

Transfers to: CSU

This course is designed for those students who are interested in pursuing a career in the field of kinesiology. The philosophy, history, ethical and scientific foundations of kinesiology will be covered. The concepts of basic movement and performance movement in relationship to kinesiology will be examined. Students will explore the sub-disciplines of motor learning, biomechanics, exercise physiology, sport sociology, sport psychology, and sport nutrition. Professional career opportunities in health/fitness, therapeutic exercise, teaching, coaching and sport management will be examined. The challenges for kinesiology, future of kinesiology, sport and health/wellness are also addressed.

73721	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Kathy Pudelko	PE105
74346	CLAS	8/20/16 - 12/10/16	F	0830 - 1140	Steve Johnson	PE105
74364	CLAS	8/20/16 - 12/10/16	TR	1430 - 1555	Jodi Senk	PE105

**KIN 196****Health: Fitness and Wellness**

3 Units

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: KIN 191, KIN 192, or KIN 196)

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.

73722	WEB	8/20/16 - 12/10/16			Armando Ayala	
73724	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Armando Ayala	PE103

**KIN 197****Prevention and Treatment of Athletic Injuries** 3 Units

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

Transfers to: UC, CSU

This course introduces the basic concepts of athletic training, including instruction for prevention, recognition, management and treatment of common injuries in a physically active population. The skills of basic strapping, bracing padding and taping for the prevention and support of injuries will be presented and practiced. This class is recommended for those interested in becoming a Certified Athletic Trainer.

73809	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Russell Muir	PE105
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**KIN 290****Cooperative Work Experience/Internship for Athletic Training Related Fields**

1 Unit

Prerequisite: KIN 197 and a current CPR card

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 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".

**Student Unpaid Internship:**

1 Unit/60 hours; 2 Units/120 hours

**Student Paid Internship:**

1 Unit/75 hours; 2 Units/150 hours

73736	ARR	8/20/16 - 12/10/16	Russell Muir	PE143
	LAB	8/20/16 - 12/10/16	Russell Muir	PE143
74376	ARR	8/1/16 - 12/10/16	Russell Muir	PE143
	LAB	8/1/16 - 12/10/16	Russell Muir	PE143

**KINA 101****Tennis I**

1 Unit

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. The student will also learn how to play doubles and singles matches so that the student can compete on a recreational level.

73668	LAB	8/20/16 - 12/10/16	MW	1115 - 1240	Karen Unger	Tennis Courts
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**KINA 102****Intercollegiate Baseball I**

1 Unit

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)

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 repeated three times for credit.

73669	LAB	8/20/16 - 10/14/16	MW	1115 - 1435	Michael Salazar	Baseball Field
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**KINA 105****Basketball I**

1 Unit

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)

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.

73672	LAB	8/20/16 - 12/10/16	MW	0805 - 0930	Michael Salazar	G100
73802	LAB	8/20/16 - 12/10/16	TR	0805 - 0930	Michael Salazar	G100

**KINA 107****Badminton I**

1 Unit

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)

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.

73811 LAB 8/20/16 - 12/10/16 M 1900 - 2210 Rene Herrera G100

### **KINA 109**

#### **Soccer I**

1 Unit

Advisory: READ 023 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 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.

73673 LAB 8/20/16 - 12/10/16 MW 0805 - 0930 Stephen Smith Soccer Field

73674 LAB 8/20/16 - 12/10/16 TR 1115 - 1240 Michael Hinze Soccer Field

### **KINA 117**

#### **Swimming I**

1 Unit

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)

This course is a beginning class designed to equip students with basic water skills and knowledge in order to make them reasonably safe while in the water. It is suitable for all students interested in basic swimming.

73666 LAB 8/20/16 - 12/10/16 TR 0805 - 0930 Stephen Smith Pool

### **KINA 120**

#### **Swim for Fitness**

1 Unit

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment; KINA 117

Transfers to: UC (credit limit\*), CSU (\*The UC will grant a maximum of 4 units credit for PE activity courses)

This is a swimming/fitness course designed to provide the individual who has beginning swimming skills an opportunity to master the fundamentals of physical fitness as they relate to swimming as an aerobic activity. Emphasis will be placed on aerobic training with some training at the anaerobic threshold and anaerobic levels. This class is suitable for all students interested in swimming as a fitness activity.

73675 LAB 8/20/16 - 12/10/16 MW 0805 - 0930 Michael Hinze Pool

### **KINA 130**

#### **Lifelong Fitness Laboratory**

1 Unit

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

Transfers to: UC (credit limit\*), CSU (\*The UC will grant a maximum of 4 units credit for PE activity courses)

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.

73676 ARR 8/20/16 - 12/10/16 MTWRFS Kathy Pudelko PE150

### **KINA 134 Cardio Boot Camp**

1 Unit

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)  
This course is designed for the student who wishes to improve their cardiovascular and core fitness. The student will learn lifelong skills to improve their health. Workout skills such as core strengthening, cardiovascular fitness, step aerobics and flexibility training will be covered. Instruction in proper diet, heart rate monitoring, skills proficiency and fitness program planning will be provided to each student.

73679 LAB 8/20/16 - 12/10/16 MW 0805 - 0930 Diane Stankevitz PE301

73680 LAB 8/20/16 - 12/10/16 TR 0805 - 0930 Diane Stankevitz PE301

### **KINA 136 Pilates Mat I**

1 Unit

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)  
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.

73681 LAB 8/20/16 - 12/10/16 MW 1730 - 1855 Carol McDowell PE139

74362 LAB 8/20/16 - 12/10/16 MW 1115 - 1240 Alyson Cartagena PE139

### **KINA 139 Cross Training for Fitness**

1 Unit

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)  
This cross-training course is designed for the beginning as well as advanced student who wishes to increase their cardiovascular fitness level through a variety of aerobic and anaerobic activities. It is designed to present the following skills to the student: cycling, running, swimming, interval training and introduction to weight training. Additionally, the student will learn basic definitions and terminology of the current fitness arena, assisting them with life long fitness goals using a variety of cardiovascular mediums.

73683 LAB 8/20/16 - 12/10/16 MW 0940 - 1105 Stephen Smith PE137

73839 LAB 8/20/16 - 12/10/16 TR 0805 - 0930 Michael Hinze PE137

### **KINA 140 Walking for Fitness**

1 Unit

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

73684 LAB 8/20/16 - 12/10/16 MW 0940 - 1105 Karen Unger Track

73685	LAB	8/20/16 - 12/10/16	TR	0805 - 0930	Kathy Pudelko	Track
73812	LAB	8/20/16 - 12/10/16	MW	1255 - 1420	Michael Hinze	Track
74374	LAB	8/20/16 - 12/10/16	TR	0630 - 0755	John Hennigan	Track

### **KINA 147**

#### **Off-Season Conditioning for Intercollegiate Sports**

1 Unit

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)

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 repeated three times for credit.

73686	ARR	8/20/16 - 12/10/16	MW		Bianca Urquidi	Softball Field
73687	LAB	8/20/16 - 12/10/16	TR	1115 - 1240	Michael Salazar	Baseball Field
74402	LAB	8/20/16 - 12/10/16	MW	1250 - 1415	Karen Unger	Tennis Courts

### **KINA 148**

#### **Strength Training**

1 Unit

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)

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.

73688	LAB	8/20/16 - 12/10/16	TR	0940 - 1105	Steve Johnson	PE137
73689	LAB	8/20/16 - 12/10/16	TR	1115 - 1240	Bianca Urquidi	PE137
74348	LAB	8/20/16 - 12/10/16	MW	0630 - 0755	Rene Herrera	PE137
74349	LAB	8/20/16 - 12/10/16	TR	1730 - 1855	John Hennigan	PE137

### **KINA 158**

#### **Yoga I**

1 Unit

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

Transfer to: UC (credit limit\*), CSU (\*The UC will grant a maximum of 4 units credit for PE activity courses)

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).

73690	LAB	8/20/16 - 12/10/16	TR	1730 - 1855	Lisa Jay	PE139
73691	LAB	8/20/16 - 12/10/16	TR	0940 - 1105	Michael Hinze	PE139
73692	LAB	8/20/16 - 12/10/16	TR	1115 - 1240	Jodi Senk	PE139
73814	LAB	8/20/16 - 12/10/16	S	0830 - 1140	Lisa Jay	PE139
74355	LAB	8/20/16 - 12/10/16	F	0830 - 1140	Michael Hinze	PE301
74375	LAB	8/20/16 - 12/10/16	MW	1905 - 2030	Carol McDowell	PE139
74379	LAB	8/20/16 - 12/10/16	TR	0805 - 0930	Rachel Lopez	PE139

### **KINA 159**

#### **Cross Training for Intercollegiate Athletics**

1 Unit

Prerequisite: Participation in Intercollegiate Sports

Advisory: 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 course is designed for any student preparing for intercollegiate athletic competition. This cross-training course is designed for the advanced student-athlete who wishes to increase all aspects of their fitness levels through a variety of strength, flexibility, aerobic and anaerobic activities. The specific physical fitness routines required by the intercollegiate athlete during the off-season will be addressed. 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 repeated three times for credit.

73694	LAB	8/20/16 - 9/23/16	MTWRF	1425 - 1630	Steve Johnson	G100
73695	LAB	8/20/16 - 9/23/16	MTWRF	1640 - 1845	Richard Lowe	G100
74419	LAB	8/20/16 - 12/10/16	TR	1800 - 1925	Todd Lim	Pool

### **KINA 170**

#### **Women's Intercollegiate Basketball Team**

1.5 Units

(Formerly PE 170, PE 8-00A)

Advisory: 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 an advanced course designed for students who will be competing at the collegiate level in the sport of women's basketball. This class is offered for 11 consecutive weeks to run concurrent with the intercollegiate basketball season as determined by the CCCAA governing body. Students will be required to spend a minimum of 7.36 hours a week for 11 weeks preparing for competition with other colleges. This course may be repeated three times for credit.

73697	ARR	9/26/16 - 12/10/16	MTWRF	Steve Johnson	G100
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### **KINA 172**

#### **Women's Intercollegiate Volleyball Team**

3 Units

Advisory: 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 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 10.125 hours a week preparing for competition with other colleges. This course may be repeated three times for credit.

73699	ARR	8/20/16 - 12/10/16	MTWRF	Teddi Esko	G100
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### **KINA 176**

#### **Women's Intercollegiate Soccer Team**

3 Units

Advisory: 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 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 10.125 hours a week preparing for competition with other colleges. This course may be repeated three times for credit.

73702	ARR	8/20/16 - 12/10/16	MTWRF	Jennifer Tanaka-Hoshijo	Soccer Field
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### **KINA 181**

#### **Men's Intercollegiate Basketball Team**

1.5 Units

Advisory: 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 an advanced course designed for students who will be competing at the collegiate level in the sport of men's basketball for pre-season conditioning and play. This class is offered for 11 consecutive weeks to run concurrent with the intercollegiate basketball season as determined by the CCCAA governing body. Students will be required to spend a minimum of 7.36 hours a week for 11 weeks preparing for competition with other colleges. This course may be repeated three times for credit.

73703	ARR	9/26/16 - 12/10/16	MTWRF	Richard Lowe	G100
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**KINA 188****Men's and/or Women's Intercollegiate Water Polo Team**

3 Units

Advisory: 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 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 10.125 hours a week preparing for competition with other colleges. This course may be repeated three times for credit.

73786 ARR 8/20/16 - 12/10/16 MTWRF Todd Lim Pool

74173 ARR 8/20/16 - 12/10/16 MTWRF Stephen Smith Pool

**KINA 189****Men's Intercollegiate Wrestling Team**

3 Units

Advisory: 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 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 10.125 hours a week preparing for competition with other colleges. This course may be repeated three times for credit.

73705 ARR 8/20/16 - 12/10/16 MTWRF Michael Tellez PE301

**KINA 190****Men's Intercollegiate Soccer Team**

3 Units

Advisory: 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 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 10.125 hours a week preparing for competition with other colleges. This course may be repeated three times for credit.

73706 ARR 8/20/16 - 12/10/16 MTWRF Orlando Brenes Soccer Field

**KINA 201****Tennis II**

1 Unit

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment; KINA 101

Transfers to: UC (credit limit\*), CSU (\*The UC will grant a maximum of 4 units credit for PE activity courses)

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.

74403 LAB 8/20/16 - 12/10/16 MW 1250 - 1415 Karen Unger Tennis Courts

**KINA 202****Intercollegiate Baseball II**

1 Unit

Advisory: KINA 102

Transfers to: UC (credit limit\*), CSU (\*The UC will grant a maximum of 4 units credit for PE activity courses)

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 repeated three times for credit.

73707 LAB 10/15/16 - 12/10/16 MW 1115 - 1430 Michael Salazar Baseball Field

**KINA 203****Off Season Softball**

1 Unit

Advisory: KINA 103 Transfers to: UC (credit limit\*), CSU (\*The UC will grant a maximum of 4 units credit for PE activity courses)

This course is designed for the advanced softball student 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 repeated three times for credit.

73708 ARR 8/20/16 - 12/10/16 TR Bianca Urquidi Softball Field

### **KINA 230**

#### **Lifelong Fitness Center II - Cardiovascular Fitness**

1 Unit

Prerequisite: KINA 130 or PE 130

Advisory: ENGL

035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

Transfers to: UC (credit limit\*), CSU (\*The UC will grant a maximum of 4 units credit for PE activity courses)

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.

73710 ARR 8/20/16 - 12/10/16 Kathy Pudelko PE150

### **KINA 258**

#### **Yoga II**

1 Unit

Prerequisite: KINA 158

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

Transfer to: CSU

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, Prasrita 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.

73813 LAB 8/20/16 - 12/10/16 TR 1115 - 1240 Jodi Senk PE139

### **LAND 102**

#### **Introduction to Landscape Architecture & Design**

4 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; ENGT 105

Transfers to: CSU

This introductory course is for students interested in the field of Landscape Architecture or Landscape Design. Fundamental principles and concepts essential to landscape design development will be introduced through lectures, readings, discussions, field trips, and assignments. Natural and human determinants that shape the landscape will be explored in addition to the study of the theory, history, and role of the landscape architecture profession in environmental design.

74092 CLAS 8/20/16 - 12/10/16 MW 1900 - 2025 To Be Assigned S310

LAB 8/20/16 - 12/10/16 MW 2035 - 2200 To Be Assigned S310

### **LIB 101**

#### **Fundamentals of Library Research**

3 Units

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

Transfers to: UC, CSU

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.

71436 VC 8/20/16 - 12/10/16 Carolyn Oldham  
72935 CLAS 8/20/16 - 12/10/16 MW 1425 - 1550 Irene Truong LR224

## **LIT 102**

### **Approaches to Literature**

3 Units

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

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: LIT 102 or LIT 102H)

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.

71358 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Kenneth Pierson Administration  
71359 WEB 8/20/16 - 12/10/16 Michelle Bean  
73215 CLAS 8/20/16 - 12/10/16 W 1900 - 2210 Steven Pokornowski A218

## **LIT 102H**

### **Approaches to Literature Honors**

3 Units

Prerequisite: ENGL 101 with a "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: LIT 102 or LIT 102H)

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.

71360 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Kenneth Pierson Administration

## **LIT 112A**

### **American Literature**

3 Units

Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment

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: LIT 112A or LIT 112AH)

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.

71363 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Jo Ann Springer A211

## **LIT 112AH**

### **American Literature Honors**

3 Units

Prerequisite: ENGL 101 with a grade "C" or better; READ 023 or appropriate assessment

Corequisite: ENGL 101 for new students

Transfers to: UC (credit limit\*), CSU (\*Students will receive credit from UC for only one of the following courses: LIT 112A or LIT 112AH)

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.

71364 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Jo Ann Springer A211

### **LIT 114**

#### **Children's and Adolescent Literature**

3 Units

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

Transfers to: UC, CSU

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.

71366 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Lorraine Jeffrey A211

71369 WEB 8/20/16 - 12/10/16 Michelle Bean

### **LIT 140**

#### **Introduction to the Novel**

3 Units

Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment

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: LIT 140 or LIT 140H)

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.

72240 CLAS 8/20/16 - 12/10/16 TR 1420 - 1545 Alonso Garcia A215

### **LIT 140H**

#### **Introduction to the Novel Honors**

3 Units

Prerequisite: ENGL 101 with a "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: LIT 140 or LIT 140H)

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.

72241 CLAS 8/20/16 - 12/10/16 TR 1420 - 1545 Alonso Garcia A215

**LIT 146A****British Literature**

3 Units

Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment

Advisory: READ 023 or appropriate assessment

Transfers to: UC, CSU

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.

71387 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Marie Eckstrom A211

**LIT 146AH****British Literature Honors**

3 Units

Prerequisite: ENGL 101 with a "C" or better

Advisory: READ 023 or appropriate assessment

Transfers to: UC, CSU

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.

71388 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Marie Eckstrom A211

**LIT 147****Cinema as Literature**

3 Units

Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment

Advisory: READ 023 or appropriate assessment

Transfers to: UC, CSU

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 covered.

71390 WEB 8/20/16 - 12/10/16 Ralph Velazquez

**LIT 149****Introduction to Chicana/Chicano Literature**

3 Units

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

Transfers to: UC, CSU

This course explores a range of Chicana/Chicano literature, with a focus on major texts from 1848 to the present. Course reading and writing assignments explore major cultural themes, including identity issues. Assigned readings may be from a variety of genres including essays, poetry, fiction, oral histories, corridos, and autobiography by writers throughout the Southwest. This course is designed for students interested in exploring various genres of literature, students interested in learning more about Chicana/o cultural expression, and students majoring in Chicano Studies.

72242 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Alonso Garcia A215

**LOG 101****Supply Chain Management**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment; CIT 042

Transfers to: CSU

This course is intended for students seeking a career in logistics or supply chain management. The course presents the tools and techniques for the design and improvement of any supply chain, through the optimal use of information, materials, and technology to improve efficiency and reduce costs. The student will examine the processes for planning, sourcing, making, delivering, and returning products in order to integrate suppliers and customers into an organization's supply chain. The student will receive an overview of career opportunities within the logistics and supply chain management field.

73743 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Jon Whitford B113

74313 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 Jon Whitford B116

## **LOG 105**

### **Purchasing Management**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 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. This course explores the basic purchasing functions including establishing purchasing requirements and quantities, developing purchasing policies and procedures, receiving acceptable goods, arranging for packaging and shipping, managing inventory control, and the integration of the purchasing activities with other business functions.

74169 CLAS 8/20/16 - 12/10/16 R 1900 - 2210 Austin Tingley B118

## **MATH 020**

### **Basic Mathematics**

3 Units

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 percent. 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). Modularized courses in the MSC must be taken sequentially over a maximum period of 24 months. This is a non-degree credit course.

70817 CLAS 8/20/16 - 12/10/16 TR 1600 - 1725 Cameron English S301

70820 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Alan Archambault S225

70822 CLAS 8/20/16 - 12/10/16 MW 1600 - 1725 Alan Archambault S211

70828 CLAS 8/20/16 - 12/10/16 MW 1515 - 1640 Firouzeh Daryoush S329

70830 CLAS 8/20/16 - 12/10/16 TR 1200 - 1325 Subhash Malakar S211

70831 CLAS 8/20/16 - 12/10/16 TR 1605 - 1730 Firouzeh Daryoush S329

## **MATH 020A**

### **Basic Mathematics A**

1 Unit

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.

70843 WEB 8/20/16 - 12/10/16 George Wang S300

73267 WEB 10/15/16 - 12/10/16 George Wang S300

## **MATH 020B**

### **Basic Mathematics B**

1 Unit

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.

71362 WEB 8/20/16 - 12/10/16 George Wang S300  
 73274 WEB 10/15/16 - 12/10/16 George Wang S300

### **MATH 020C**

#### **Basic Mathematics C**

1 Unit

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.

71396 WEB 8/20/16 - 12/10/16 George Wang S300  
 73276 WEB 10/15/16 - 12/10/16 George Wang S300

### **MATH 030**

#### **Prealgebra**

4 Units

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: MATH 030A, 030B, 030C, and 030D in the Math and Science Center (MSC) or online. Modularized courses in the MSC must be taken sequentially over a maximum period of 24 months.

70844	CLAS	8/20/16 - 12/10/16	MW	0940 - 1145	Leah Griffith	S226
70845	CLAS	8/20/16 - 12/10/16	MW	0725 - 0930	Marguerite Tress	S225
70846	CLAS	8/20/16 - 12/10/16	TR	1415 - 1620	Erin Irwin	S203
70847	CLAS	8/20/16 - 12/10/16	MW	0940 - 1145	Gregory Miller	S203
70849	CLAS	8/20/16 - 12/10/16	TR	0805 - 1010	Nguyen Vu	S200
70852	CLAS	8/20/16 - 12/10/16	MW	0805 - 0835	Nguyen Vu	S200
		8/20/16 - 12/10/16	MW	0840 - 1010	Nguyen Vu	S200
70854	CLAS	8/20/16 - 12/10/16	T	1200 - 1405	Leah Griffith	S226
		8/20/16 - 12/10/16	R	1200 - 1405	Leah Griffith	S226
70857	CLAS	8/20/16 - 12/10/16	MW	1200 - 1405	Firouzeh Daryoush	S329
70858	CLAS	8/20/16 - 12/10/16	TR	0725 - 0930	Jose Martinez	S226
70860	CLAS	8/20/16 - 12/10/16	TR	1900 - 2105	Kayvon Sarvi	S200
70862	CLAS	8/20/16 - 12/10/16	MW	1600 - 1805	Jan La Turno	B115
70863	CLAS	8/20/16 - 12/10/16	TR	1625 - 1830	Gregory Miller	S209
70864	CLAS	8/20/16 - 12/10/16	S	0900 - 1320	Johnny Johnson	S225
70865	CLAS	8/20/16 - 12/10/16	MW	1800 - 2005	Ying Choi	SW105
70866	CLAS	8/20/16 - 12/10/16	MW	1300 - 1505	Jan La Turno	B115
70867	CLAS	8/20/16 - 12/10/16	MW	1515 - 1720	Lynn Tran	EM101
74377	CLAS	8/20/16 - 12/10/16	MW	1200 - 1405	Lydia Gonzalez	S203
74378	CLAS	8/20/16 - 10/14/16	MTWR	1045 - 1250	Matthew Pitassi	S301

### **MATH 030A**

#### **Prealgebra A**

1 Unit

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.

71397 WEB 8/20/16 - 12/10/16 Jan La Turno  
72881 WEB 8/20/16 - 12/10/16 George Wang S300  
73314 WEB 10/15/16 - 12/10/16 George Wang S300

**MATH 030B**  
**Prealgebra B**

1 Unit

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.

71413 WEB 8/20/16 - 12/10/16 Jan La Turno  
72882 WEB 8/20/16 - 12/10/16 George Wang S300  
73315 WEB 10/15/16 - 12/10/16 George Wang S300

**MATH 030C**  
**Prealgebra C**

1 Unit

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.

71414 WEB 8/20/16 - 12/10/16 Jan La Turno  
72883 WEB 8/20/16 - 12/10/16 George Wang S300  
73316 WEB 10/15/16 - 12/10/16 George Wang S300

**MATH 030D**  
**Prealgebra D**

1 Unit

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.

71415 WEB 8/20/16 - 12/10/16 Jan La Turno  
72884 WEB 8/20/16 - 12/10/16 George Wang S300  
73317 WEB 10/15/16 - 12/10/16 George Wang S300

**MATH 049**  
**Introduction to MESA**

1 Unit

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

This standalone one-unit course is designed for students entering the Mathematics, Engineering, Science Achievement (MESA) and/or TRIO Student Support Services STEM Program. The course will introduce the student to the Science-Technology-Engineering-Mathematics (STEM) career paths, transfer and graduation requirements, effective STEM study skills, priority and time management, as well as the importance of participating in internships and appropriate extracurricular activities. Students are expected to be concurrently enrolled in at least one mathematics or science course in order to apply skills covered in this course.

73294 CLAS 9/15/16 - 12/8/16 R 1430 - 1545 Gisela Spieler-Persad S330

**MATH 050**  
**Elementary Algebra**

4 Units

Prerequisite: MATH 030 or MATH 030D or MATH 033 with a grade of "C" or better or appropriate assessment

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 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. 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: MATH 050A, 050B, 050C, and 050D in the Math and Science Center (MSC) or online. Modularized courses in the MSC sections must be taken sequentially in the MSC over a maximum period of 24 months.

70869	CLAS	8/20/16 - 12/10/16	MW	0805 - 1035	Lydia Gonzalez	S311
70871	CLAS	8/20/16 - 12/10/16	TR	0800 - 1030	Mark Littrell	SW103
70872	CLAS	8/20/16 - 12/10/16	MW	0805 - 1035	Kryisia Mayer	S303
70873	CLAS	8/20/16 - 12/10/16	TR	0805 - 1035	Robert Botello	S330
70874	CLAS	8/20/16 - 12/10/16	MW	0805 - 1035	Robert Botello	S330
70875	CLAS	8/20/16 - 12/10/16	MTWR	0800 - 0910	Ryan Bronkar	S209
70876	CLAS	8/20/16 - 12/10/16	TR	1900 - 2130	Amtul Chaudry	S211
70878	CLAS	8/20/16 - 12/10/16	TR	1045 - 1315	Robert Botello	S330
70880	CLAS	8/20/16 - 12/10/16	TR	1325 - 1555	Firouzeh Daryoush	S329
70881	CLAS	8/20/16 - 12/10/16	TR	1135 - 1405	Ann Pham	L502
70882	CLAS	8/20/16 - 12/10/16	TR	1115 - 1345	Jose Martinez	Pico Educational Center
70883	CLAS	8/20/16 - 12/10/16	MW	1325 - 1555	Claudia Ramirez	S303
70959	CLAS	8/20/16 - 12/10/16	TR	1325 - 1555	Kryisia Mayer	S303
70961	CLAS	8/20/16 - 10/14/16	MTWR	1325 - 1555	Cameron English	S301
70965	CLAS	8/20/16 - 12/10/16	TR	1245 - 1415	Lynne Graham	L503
70976	CLAS	8/20/16 - 12/10/16	MW	1045 - 1315	Nguyen Vu	S200
70977	CLAS	8/20/16 - 12/10/16	TR	1605 - 1835	Geoffrey McWilliams	S201
70982	CLAS	10/15/16 - 12/10/16	MTWR	1045 - 1315	Matthew Pitassi	S301
70983	CLAS	8/20/16 - 12/10/16	MW	1900 - 2130	Javier Aguiniga	S203
70984	CLAS	8/20/16 - 12/10/16	TR	1900 - 2130	Ziauddin Khwaja	S203
70985	CLAS	8/20/16 - 12/10/16	TR	1605 - 1835	Dimetros Dammerna	S225
70986	CLAS	8/20/16 - 12/10/16	TR	1725 - 1850	Hank Fung	S326
	WEB	8/20/16 - 12/10/16			Hank Fung	
72876	CLAS	8/20/16 - 10/14/16	MTWR	0805 - 1035	Matthew Pitassi	S301
73287	CLAS	8/20/16 - 12/10/16	MW	1045 - 1315	Hoa Ly	EM104

### **MATH 050A** **Elementary Algebra A**

1 Unit

Prerequisite: MATH 030 or MATH 030D or MATH 033 with a grade of "C" or better or appropriate assessment

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 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.

71416	WEB	8/20/16 - 12/10/16		Jan La Turno	
72885	WEB	8/20/16 - 12/10/16		George Wang	S300
73318	WEB	10/15/16 - 12/10/16		George Wang	S300

### **MATH 050B** **Elementary Algebra B**

1 Unit

Prerequisite: MATH 050A with a grade of "C" or better or appropriate assessment

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 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.

71417	WEB	8/20/16 - 12/10/16	Jan La Turno
72886	WEB	8/20/16 - 12/10/16	George Wang S300
73319	WEB	10/15/16 - 12/10/16	George Wang S300

## **MATH 050C**

### **Elementary Algebra C**

1 Unit

Prerequisite: MATH 050B with a grade of "C" or better or appropriate assessment

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 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.

71418	WEB	8/20/16 - 12/10/16	Jan La Turno
72887	WEB	8/20/16 - 12/10/16	George Wang S300
73320	WEB	10/15/16 - 12/10/16	George Wang S300

## **MATH 050D**

### **Elementary Algebra D**

1 Unit

Prerequisite: MATH 050C with a grade of "C" or better or appropriate assessment

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 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.

71419	WEB	8/20/16 - 12/10/16	Jan La Turno
72888	WEB	8/20/16 - 12/10/16	George Wang S300
73321	WEB	10/15/16 - 12/10/16	George Wang S300

## **MATH 060**

### **Geometry**

3 Units

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; READ 023 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	8/20/16 - 12/10/16	TR	0805 - 0930	Jupeí Hsiao	S225
71049	CLAS	8/20/16 - 12/10/16	TR	1700 - 1825	Michael Hattar	S226

## **MATH 070**

### **Intermediate Algebra**

4 Units

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; 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. 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. Modularized courses in the MSC must be taken sequentially over a maximum period of 24 months.

71051	CLAS	8/20/16 - 12/10/16	MT	0930 - 1040	Ryan Bronkar	S209
		8/20/16 - 12/10/16	WR	0930 - 1040	Ryan Bronkar	S209



71054	CLAS	8/20/16 - 12/10/16	TR	1605 - 1835	Kayvon Sarvi	S200
71055	CLAS	8/20/16 - 12/10/16	MW	1325 - 1555	Gerson Montiel	S330
71056	CLAS	8/20/16 - 12/10/16	TR	0805 - 1035	Gary Curtis	B115
71057	CLAS	8/20/16 - 12/10/16	MW	0805 - 1035	Alan Archambault	S211
71078	CLAS	8/20/16 - 12/10/16	MW	1045 - 1315	Ronaldo Mangahas	S326
71079	CLAS	8/20/16 - 12/10/16	MW	1045 - 1315	Marguerite Tress	S211
71200	CLAS	8/20/16 - 12/10/16	MW	1210 - 1440	Jupei Hsiao	B114
71201	CLAS	8/20/16 - 12/10/16	TR	1605 - 1835	Gerson Montiel	S330
71202	CLAS	8/20/16 - 12/10/16	MW	0805 - 1035	Mark Littrell	S326
71203	CLAS	8/20/16 - 12/10/16	TR	1550 - 1715	Hank Fung	S311
	WEB	8/20/16 - 12/10/16			Hank Fung	
71204	CLAS	8/20/16 - 12/10/16	TR	1045 - 1315	Nguyen Vu	S200
71205	CLAS	8/20/16 - 12/10/16	MW	1325 - 1555	Nancy Garcia	L503
71206	CLAS	8/20/16 - 12/10/16	MW	1620 - 1850	Nancy Garcia	L503
71207	CLAS	8/20/16 - 12/10/16	TR	1430 - 1700	Jupei Hsiao	B116
71208	CLAS	8/20/16 - 12/10/16	TR	1900 - 2130	Charles Fogel	S209
71209	CLAS	8/20/16 - 12/10/16	TR	1900 - 2130	Evelyn Chau	S226
71210	CLAS	8/20/16 - 12/10/16	MW	1605 - 1835	Emma Lopez	S326
72293	CLAS	8/20/16 - 12/10/16	TR	0830 - 1100	Jose Martinez	Pico Educational Center
72302	CLAS	8/20/16 - 12/10/16	MW	1325 - 1555	Alan Archambault	S211
73836	CLAS	10/15/16 - 12/10/16	MTWR	1325 - 1555	Cameron English	S301
73847	CLAS	8/20/16 - 12/10/16	MW	0800 - 1030	Hoa Ly	EM101
74382	CLAS	8/20/16 - 12/10/16	TR	1900 - 2025	Hank Fung	S326
	WEB	8/20/16 - 12/10/16			Hank Fung	
74383	CLAS	10/15/16 - 12/10/16	MTWR	0805 - 1035	Matthew Pitassi	S301
74469	CLAS	8/20/16 - 12/10/16	MTR	1500 - 1635	May Sangalang-Ortiz	Warren High School

## MATH 070A

### Intermediate Algebra A

1 Unit

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; 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	WEB	8/20/16 - 12/10/16			Jan La Turno	
72889	WEB	8/20/16 - 12/10/16			George Wang	S300
73322	WEB	10/15/16 - 12/10/16			George Wang	S300

## MATH 070B

### Intermediate Algebra B

1 Unit

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	WEB	8/20/16 - 12/10/16			Jan La Turno	
72890	WEB	8/20/16 - 12/10/16			George Wang	S300

**MATH 070C**  
**Intermediate Algebra C**

1 Unit

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	WEB	8/20/16 - 12/10/16	Jan La Turno
72891	WEB	8/20/16 - 12/10/16	George Wang S300
73324	WEB	10/15/16 - 12/10/16	George Wang S300

**MATH 070D**  
**Intermediate Algebra D**

1 Unit

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.

71423	WEB	8/20/16 - 12/10/16	Jan La Turno
72892	WEB	8/20/16 - 12/10/16	George Wang S300
73325	WEB	10/15/16 - 12/10/16	George Wang S300

**MATH 130**  
**Statistics**

4 Units

Prerequisite: MATH 070 or 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.

71233	CLAS	8/20/16 - 12/10/16	TR	1625 - 1830	Renee Barbour	S211
71236	CLAS	8/20/16 - 12/10/16	MW	1415 - 1620	Gregory Miller	S209
71237	CLAS	8/20/16 - 12/10/16	TR	0725 - 0930	George Wang	S211
71238	CLAS	8/20/16 - 12/10/16	TR	1200 - 1405	Erin Irwin	S203
71240	CLAS	8/20/16 - 12/10/16	M	1625 - 1830	Gregory Miller	S209
		8/20/16 - 12/10/16	W	1625 - 1830	Gregory Miller	S209
71241	CLAS	8/20/16 - 12/10/16	MW	1625 - 1830	Jack Gill	S225
71249	CLAS	8/20/16 - 12/10/16	TR	0940 - 1145	George Wang	S211
71251	CLAS	8/20/16 - 12/10/16	TR	1100 - 1130	Mark Littrell	SW107
		8/20/16 - 12/10/16	TR	1135 - 1305	Mark Littrell	SW107
71254	CLAS	8/20/16 - 12/10/16	MW	1900 - 2105	Jack Gill	S225
71256	WEB	8/20/16 - 12/10/16			Mark Littrell	
72861	CLAS	8/20/16 - 12/10/16	MW	1625 - 1830	Kagba Suaray	S201

73781	CLAS	8/20/16 - 12/10/16	TR	1900 - 2105	Raymundo Esquivel	S225
74385	CLAS	8/20/16 - 12/10/16	TR	1900 - 2105	Geoffrey McWilliams	S201
74386	CLAS	8/20/16 - 12/10/16	TR	0800 - 1005	Subhash Malakar	EM101
74387	CLAS	8/20/16 - 12/10/16	TR	1425 - 1630	Mathew Koutroulis	S333
74388	CLAS	8/20/16 - 12/10/16	MW	1200 - 1405	Kryisia Mayer	S225
74391	CLAS	8/20/16 - 12/10/16	MW	1625 - 1830	Erin Irwin	S226
74392	CLAS	8/20/16 - 12/10/16	MW	1900 - 2105	Evan Skorka	S211

## **MATH 130H**

### **Statistics Honors**

4 Units

Prerequisite: MATH 070 or MATH 070D or MATH 073 with a grade of "C" or better or appropriate assessment; Minimum GPA of 3.0; ENGL 101 with a grade of "C" or better

Advisory: 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. This course is intended for students who meet Honors Program requirements.

73765	CLAS	8/20/16 - 12/10/16	MW	1415 - 1620	Gregory Miller	S209
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## **MATH 140**

### **Mathematics for Elementary Teachers**

4 Units

Prerequisite: MATH 070 or MATH 070D or MATH 073 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: UC, CSU

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.

71290	CLAS	8/20/16 - 12/10/16	TR	0940 - 1145	Leah Griffith	S226
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## **MATH 160**

### **College Algebra**

4 Units

Prerequisite: MATH 070 or MATH 070D or MATH 073 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: UC (credit limit \*), CSU (\*Students will receive credit from UC for only one of the following courses: MATH 160 or MATH 165 or MATH 180)

This course will cover linear, absolute value, quadratic, polynomial, power, radical, rational, 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.

71294	CLAS	8/20/16 - 12/10/16	MW	0940 - 1145	Gerson Montiel	S225
71300	CLAS	8/20/16 - 12/10/16	TR	0940 - 1145	Cameron English	S311
71303	CLAS	8/20/16 - 12/10/16	TR	1425 - 1630	Lynne Graham	L503
71305	CLAS	8/20/16 - 12/10/16	MW	1625 - 1830	Evan Skorka	S203

**MATH 170****Elements of Calculus**

4 Units

Prerequisite: MATH 160 with a grade of "C" or better or appropriate assessment

Advisory: ENGL 101; READ 101

Transfers to: UC (credit limit\*), CSU (\*Students will receive credit from UC for only one of the following courses: MATH 170, MATH 190, or MATH 190H)

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, applications of derivatives and integrals of functions including polynomials, rational, exponential and logarithmic functions, multi-variable derivatives and differential equations.

71308 CLAS 8/20/16 - 12/10/16 MW 1900 - 2105 Victor Gomez S303

**MATH 175****Plane Trigonometry**

3 Units

Prerequisite: MATH 060 and MATH 070 or MATH 070D or MATH 073 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 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 8/20/16 - 12/10/16 MW 1200 - 1405 Robert Botello S209

71315 CLAS 8/20/16 - 12/10/16 TR 1025 - 1230 Lydia Gonzalez L503

**MATH 180****Pre-Calculus**

4 Units

Prerequisite: MATH 175 with a grade of "C" or better or appropriate assessment

Advisory: ENGL 035 or ENLA 100 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 160 or MATH 165 or MATH 180)

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 8/20/16 - 12/10/16 MW 0940 - 1145 Jupei Hsiao S329

71318 CLAS 8/20/16 - 12/10/16 TR 0940 - 1010 Jupei Hsiao S203

8/20/16 - 12/10/16 TR 1015 - 1145 Jupei Hsiao S203

74394 CLAS 8/20/16 - 12/10/16 TR 1415 - 1620 Ann Pham L502

74395 CLAS 8/20/16 - 12/10/16 MW 1900 - 2030 Erin Irwin S226

8/20/16 - 12/10/16 MW 2035 - 2105 Erin Irwin S226

**MATH 190****Calculus I**

4 Units

Prerequisite: MATH 180 with a grade of "C" or better or appropriate assessment

Advisory: ENGL 035 or ENLA 100 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 170, MATH 190 or MATH 190H)

MATH 190 is a semester course 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	8/20/16 - 12/10/16	TR	1020 - 1250	Gregory Miller	S329
71320	CLAS	8/20/16 - 12/10/16	MW	1325 - 1555	Leah Griffith	S311
74396	CLAS	8/20/16 - 12/10/16	TR	1900 - 2130	Gerson Montiel	S330

### **MATH 191** **Calculus II**

4 Units

Prerequisite: MATH 190 or MATH 190H with a grade of "C" or better or appropriate assessment

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

Transfers to: UC, CSU

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.

71334	CLAS	8/20/16 - 12/10/16	TR	0805 - 1035	Alan Archambault	S326
72332	CLAS	8/20/16 - 12/10/16	MW	1325 - 1555	George Wang	S326

### **MATH 250** **Calculus III**

4 Units

Prerequisite: MATH 191 with a grade of "C" or better

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

Transfers to: UC, CSU

This course involves a study of functions of two or more variables using the principles of calculus, vector analysis, and parametric equations. Included is a study of solid regions using partial differentiation, vector analysis, and multiple integration. This course also includes a study of vector calculus topics, such as line and surface integrals, Green's Theorem, Stokes' Theorem, and the Divergence Theorem. This is the third course of the calculus sequence required of engineering, physics, and mathematics majors.

71336	CLAS	8/20/16 - 12/10/16	TR	1045 - 1315	Krysia Mayer	S303
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### **MATH 260** **Linear Algebra**

4 Units

Prerequisite: MATH 191 with a grade of "C" or better

Transfers to: UC, CSU

This course is an introductory study of linear algebra with applications to problems in the physical and social sciences. It includes the solution of systems of linear equations, matrix algebra with inverses, determinants, vectors and vector spaces, linear transformations, Eigenvalues and Eigenvectors, orthogonality and diagonalization. This course is required for Engineering, Physics, Computer Science and Mathematics majors.

71353	CLAS	8/20/16 - 12/10/16	TR	1900 - 1930	Cameron English	S311
		8/20/16 - 12/10/16	TR	1935 - 2105	Cameron English	S311

### **MGMT 101** **Introduction to Business**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 050 or MATH 050D or MATH 053 or appropriate assessment

Transfers to: UC, CSU

This course is designed for the student who has an interest in a career in business. Topics cover business operations, strategies for both, domestic and international markets, economic factor, legal regulations, management, leadership, marketing, financial operations, accounting controls, and e-commerce. This course will count toward a business certificate or degree in business and will transfer to a four-year school.

71041	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	To Be Assigned	B109
71212	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Christine Elam	B105
71214	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Jon Whitford	B105

71273	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Julie Huang	B116
71274	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Julie Huang	B116
71276	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Julie Huang	B116
71289	VC	8/20/16 - 12/10/16			Eugene Blackmun	
71613	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Julie Huang	B115
72225	CLAS	8/20/16 - 12/10/16	F	0800 - 1110	Marc Titel	B105

### **MGMT 105**

#### **Elements of Supervision**

3 Units

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

Transfers to: CSU

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.

71034	WEB	8/20/16 - 12/10/16			Patrick Shield	
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### **MGMT 108**

#### **Business Writing**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MGMT 050

Transfers to: CSU

The 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.

71011	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Kathleen Colquitt	B114
71258	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Gregory Klecker	B109
74332	WEB	8/20/16 - 12/10/16			Kathleen Colquitt	

### **MGMT 120**

#### **Human Relations in Business**

3 Units

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

Transfers to: CSU

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.

71293	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Eugene Blackmun	B105
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### **MGMT 130**

#### **Small Business Management-Entrepreneurship**

3 Units

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

Transfers to: CSU

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.

71000 WEB 8/20/16 - 12/10/16 Julie Huang  
71043 CLAS 8/20/16 - 12/10/16 W 1900 - 2210 Christine Elam B119

### **MGMT 140**

#### **Introduction to International Business**

3 Units

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.

71272 VC 8/20/16 - 12/10/16 Julie Huang

### **MGMT 141**

#### **International Marketing**

3 Units

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.

71277 VC 8/20/16 - 12/10/16 Julie Huang

### **MGMT 144**

#### **International Banking and Finance**

3 Units

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.

71010 VC 8/20/16 - 12/10/16 Kathleen Colquitt

### **MGMT 146**

#### **Human Resources Management**

3 Units

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

Transfers to: CSU

This course is designed for the student who wants 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.

71235 VC 8/20/16 - 12/10/16 Eric Caesar

## **MGMT 150**

### **Principles of Management**

3 Units

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 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.

71295 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Eugene Blackmun B105

71301 VC 8/20/16 - 12/10/16 Patrick Shield

## **MGMT 208**

### **Business Communications**

3 Units

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

Transfers to: CSU

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 satisfies the business communications component for the Associate in Science in Business Administration for Transfer Degree.

73752 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 Gregory Klecker B109

74118 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Kathleen Colquitt B114

74333 WEB 8/20/16 - 12/10/16 Kathleen Colquitt

## **MGMT 290**

### **Cooperative Work Experience/Internship for Business Management Related Fields**

1 Unit

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.

74134 ARR 8/20/16 - 12/10/16 Andrew Feinour B100

CLAS 8/20/16 - 12/10/16 Andrew Feinour B100

74135 ARR 8/20/16 - 12/10/16 Andrew Feinour B100

CLAS 8/20/16 - 12/10/16 Andrew Feinour B100

74136 ARR 8/20/16 - 12/10/16 Andrew Feinour B100

CLAS 8/20/16 - 12/10/16 Andrew Feinour B100



74137 ARR 8/20/16 - 12/10/16 Andrew Feinour B100  
CLAS 8/20/16 - 12/10/16 Andrew Feinour B100

### **MRKT 170**

#### **Elements of Marketing**

3 Units

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

71297 VC 8/20/16 - 12/10/16 Patrick Shield

74326 CLAS 8/20/16 - 12/10/16 T 1800 - 2110 Christine Elam Smart & Final Corporate HQ

### **MRKT 171**

#### **Consumer Behavior**

3 Units

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

Transfers to: CSU

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.

71234 VC 8/20/16 - 12/10/16 Eric Caesar

### **MRKT 173**

#### **Principles of Selling**

3 Units

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

Transfers to: CSU

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.

72228 CLAS 8/20/16 - 12/10/16 M 1900 - 2210 Marc Titel B109

### **MRKT 175**

#### **Retail Management**

3 Units

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

Transfers to: CSU

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.

72227 VC 8/20/16 - 12/10/16 Marc Titel

### **MUS 101**

#### **Fundamentals of Music**

3 Units

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

Transfers to: UC, CSU

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.

70771 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Jannine Livingston M111

70774 CLAS 8/20/16 - 12/10/16 TR 0940 - 1105 Frank Accardo M124

### **MUS 103**

#### **Music Theory I**

3 Units

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

Advisory: READ 023 or appropriate assessment

Transfers to: UC, CSU

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.

70775 CLAS 8/20/16 - 12/10/16 TR 1425 - 1550 Steven Moshier M111

### **MUS 106**

#### **Beginning Musicianship I**

3 Units

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

Advisory: READ 023 or appropriate assessment

Transfers to: UC, CSU

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.

70776 CLAS 8/20/16 - 12/10/16 MW 1515 - 1640 Steven Moshier M111

### **MUS 107**

#### **Beginning Musicianship II**

3 Units

Prerequisite: MUS 106

Advisory: READ 023 or appropriate assessment

Transfers to: UC, CSU

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.

70777 CLAS 8/20/16 - 12/10/16 MW 1515 - 1640 Steven Moshier M111

### **MUS 110**

#### **College Community Orchestra**

1 Unit

Advisory: MUS 101

Transfers to: UC, CSU

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. This course may be taken once and repeated three times for credit.

70778 CLAS 8/20/16 - 12/10/16 M 1800 - 2110 Deborah Carnahan WHS000

### **MUS 116**

#### **Music Ensemble for Diverse Instruments I**

2.5 Units

Transfers to: UC, CSU

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.

70786 CLAS 8/20/16 - 12/10/16 T 0940 - 1105 Steven Moshier M109  
LAB 8/20/16 - 12/10/16 R 0940 - 1145 Steven Moshier M109  
8/20/16 - 12/10/16 T 1110 - 1200 Steven Moshier M109

**MUS 117**  
**Music Ensemble for Diverse Instruments II**

2.5 Units

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.

70787 CLAS 8/20/16 - 12/10/16 T 0940 - 1105 Steven Moshier M109  
LAB 8/20/16 - 12/10/16 R 0940 - 1145 Steven Moshier M109  
8/20/16 - 12/10/16 T 1110 - 1200 Steven Moshier M109

**MUS 119**  
**Advanced College Community Orchestra**

1 Unit

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. This course may be taken once and repeated three times for credit.

70785 CLAS 8/20/16 - 12/10/16 M 1800 - 2110 Deborah Carnahan WHS000

**MUS 120**  
**Concert Choir I**

2 Units

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.

70788 CLAS 8/20/16 - 12/10/16 T 1210 - 1335 Kellori Dower M109  
LAB 8/20/16 - 12/10/16 R 1210 - 1335 Kellori Dower M109

**MUS 130**  
**Music History and Literature Before 1750**

3 Units

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 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.

70800 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Steven Moshier M124

**MUS 132**  
**History of Rock and Roll**

3 Units

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 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.

70801	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Jannine Livingston	M124
70809	CLAS	8/20/16 - 12/10/16	F	1140 - 1450	Jannine Livingston	M124
74411	CLAS	8/20/16 - 12/10/16	W	0900 - 1210	Marci Katznelson	SW108

### **MUS 133** **Music Appreciation**

3 Units

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

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.

70810	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Frank Accardo	M124
70812	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Frank Accardo	M124
72304	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Frank Accardo	M124
73829	CLAS	8/20/16 - 12/10/16	F	0900 - 1210	Marci Katznelson	M109
74458	WEB	8/20/16 - 12/10/16			Kellori Dower	

### **MUS 134** **Chamber Singers**

2 Units

Prerequisite: MUS 120 and audition

Advisory: ENGL 035 or ENLA 100 and appropriate assessment; READ 023 or appropriate assessment  
Transfers to: CSU

This course is designed for students who seek to broaden their understanding of choral literature by performing increasingly 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.

74316	CLAS	8/20/16 - 12/10/16	TR	1405 - 1435	Kellori Dower	M109
	LAB	8/20/16 - 12/10/16	TR	1440 - 1605	Kellori Dower	M109

### **MUS 135** **Music in Film**

3 Units

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 art and craft of film music as practiced by prominent film composers and sound designers. Emphasis will be placed on history and function from 1930 to the present, as well as cultural context. The class is designed for students interested in learning how music influences film.

74311	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Frank Accardo	M109
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### **MUS 136** **History of Jazz**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment  
Transfers to: UC, CSU

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 139**

#### **Advanced Concert Choir**

2 Units

Prerequisite: MUS 220 with a grade of "C" or better

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

Transfers to: UC, CSU

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, contemporary, and classical music.

70790 CLAS 8/20/16 - 12/10/16 T 1210 - 1335 Kellori Dower M109

LAB 8/20/16 - 12/10/16 R 1210 - 1335 Kellori Dower M109

### **MUS 140**

#### **Beginning Voice I**

1.5 Units

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

Transfers to: UC, CSU

This course is designed for students who wish to learn the foundation skills of singing including breath support, posture, intonation, enunciation, and stage presence. Students will prepare songs appropriate for the beginning skill level. No previous musical experience is necessary.

70814 CLAS 8/20/16 - 12/10/16 M 0940 - 1035 Kellori Dower M124

LAB 8/20/16 - 12/10/16 W 0940 - 1105 Kellori Dower M124

### **MUS 142**

#### **Intermediate Voice I**

1.5 Units

Prerequisite: MUS 140 with a grade of "C" or better

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

70819 CLAS 8/20/16 - 12/10/16 M 0940 - 1035 Kellori Dower M109

LAB 8/20/16 - 12/10/16 W 0940 - 1105 Kellori Dower M109

### **MUS 145**

#### **Beginning Piano I**

1.5 Units

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.

70912 CLAS 8/20/16 - 12/10/16 T 1600 - 1655 Jannine Livingston M111

LAB 8/20/16 - 12/10/16 T 1700 - 1825 Jannine Livingston M111

70913 CLAS 8/20/16 - 12/10/16 F 0900 - 0955 Jannine Livingston M111

LAB 8/20/16 - 12/10/16 F 1000 - 1125 Jannine Livingston M111

### **MUS 146**

#### **Beginning Piano II**

1.5 Units

Advisory: READ 023 or appropriate assessment

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.

70914	CLAS	8/20/16 - 12/10/16	T	1600 - 1655	Jannine Livingston	M111
	LAB	8/20/16 - 12/10/16	T	1700 - 1825	Jannine Livingston	M111
70915	CLAS	8/20/16 - 12/10/16	F	0900 - 0955	Jannine Livingston	M111
	LAB	8/20/16 - 12/10/16	F	1000 - 1125	Jannine Livingston	M111

### **MUS 147**

#### **Intermediate Piano I**

1.5 Units

Advisory: READ 023 or appropriate assessment

Prerequisite: MUS 146 with a grade of "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.

70916	CLAS	8/20/16 - 12/10/16	T	1600 - 1655	Jannine Livingston	M111
	LAB	8/20/16 - 12/10/16	T	1700 - 1825	Jannine Livingston	M111
70917	CLAS	8/20/16 - 12/10/16	F	0900 - 0955	Jannine Livingston	M111
	LAB	8/20/16 - 12/10/16	F	1000 - 1125	Jannine Livingston	M111

### **MUS 148**

#### **Intermediate Piano II**

1.5 Units

Advisory: READ 023 or appropriate assessment

Prerequisite: MUS 147 with a grade of "C" or better

Transfers to: UC, CSU

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.

72853	CLAS	8/20/16 - 12/10/16	F	0900 - 0955	Jannine Livingston	M111
	LAB	8/20/16 - 12/10/16	F	1000 - 1125	Jannine Livingston	M111
74366	CLAS	8/20/16 - 12/10/16	T	1600 - 1655	Jannine Livingston	M111
	LAB	8/20/16 - 12/10/16	T	1700 - 1825	Jannine Livingston	M111

### **MUS 150**

#### **Beginning Guitar**

1.5 Units

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 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.

73282	CLAS	8/20/16 - 12/10/16	M	1520 - 1615	Frank Accardo	M109
	LAB	8/20/16 - 12/10/16	M	1620 - 1745	Frank Accardo	M109
73284	CLAS	8/20/16 - 12/10/16	R	1500 - 1555	Frank Accardo	M109
	LAB	8/20/16 - 12/10/16	R	1600 - 1725	Frank Accardo	M109

### **MUS 151**

## **Intermediate Guitar**

1.5 Units

Prerequisite: MUS 150

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

Transfers to: UC, CSU

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.

73285	CLAS	8/20/16 - 12/10/16	M	1620 - 1715	Frank Accardo	M109
	LAB	8/20/16 - 12/10/16	M	1720 - 1845	Frank Accardo	M109
73286	CLAS	8/20/16 - 12/10/16	R	1600 - 1655	Frank Accardo	M109
	LAB	8/20/16 - 12/10/16	R	1700 - 1825	Frank Accardo	M109

## **MUS 156**

### **Intermediate Musicianship I**

3 Units

Prerequisite: MUS 107

Transfers to: UC, CSU

This course is designed for the student who wants to further develop aural skills, sight-reading, sight-singing and rhythmic interpretation skills beyond the beginning level. It is recommended for all instrumentalists, singers and composers.

73351	CLAS	8/20/16 - 12/10/16	MW	1515 - 1640	Steven Moshier	M111
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## **MUS 157**

### **Intermediate Musicianship II**

3 Units

Prerequisite: MUS 156

Transfers to: UC, CSU

This course is designed for the student who wants to further develop aural skills, sight-reading, sight-singing and rhythmic interpretation skills beyond the introductory intermediate level. It is recommended for all instrumentalists, singers and composers.

73352	CLAS	8/20/16 - 12/10/16	MW	1515 - 1640	Steven Moshier	M111
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## **MUS 165**

### **Electronic Music I**

3 Units

Corequisite: MUS 180 Advisory: READ 023 or appropriate assessment

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.

70925	CLAS	8/20/16 - 12/10/16	MW	1200 - 1255	Steven Moshier	LR140
	LAB	8/20/16 - 12/10/16	MW	1300 - 1425	Steven Moshier	LR140

## **MUS 167**

### **Electronic Music II**

3 Units

Prerequisite: MUS 165 with a grade of "C" or better

Advisory: READ 023 or appropriate assessment

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.

70927 CLAS 8/20/16 - 12/10/16 MW 1200 - 1255 Steven Moshier LR140  
LAB 8/20/16 - 12/10/16 MW 1300 - 1425 Steven Moshier LR140

### **MUS 168** **Electronic Music III**

3 Units

Prerequisite: MUS 167

Transfers to: CSU

This course is designed for the advanced electronic music 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. Assignments in the course will include scoring music to stop-time animation and motion picture scenes available on the internet. Advanced notation techniques including full score and individual parts will also be covered.

73656 CLAS 8/20/16 - 12/10/16 MW 1200 - 1255 Steven Moshier LR140  
LAB 8/20/16 - 12/10/16 MW 1300 - 1425 Steven Moshier LR140

### **MUS 180** **Music Laboratory**

1 Units

Corequisite: MUS 165 or 167

Advisory: READ 023 or appropriate assessment

Transfers to: UC, CSU

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

70928 ARR 8/20/16 - 12/10/16 Steven Moshier M112

### **MUS 216**

#### **Advanced Music Ensemble for Diverse Instruments I**

2.5 Units

Prerequisite: MUS 117

Transfers to: UC, CSU

This course is designed for the advanced electric, acoustic instrumental, and vocal students to broaden their abilities to perform in an ensemble. The course 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.

73353 CLAS 8/20/16 - 12/10/16 T 0940 - 1105 Steven Moshier M109  
LAB 8/20/16 - 12/10/16 R 0940 - 1145 Steven Moshier M109  
8/20/16 - 12/10/16 T 1110 - 1200 Steven Moshier M109

### **MUS 217** **Advanced Music Ensemble for Diverse Instruments II**

2.5 Units

Prerequisite: MUS 216

Transfers to: UC, CSU

This course is designed for the advanced electric, acoustic instrumental, and vocal students who want to interpret and perform ensemble repertoire at a professional level. The course 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.

73354 CLAS 8/20/16 - 12/10/16 T 0940 - 1105 Steven Moshier M109  
LAB 8/20/16 - 12/10/16 R 0940 - 1145 Steven Moshier M109  
8/20/16 - 12/10/16 T 1110 - 1200 Steven Moshier M109

### **MUS 220** **Concert Choir II**



2 Units

Prerequisite: MUS 120

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

Transfers to: UC, CSU

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.

73341 CLAS 8/20/16 - 12/10/16 T 1210 - 1335 Kellori Dower M109

LAB 8/20/16 - 12/10/16 R 1210 - 1335 Kellori Dower M109

## **MUS 240**

### **Advanced Voice I**

2 Units

Prerequisite: MUS 142 with a grade of "C" or better

Advisory: READ 023 or appropriate assessment

This course is designed for students 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.

70911 CLAS 8/20/16 - 12/10/16 M 0940 - 1105 Kellori Dower M109

LAB 8/20/16 - 12/10/16 W 0940 - 1105 Kellori Dower M109

## **MUS 245**

### **Advanced Piano**

2 Units

Prerequisite: MUS 148 with a grade of "C" or better

Transfers to: 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.

70919 CLAS 8/20/16 - 12/10/16 T 1600 - 1725 Jannine Livingston M111

LAB 8/20/16 - 12/10/16 T 1730 - 1855 Jannine Livingston M111

## **MUS 251**

### **Advanced Guitar I**

2 Units

Prerequisite: MUS 151 with a grade of "C" or better

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

Transfers to: 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.

70924 CLAS 8/20/16 - 12/10/16 R 1630 - 1755 Frank Accardo M109

LAB 8/20/16 - 12/10/16 R 1800 - 1925 Frank Accardo M109

## **MUS 252**

### **Advanced Guitar II**

2 Units

Prerequisite: MUS 251

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

Transfers to: UC, CSU

This advanced level course is designed for students who wish to improve their technique and skills by performing more difficult works. It is essentially a continuation of MUS 251, Advanced Guitar I. The scales, chord progressions, pieces and etudes assigned will be selected to advance the student's technique, and repertoire from various periods and styles.

73662 CLAS 8/20/16 - 12/10/16 R 1630 - 1755 Frank Accardo M109

**NBAS 010**

**College Refresher Math/Individual Study**

0 Credit

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.

72260 ARR 8/20/16 - 12/10/16 George Wang S300

**NCHS 001**

**Health and Fitness**

0 Unit

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.

70757 ARR 8/20/16 - 12/10/16 Kathy Pudelko PE150

**NCOA 001**

**Painting for Older Adults**

0 Unit

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.

71523	CLAS	8/20/16 - 12/10/16	M	1400 - 1630	Leslie Gardner-Lemus	Gus Velasco Neighborhood Ctr
72914	CLAS	8/20/16 - 12/10/16	F	1400 - 1600	Leslie Gardner-Lemus	B110
73762	CLAS	8/20/16 - 12/10/16	T	1300 - 1530	Leslie Gardner-Lemus	San Gabriel Valley Service Ctr
73763	CLAS	8/20/16 - 12/10/16	W	1530 - 1800	Leslie Gardner-Lemus	La Mirada Activity Center
74453	CLAS	8/20/16 - 12/10/16	W	1300 - 1600	Javier Valenzuela	Mayberry Park

**NCOA 008**

**Computers Unlimited for Older Adults**

0 Unit

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.

73328 CLAS 8/20/16 - 12/10/16 M 1800 - 1905 Clayton Johnson EMEC102

**NCOA 010**

**Hatha Yoga for Older Adults**

0 Unit

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.

71512	CLAS	8/20/16 - 12/10/16	T	1130 - 1230	Dolly Lai	La Mirada Activity Center
71513	CLAS	8/20/16 - 12/10/16	M	0900 - 1000	Trissia Baughman	Adventure Park

**NCOA 012**

**Physical Fitness for the Older Adult**

0 Unit

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.

71515	CLAS	8/20/16 - 12/10/16	TR	0930 - 1045	Patricia Usary	Posada Retirement Community
71517	CLAS	8/20/16 - 12/10/16	F	0930 - 1030	Patricia Usary	Sorensen Park
71519	CLAS	8/20/16 - 12/10/16	T	1630 - 1730	Patricia Usary	Whittier Mobile Country Club
74297	CLAS	8/20/16 - 12/10/16	TR	1730 - 1830	Cecilia Reardon	San Gabriel Valley Service Ctr

### **NESL 035**

#### **ESL Multi-Level**

0 Unit

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.

71485	CLAS	8/20/16 - 12/10/16	TR	0830 - 1100	Shahnaz Alaei	Mulberry Elementary School
71486	CLAS	8/20/16 - 12/10/16	MW	0900 - 1130	Eugene Olea	Community Resource Center
71488	CLAS	8/20/16 - 12/10/16	TR	1800 - 2000	Michele Rainis	Pioneer High School
71490	CLAS	8/20/16 - 12/10/16	MW	1800 - 2000	Eugene Olea	Mayberry Park
71539	CLAS	8/20/16 - 12/10/16	S	0900 - 1200	Shahnaz Alaei	
71540	CLAS	8/20/16 - 12/10/16	TR	0830 - 1030	Caroline Wu	Maxson School
73086	CLAS	8/20/16 - 12/10/16	TR	1830 - 2030	Shahnaz Alaei	EMEC104
73250	CLAS	8/20/16 - 12/10/16	F	0830 - 1200	Susan Ikeda	EMEC102
74189	CLAS	8/20/16 - 12/10/16	MW	1000 - 1145	Alejandro Lopez	Los Nietos Middle School

### **NHSL 030**

#### **Nursing Skills Lab**

0 Unit

This course complements the HS, ADN and VN lecture courses and is designed to provide an additional opportunity for students to practice skills covered in their co-requisite courses. These instructional activities are not available in the regular lecture/lab course and are not required for the grade in the co-requisite course.

74267	ARR	8/20/16 - 12/10/16		0800 - 1630	Pam Boyd	
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### **NVOC 018**

#### **ACEDD-GIS Skills Development**

0 Unit

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 work place productivity. These instructional activities are not available in the regular lecture / lab course and are not required for the grade in the corequisite course.

72337	ARR	8/20/16 - 12/10/16			Caesar Hernandez	
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### **NVOC 039**

#### **Real Estate Finance**

0 Unit

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.

74454	CLAS	8/20/16 - 12/10/16	T	1900 - 2200	Jaime Carranza	
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### **NVOC 040**

#### **Real Estate Principles**

0 Unit

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.

74455 CLAS 8/20/16 - 12/10/16 M 1900 - 2201 Jaime Carranza

### **NVOC 140**

#### **Civil Drafting Fundamentals**

0 Unit

This course is for all students interested in the career field of Civil Design Drafting and Civil Engineering. The course is 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.

73759 CLAS 8/20/16 - 12/10/16 TR 1430 - 1530 Sean Hughes S306

LAB 8/20/16 - 12/10/16 TR 1535 - 1740 Sean Hughes S306

### **NVOC 150**

#### **AutoCAD for Basic CADD Applications**

0 Unit

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.

72262 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Gary Halvorson S307

LAB 8/20/16 - 12/10/16 TR 1245 - 1410 Gary Halvorson S307

72267 CLAS 8/20/16 - 12/10/16 MW 1800 - 1925 To Be Assigned S306

72267 LAB 8/20/16 - 12/10/16 MW 1935 - 2100 To Be Assigned S306

### **NVOC 170**

#### **MicroStation for Basic CADD Applications**

0 Unit

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.

72263 CLAS 8/20/16 - 12/10/16 MW 0800 - 0925 To Be Assigned S307

LAB 8/20/16 - 12/10/16 MW 0935 - 1100 To Be Assigned S307

74091 CLAS 8/20/16 - 12/10/16 S 0800 - 1110 David Martin S305

LAB 8/20/16 - 12/10/16 S 1140 - 1450 David Martin S305

### **NVOC 260**

#### **Advanced Architecture Using Revit and 3D Software**

0 Unit

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.

72261 CLAS 8/20/16 - 12/10/16 TR 1800 - 1925 Carl Walls S307  
LAB 8/20/16 - 12/10/16 TR 1935 - 2100 Carl Walls S307

### **NVOC 261**

#### **Revit for Advanced BIM Architectural, Structural and MEP Applications**

0 Unit

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.

74088 CLAS 8/20/16 - 12/10/16 TR 1900 - 2025 Carl Walls S307  
LAB 8/20/16 - 12/10/16 TR 2035 - 2200 Carl Walls S307

### **NVOC 265**

#### **Pressure Piping Design**

0 Unit

This course is for those students with CAD experience who are interested in the career field of pressure piping design engineering. This course presents the preparation of engineering detail drawings of piping systems for commercial, utilities and industrial plants. Included is information and work dealing with the location, installation, operation, and maintenance of pumps, steam turbines, compressors, tanks, heaters, coolers, cooling towers, condenser, reactors, boilers, chillers, heat exchangers and special equipment.

74094 CLAS 8/20/16 - 12/10/16 TR 1800 - 1900 Robert Velarde S306  
LAB 8/20/16 - 12/10/16 TR 1910 - 2035 Robert Velarde S306

### **NVOC 270**

#### **SolidWorks for 3D Modeling and Prototype Applications**

0 Unit

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.

72269 CLAS 8/20/16 - 12/10/16 MW 1900 - 2025 Nabil Zaki S307  
LAB 8/20/16 - 12/10/16 MW 2035 - 2200 Nabil Zaki S307

### **PAC 043**

#### **Advanced Officers Course**

0.148 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; PAC 040 or PAC 075B,075C

This course is designed for upgrading currently employed law enforcement personnel. The curriculum follows that recommended by the Commission of Peace Officer Standards and Training. The course is designed to keep peace officers informed of new laws, recent court decisions, current enforcement procedures, new concepts in law enforcement, technology, community relations and other refresher training as may be necessary. This description applies to all PAC 043 series courses.

74466 CLAS 10/3/16 - 10/3/16 M 0800 - 1600 Robert Reid AJ204

**PAC 071****Public Safety Dispatcher Basic Course**

6 Units

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.

74450	CLAS	8/23/16 - 11/5/16		George Kimber	AJ204
	LAB	8/23/16 - 11/5/16		George Kimber	AJ204

**PAC 4314****Field Training Officer Course**

0.444 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; PAC 040

This course is designed to teach a Police Officer how to train new recruits. This course includes training principles, civil liability, ethics and integrity, performance goals, principles of instruction, and role model.

74448	CLAS	9/12/16 - 9/15/16	MTWR	0800 - 1600	George Kimber	AJ204
	LAB	9/16/16 - 9/16/16	F	0800 - 1600	George Kimber	AJ204
74449	CLAS	9/26/16 - 9/28/16		0800 - 1600	George Kimber	AJ204
	LAB	9/26/16 - 9/28/16		0800 - 1600	George Kimber	AJ204
74465	CLAS	11/28/16 - 11/30/16	MTW	0800 - 1600	George Kimber	AJ204
	LAB	12/1/16 - 12/2/16	RF	0800 - 1600	George Kimber	AJ204

**PHIL 101****Introduction to Philosophy**

3 Units

Advisory: ENGL 101 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC, CSU

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.

70165	CLAS	10/15/16 - 12/10/16	W	1800 - 2110	Scott Dixon	PE105
	WEB	10/15/16 - 12/10/16			Scott Dixon	
70166	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Theodore Preston	A207
70167	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Mark Deering	A207
70168	CLAS	10/15/16 - 12/10/16	TR	0940 - 1105	Theodore Preston	A207
	WEB	10/15/16 - 12/10/16			Theodore Preston	
70172	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Phildon Huffaker	A207
70180	CLAS	8/20/16 - 10/28/16			Scott Dixon	
70182	CLAS	8/20/16 - 12/10/16	MW	1505 - 1630	Phildon Huffaker	El Monte Educational Center
70617	CLAS	8/20/16 - 10/28/16			Scott Dixon	
74291	WEB	8/20/16 - 12/10/16			Theodore Preston	
74295	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Theodore Preston	A207

**PHIL 110****Critical Thinking**

3 Units

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.

74182	CLAS	8/20/16 - 10/14/16	F	0800 - 1110	Scott Dixon	South Whittier Education Ctr
	WEB	8/20/16 - 10/14/16			Scott Dixon	
74306	CLAS	8/20/16 - 10/14/16	MW	1445 - 1620	Scott Dixon	PE105
	WEB	8/20/16 - 10/14/16			Scott Dixon	

## **PHIL 112**

### **Introduction to Logic**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 or appropriate assessment; MATH 030 or MATH 030D or MATH 033 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.

70183	CLAS	10/15/16 - 12/10/16	TR	1800 - 2120	Scott Dixon	PE105
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## **PHIL 120**

### **Introduction to Ethics**

3 Units

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.

70185	WEB	10/3/16 - 12/10/16			Theodore Preston	
73218	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Phildon Huffaker	A207
73849	WEB	10/3/16 - 12/10/16			Theodore Preston	

## **PHIL 126**

### **History of Philosophy: Modern**

3 Units

Advisory: ENGL 101 or appropriate assessment; READ 023 or appropriate assessment

Transfers to: UC, CSU

This introductory level course is intended for all students interested in the Modern period of Western Philosophy (16th through 18th Century). We emphasize broad epistemological and metaphysical developments through close analysis of primary texts. Philosophers to be studied will include Descartes and other Rationalists, Hume and other Empiricists, and Kant.

73803	CLAS	8/20/16 - 10/14/16	MW	1115 - 1435	Scott Dixon	PE105
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## **PHIL 140**

### **Philosophy of Religion**

3 Units

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.

74184 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 Theodore Preston A207

### **PHTO 185**

#### **Introduction to Digital Photography**

3 Units

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.

70931	CLAS	8/20/16 - 12/10/16	F	0800 - 1000	Chris Acuna-Hansen	LR116
	LAB	8/20/16 - 12/10/16	F	1010 - 1425	Chris Acuna-Hansen	LR116
70946	CLAS	8/20/16 - 12/10/16	MW	1300 - 1355	Lana Caplan	LR116
	LAB	8/20/16 - 12/10/16	MW	1400 - 1605	Lana Caplan	LR116
70948	CLAS	8/20/16 - 12/10/16	MW	0940 - 1035	Lana Caplan	LR116
	LAB	8/20/16 - 12/10/16	MW	1040 - 1245	Lana Caplan	LR116
74319	CLAS	8/20/16 - 12/10/16	TR	1130 - 1225	Lana Caplan	LR116
	LAB	8/20/16 - 12/10/16	TR	1230 - 1435	Lana Caplan	LR116

### **PHTO 190**

#### **Beginning Photography**

3 Units

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.

70949	CLAS	8/20/16 - 12/10/16	MW	0800 - 0855	Chris Acuna-Hansen	B017
	LAB	8/20/16 - 12/10/16	MW	0900 - 1105	Chris Acuna-Hansen	B017
70950	CLAS	8/20/16 - 12/10/16	MW	1130 - 1225	Chris Acuna-Hansen	B017
	LAB	8/20/16 - 12/10/16	MW	1230 - 1435	Chris Acuna-Hansen	B017
70988	CLAS	8/20/16 - 12/10/16	TR	0800 - 0855	Chris Acuna-Hansen	B017
	LAB	8/20/16 - 12/10/16	TR	0900 - 1105	Chris Acuna-Hansen	B017
70992	CLAS	8/20/16 - 12/10/16	TR	1900 - 1955	Misty Cervantes	B017
	LAB	8/20/16 - 12/10/16	TR	2000 - 2205	Misty Cervantes	B017

### **PHTO 191**

#### **Intermediate Photography**

3 Units

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	8/20/16 - 12/10/16	MW	0800 - 0855	Chris Acuna-Hansen	B017
	LAB	8/20/16 - 12/10/16	MW	0900 - 1105	Chris Acuna-Hansen	B017
70995	CLAS	8/20/16 - 12/10/16	MW	1130 - 1225	Chris Acuna-Hansen	B017
	LAB	8/20/16 - 12/10/16	MW	1230 - 1435	Chris Acuna-Hansen	B017
71553	CLAS	8/20/16 - 12/10/16	TR	1900 - 1955	Misty Cervantes	B017
	LAB	8/20/16 - 12/10/16	TR	2000 - 2205	Misty Cervantes	B017

### **PHTO 290**

#### **Medium and Large Format Photography**

2 Units

Prerequisite: PHTO 190

Advisory: READ 023 or appropriate assessment

Transfers to: 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 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.

70999	CLAS	8/20/16 - 12/10/16	T	0800 - 0855	Chris Acuna-Hansen	B017
	LAB	8/20/16 - 12/10/16	TR	0900 - 1025	Chris Acuna-Hansen	B017

### **PHTO 292**

#### **Digital Photography**

3 Units

Prerequisite: PHTO 185 or PHTO 190

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

Transfers to: CSU

This course is designed for students who have successfully completed PHTO 190 and have a working knowledge of basic camera controls and photographic composition. It will cover use of digital cameras, image editing and manipulation, digital printing, and the expression of ideas through digital photographs. Students are required to supply their own digital camera.

74084	CLAS	8/20/16 - 12/10/16	MW	1300 - 1355	Lana Caplan	LR116 LAB	8/20/16 - 12/10/16	MW	1400 - 1605
					Lana Caplan	LR116			
74318	CLAS	8/20/16 - 12/10/16	F	0800 - 1000	Chris Acuna-Hansen	LR116			
	LAB	8/20/16 - 12/10/16	F	1010 - 1425	Chris Acuna-Hansen	LR116			

### **PHY 211**

#### **Physics for Scientists and Engineers - I**

4 Units

Prerequisite/Corequisite: MATH 190 or MATH 190H

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 one physics series: PHY 150 and PHY 160 or PHY 211, PHY 212, and PHY 213)

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.

70806	CLAS	8/20/16 - 12/10/16	TR	1550 - 1715	Joseph Rhee	S236
	LAB	8/20/16 - 12/10/16	TR	1725 - 1850	Joseph Rhee	S224
72743	CLAS	8/20/16 - 12/10/16	TR	1550 - 1715	Joseph Rhee	S236
	LAB	8/20/16 - 12/10/16	TR	1415 - 1540	To Be Assigned	S224

### **POLS 110**

#### **Government of the United States**

3 Units

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: POLS 110 or POLS 110H)

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.

70189	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Lisa Ross	B109
70190	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Jose Baca	A212
70191	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Lisa Ross	B109
70192	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Jose Baca	A212
70193	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Jose Baca	A212
70194	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Jose Baca	A212
70195	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Jose Baca	A212
70197	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Natasha Ramos-Bernal	A212
70198	CLAS	8/20/16 - 12/10/16	TR	1250 - 1415	Ybonne Torres	B109
70199	CLAS	8/20/16 - 12/10/16	TR	1250 - 1415	Natasha Ramos-Bernal	A212
70200	CLAS	8/20/16 - 12/10/16	TR	1425 - 1550	Ybonne Torres	B109
70202	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Grover Howard	A212
70204	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Maria Romero Morales	A212
70205	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	Timothy Shaw	A212
70206	CLAS	10/15/16 - 12/10/16	S	0800 - 1430	Timothy Shaw	A212
70215	WEB	10/3/16 - 12/10/16			Colin Young	
70217	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	David Kelly	South Whittier Education Ctr
70219	WEB	10/3/16 - 12/10/16			Colin Young	
70220	WEB	10/3/16 - 12/10/16			Jose Baca	
70223	WEB	10/3/16 - 12/10/16			Jose Baca	
70224	WEB	10/3/16 - 12/10/16			Colin Young	
71480	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Ybonne Torres	A212
72303	WEB	8/20/16 - 12/10/16			Grover Howard	

### **POLS 110H**

#### **Government of the United States Honors**

3 Units

Prerequisite: ENGL 101 with a "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: POLS 110 or POLS 110H)

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.

70225 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 David Kelly B109

### **POLS 125**

#### **Law and Democracy**

3 Units

Prerequisite: POLS 110 or POLS 110H, or a score of 3 or above on the Advanced Placement American Government examination

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

Transfers to: CSU

This course provides an examination and analysis of practical law as it affects people in daily life as citizens in a democracy. It assists in the development of skills to successfully navigate legal systems and in understanding democratic political values. Emphasis is placed on constitutional rights and civil liberties, police

encounters and criminal law, local government and advocacy, small claims and traffic courts, landlord/tenant relations, family law, consumer rights, contracts, employment and immigration. Further emphasis is placed on application, critical thinking and problem solving in common legal situations. This course is designed for any student wishing to learn more about the law and its interaction with democratic government and those students wishing to attend law school. It is also a requirement for any student seeking to complete the Community College Pathway to Law School Initiative.

74177 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Barbara Mikalson A225

### **POLS 130**

#### **Comparative Government**

3 Units

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

Transfers to: UC, CSU

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.

70226 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Grover Howard B109

### **POLS 140**

#### **International Relations**

3 Units

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 8/20/16 - 12/10/16 MW 1115 - 1240 Anika Jackson B109

### **POLS 150**

#### **Chicano Politics (Same as CHST 150)**

3 Units

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

74398 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Juana Mora A225

### **PSY 101**

#### **Introductory Psychology**

3 Units

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	8/20/16 - 12/10/16	TR	0630 - 0755	Brian Adams	A208
70228	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Brian Adams	A208
70229	CLAS	8/20/16 - 12/10/16	F	1120 - 1430	Zelida Keo-Trang	A228
70230	CLAS	8/20/16 - 12/10/16	MW	1425 - 1550	Mark Carlock	A228
70231	CLAS	10/3/16 - 12/10/16			Michelle Pilati Corselli	
70232	CLAS	8/20/16 - 12/10/16	TR	1700 - 1825	Debra Kaiser	A208
70233	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Kenitha Roberts	A228
70235	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Mark Carlock	A228
70255	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Zelida Keo-Trang	S336
70256	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Judy Sevilla-Marzona	A228
70257	CLAS	8/20/16 - 12/10/16	R	1800 - 2110	Kenitha Roberts	A228
70258	CLAS	8/20/16 - 12/10/16	F	0800 - 1110	Niki Milani	A228
70259	CLAS	8/20/16 - 12/10/16	TR	1425 - 1550	Karen Beck	A228
70261	CLAS	10/15/16 - 12/10/16	S	0800 - 1430	Zelida Keo-Trang	A228
70262	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Janice Willis	L502
70263	CLAS	10/3/16 - 12/10/16			Michelle Pilati Corselli	
70264	WEB	8/20/16 - 12/10/16			Kevin Smith	
70265	WEB	8/20/16 - 12/10/16			Kevin Smith	
70476	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Janice Willis	L502
70477	CLAS	8/20/16 - 12/10/16	TR	1250 - 1415	Debra Kaiser	A228

## **PSY 101H**

### **Introductory Psychology Honors**

3 Units

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 8/20/16 - 12/10/16 TR 1250 - 1415 Vernon Padgett S336

## **PSY 112**

### **Lifespan Development**

3 Units

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. It addresses the physical, cognitive, social, and emotional changes that occur from the prenatal period through death. It explores the development issues of stability vs. change, continuity vs. discontinuity, and nature vs. nurture, and examines the perspectives of major developmental theorists, including Freud, Erickson, and Piaget. It explores current research findings and their applicability to ongoing developmental problems. 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	8/20/16 - 12/10/16	T	1900 - 2210	Karen Beck	S336
70269	WEB	10/3/16 - 12/10/16			Michelle Pilati Corselli	
70271	WEB	10/3/16 - 12/10/16			Michelle Pilati Corselli	
74292	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Mark Carlock	S336

### **PSY 114**

#### **Introduction to Abnormal Psychology**

3 Units

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	8/20/16 - 12/10/16	R	1900 - 2210	Karen Beck	S336
73769	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Brian Adams	A208

### **PSY 127**

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

3 Units

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

Transfers to: CSU

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	8/20/16 - 12/10/16	R	1900 - 2210	Kevin Barman	A207
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### **PSY 180**

#### **Positive Psychology**

3 Units

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

Transfers to: UC, CSU

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 major and students that are interested in learning about positive psychology.

70275	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Janice Willis	L502
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### **PSY 190**

#### **Statistics for the Behavioral Sciences**

4 Units

Prerequisite: MATH 070 or MATH 070D or MATH 073 with a grade of "C" or better or appropriate assessment

Advisory: ENGL 101 and READ 023 or appropriate assessment

Transfers to: UC, CSU

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	8/20/16 - 12/10/16	MW	0900 - 1105	Kevin Smith	A228
74186	CLAS	8/20/16 - 12/10/16	TR	0805 - 1010	Kevin Smith	A228

74187 CLAS 8/20/16 - 12/10/16 TR 1020 - 1225 Kevin Smith A228  
 74293 CLAS 8/20/16 - 12/10/16 MW 0900 - 1105 Kevin Smith A228

## **PSY 200**

### **Research Methods in Psychology**

3 Units

Prerequisite: PSY 101

Prerequisite/Corequisite: MATH 130 or PSY 190

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 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.

70276	CLAS	8/20/16 - 12/10/16	TR	1425 - 1530	Vernon Padgett	S336
	LAB	8/20/16 - 12/10/16	TR	1535 - 1700	Vernon Padgett	S336
73772	CLAS	8/20/16 - 12/10/16	MW	1250 - 1350	Vernon Padgett	S336
	LAB	8/20/16 - 12/10/16	MW	1400 - 1525	Vernon Padgett	S336
74188	CLAS	8/20/16 - 12/10/16	W	1550 - 1755	Vernon Padgett	S336
	LAB	8/20/16 - 12/10/16	W	1800 - 2110	Vernon Padgett	S336
74294	CLAS	8/20/16 - 12/10/16	MW	1250 - 1350	Vernon Padgett	S336
74294	LAB	8/20/16 - 12/10/16	MW	1400 - 1525	Vernon Padgett	S336

## **PSY 210**

### **Biological Psychology**

3 Units

Prerequisite: PSY 101

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 210 or PSY 210H)

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.

70277	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Kevin Smith	A228
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## **READ 021**

### **Basic Reading**

3 Units

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	8/20/16 - 12/10/16	TR	0805 - 0930	Karleen Curlee	LR123
70583	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Sharon Bell	LR123
70584	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Karleen Curlee	LR119
73261	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Xochitl Laner	LR119

**READ 021L**  
**Reading Lab**

0.5 Units

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 8/20/16 - 12/10/16 Raquel Flores-Olson LR118

**READ 022**  
**Intermediate Reading Skills**

3 Units

Prerequisite: Successful completion of READ 021 with a "P" or appropriate placement through the Rio Hondo assessment process

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 credit course and is offered on a pass/no pass basis. All students are required to concurrently enroll in READ 022L.

70586 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Stephen Koelle LR119

70592 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 Stephen Koelle LR119

70593 CLAS 8/20/16 - 12/10/16 MW 0940 - 1105 Sharon Bell LR123

70595 CLAS 8/20/16 - 12/10/16 TR 1115 - 1240 Wells Sloniger LR123

70597 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Sharon Bell LR123

70598 CLAS 8/20/16 - 12/10/16 M 1900 - 2210 Judith Riordan LR123

70599 CLAS 8/20/16 - 12/10/16 T 1900 - 2210 Angela Warner LR123

70600 CLAS 8/20/16 - 12/10/16 TR 1420 - 1545 To Be Assigned LR119

**READ 022L**  
**Reading Lab**

0.5 Units

Prerequisite: Successful completion of READ 021 with a "P" or appropriate placement through the Rio Hondo assessment process

Corequisite: READ 022

This course is a skills class intended to assist students in improving reading comprehension and vocabulary through individually prescribed lab work. Students will complete reading tasks designed 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.

70622 CLAS 8/20/16 - 12/10/16 Raquel Flores-Olson LR118

**READ 023**  
**Reading College Textbooks**

3 Units

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.

70623 CLAS 8/20/16 - 12/10/16 MW 0630 - 0755 Stephen Koelle LR119

70624 CLAS 8/20/16 - 12/10/16 TR 0630 - 0755 Stephen Koelle LR119

70625 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Raquel Flores-Olson A206

70626 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Georgia Gaspar LR123

70627	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Wells Sloniger	A213
70628	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Karleen Curlee	LR119
70629	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Raquel Flores-Olson	A214
70630	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Raquel Flores-Olson	LR119
70631	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Veronica Kortz	El Monte Educational Center
70632	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Wells Sloniger	LR123
70633	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Georgia Gaspar	LR119
70634	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Wells Sloniger	LR119
70635	CLAS	8/20/16 - 12/10/16	MW	1420 - 1545	Veronica Kortz	LR119
70636	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Arline Juchartz	A204
70637	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Elizabeth Serrao	LR119
70638	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	To Be Assigned	LR119
70639	CLAS	8/20/16 - 12/10/16	S	0800 - 1110	Stephen Koelle	LR119
70640	CLAS	8/20/16 - 12/10/16	F	0800 - 1110	Melissa Base	LR119
72748	CLAS	8/20/16 - 12/10/16	MW	1035 - 1200	Veronica Kortz	SW105
72749	WEB	8/20/16 - 12/10/16			Marie Eckstrom	
74470	CLAS	10/15/16 - 12/10/16	MW	1420 - 1730	Joyce Lim	LR123
74471	CLAS	8/20/16 - 12/10/16	MW	1000 - 1125	To Be Assigned	Pico Educational Center

## READ 101

### Critical Reading

3 Units

Prerequisite: READ 023 or appropriate assessment

Advisory: ENGL 035 or ENLA 100 or appropriate assessment

Transfers to: CSU

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.

70641	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Karleen Curlee	A214
70642	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Laura Monahan	A202
70643	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Arline Juchartz	LR123

## READ 134

### Academic Success and Lifelong Learning

3 Units

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

Transfers to: CSU

This comprehensive course is designed for students to acquire reading and study strategies for college success and lifelong learning. Outcomes include the knowledge of applicable educational learning theories as well as psychological and physiological tools that promote self-development in learning. Specific topics consist of reading print versus digital texts, critical thinking, lecture and textbook note taking, metacognitive strategies, test preparation, time management, and to aid the student in achieving academic and lifelong goals.

70644	CLAS	8/20/16 - 12/10/16	TR	1420 - 1545	Sharon Bell	LR123			
70645	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Elizabeth Serrao	A213 74472	WEB	8/20/16 - 12/10/16	Raquel Flores-Olson

## SOC 101

### Introduction to Sociology

3 Units

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: SOC 101 or SOC 101H)



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.

70278	CLAS	8/20/16 - 10/14/16	MW	1425 - 1745	Brian Brutlag	A229
70279	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Brian Brutlag	A229
70280	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Brian Brutlag	A229
70281	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Melissa Juarez	A229
70282	CLAS	8/20/16 - 12/10/16	TR	1250 - 1415	To Be Assigned	A229
70283	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	To Be Assigned	A229
70284	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Elba Munoz	A229
70286	CLAS	8/20/16 - 12/10/16	F	0800 - 1110	Ruzanna Karmiryan	A229
70287	CLAS	10/15/16 - 12/10/16	S	0800 - 1430	Ruzanna Karmiryan	A229
70288	WEB	8/20/16 - 12/10/16			Daniel Roddick	
70289	WEB	8/20/16 - 12/10/16			Sasha Montero	
70290	WEB	10/3/16 - 12/10/16			Melissa Juarez	
70861	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Melissa Juarez	A229
72203	CLAS	8/20/16 - 12/10/16	TR	1300 - 1425	Joy Tsuhako	Pico Educational Center

## **SOC 102**

### **Major Social Problems**

3 Units

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.

70291	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Brian Brutlag	A229
70293	WEB	10/3/16 - 12/10/16			Daniel Roddick	
72793	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Brian Brutlag	A229

## **SOC 110**

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

3 Units

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

Transfers to: UC, CSU

This course is designed for students with an interest in human sexuality from a cross-cultural perspective. Sexual anatomy, development, response, and behavior will be examined, along with historical and cultural patterns. Students will learn about the development and expression of gender and orientation from both Western and non-Western perspectives, with an emphasis on the influence of culture on individuals.

70294	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Melissa Juarez	S336
70295	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Melissa Juarez	S336

## **SOC 114**

### **Marriage, Family and Intimate Relationships**

3 Units

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.

70296	CLAS	8/20/16 - 12/10/16	TR	1425 - 1550	To Be Assigned	A229
70298	WEB	10/3/16 - 12/10/16			Sasha Montero	
70299	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	Elba Munoz	A229

## **SOC 120**

### **Perspectives of Sex & Gender**

3 Units

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.

70619	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Brian Brutlag	A229
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## **SPAN 101**

### **Spanish I**

4 Units

Advisory: ENGL 030 or ENLA 034 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 sequences of courses: SPAN 101 and SPAN 102 or SPAN 130 and SPAN 131)

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.

70887	CLAS	8/20/16 - 12/10/16	MW	0900 - 1105	William Ripley	A200
70888	CLAS	8/20/16 - 12/10/16	TR	0645 - 0850	Pablo Roldan	A204
70889	CLAS	8/20/16 - 12/10/16	TR	0900 - 1105	Pablo Roldan	A204
70891	CLAS	8/20/16 - 12/10/16	S	0800 - 1210	Martha Arrona	A200
	LAB	8/20/16 - 12/10/16	S	1220 - 1320	Martha Arrona	LR117
70897	CLAS	8/20/16 - 12/10/16	TR	0900 - 1105	To Be Assigned	El Monte Educational Center
	LAB	8/20/16 - 12/10/16	R	0800 - 0850	To Be Assigned	El Monte Educational Center
70898	CLAS	8/20/16 - 12/10/16	MW	1620 - 1825	Rafael Fernandez	A204
70899	CLAS	8/20/16 - 12/10/16	MW	1900 - 2105	Margarita Flores	A202
70900	CLAS	8/20/16 - 12/10/16	TR	1900 - 2105	Alba Breitenbucher	A200
70903	WEB	8/20/16 - 12/10/16			Lydia Llerena	
	WEBL	8/20/16 - 12/10/16			Lydia Llerena	
70905	WEB	8/20/16 - 12/10/16			Blanca De Los Santos	
	WEBL	8/20/16 - 12/10/16			Blanca De Los Santos	
70906	WEB	8/20/16 - 12/10/16			Mariano Zaro	
	WEBL	8/20/16 - 12/10/16			Mariano Zaro	
70907	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Doreen O'Connor-Gomez	LR129
	WEB	8/20/16 - 12/10/16			Doreen O'Connor-Gomez	
	WEBL	8/20/16 - 12/10/16			Doreen O'Connor-Gomez	
70933	CLAS	8/20/16 - 12/10/16	F	0800 - 1100	Fatima Garcia	A200
	WEB	8/20/16 - 12/10/16			Fatima Garcia	
	WEBL	8/20/16 - 12/10/16			Fatima Garcia	

71007	WEB	9/3/16 - 12/10/16			Blanca De Los Santos	
	WEBL	9/3/16 - 12/10/16			Blanca De Los Santos	
71016	WEB	10/1/16 - 12/10/16			Lydia Llerena	
	WEBL	10/1/16 - 12/10/16			Lydia Llerena	
71468	CLAS	8/20/16 - 12/10/16	MW	1515 - 1720	Sandra Lew	Whittier High School
	LAB	8/20/16 - 12/10/16	M	1730 - 1825	Sandra Lew	Whittier High School
74198	CLAS	8/20/16 - 12/10/16	TR	1545 - 1750	Hsing Ho	A204
74468	CLAS	8/20/16 - 12/10/16	TR	0900 - 1105	To Be Assigned	Pico Educational Center
	LAB	8/20/16 - 12/10/16	T	0800 - 0850	To Be Assigned	Pico Educational Center

## **SPAN 102**

### **Spanish II**

4 Units

Prerequisite: Successful completion of SPAN 101 or two years of high school Spanish

Transfers to: UC (credit limit\*), CSU (\*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)

This course is a continuation of the study of the essentials of Spanish language: reading, listening, speaking, and writing skills. The skills learned in SPAN 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.

71050	CLAS	8/20/16 - 12/10/16	MW	1115 - 1320	Anna Regalado	A200
71053	WEB	8/20/16 - 12/10/16			Lydia Llerena	
	WEBL	8/20/16 - 12/10/16			Lydia Llerena	

## **SPAN 130**

### **Spanish for Heritage Speakers I**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment

Transfers to: UC (credit limit\*), CSU (\*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)

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.

71058	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Lydia Llerena	A202
71059	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Blanca De Los Santos	A202
71061	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Fatima Garcia	A206
71062	WEB	8/20/16 - 12/10/16			Mariano Zaro	
72281	CLAS	8/20/16 - 12/10/16	MW	1330 - 1455	Mariano Zaro	A200

## **SPAN 131**

### **Spanish for Heritage Speakers II**

3 Units

Prerequisite: SPAN 130 with a grade of "C" or better

Transfers to: UC (credit limit\*), CSU (\*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)

This course is a continuation of SPAN 130. It is designed to further improve the language skills of students with a Spanish language background. Emphasis will continue to be placed on the improvement of reading and writing skills, focusing especially on accents and spelling. Aspects of the culture and civilization of Spanish-speakers will be included in the readings of the literature of Spanish-speaking countries. This course is intended for students who are native speakers of Spanish.

**SPAN 201**  
**Spanish III**

4 Units

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.

71063 CLAS 8/20/16 - 12/10/16 TR 0900 - 1105 Blanca De Los Santos A200

**SPAN 201H**  
**Spanish III Honors**

4 Units

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. This course is intended for students eligible for the Honors Program.

71064 CLAS 8/20/16 - 12/10/16 TR 0900 - 1105 Blanca De Los Santos A200

**SPAN 202**  
**Spanish IV**

4 Units

Prerequisite: SPAN 201 or 201H with a grade of "C" or better or four years of high school Spanish

Transfers to: UC, CSU

SPAN 202 is an intermediate level course designed to further improve the use of Spanish grammar, conversation, reading comprehension and composition. Various aspects of Spanish culture and literature are introduced through readings in the textbook and in supplementary readings. Students strengthen their communication and writing skills by analyzing literary selections that vary in style from simple journalist writing to highly original and complex literary works in Spanish. Students also receive intensive, oral-aural practice in the language laboratory in which websites, video programs, audio CDs, and CD ROMs are used. This course is designed /intended for students who wish to broaden their knowledge of Spanish as well as for those interested in pursuing a degree in the Spanish language.

74410 WEB 8/20/16 - 12/10/16 Blanca De Los Santos

WEBL 8/20/16 - 12/10/16 Blanca De Los Santos

**SPCH 100**  
**Interpersonal Communication**

3 Units

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.

70479	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Gilbert Puga	A220
70485	CLAS	8/20/16 - 12/10/16	R	1545 - 1855	Gilbert Puga	A218
70489	CLAS	8/20/16 - 12/10/16	S	0800 - 1110	James Ameen	A220
74196	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Angela Williamson	A216

**SPCH 101**  
**Public Speaking**

3 Units

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: SPCH 101, SPCH 101H or SPCH 102)

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.

70491	CLAS	8/20/16 - 12/10/16	MW	0630 - 0755	Elizabeth Crossman	A220
70501	CLAS	8/20/16 - 12/10/16	TR	0630 - 0755	Jeannette Duarte	A220
70507	CLAS	8/20/16 - 12/10/16	MW	0805 - 0930	Grant Tovmasian	A220
70510	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Jeannette Duarte	A220
70512	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Grant Tovmasian	A213
70513	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Grant Tovmasian	A214
70514	CLAS	8/20/16 - 12/10/16	MW	1115 - 1240	Libby Curiel	A227
70515	CLAS	8/20/16 - 12/10/16	S	1115 - 1425	James Ameen	A227
70516	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Jeannette Duarte	A220
70519	CLAS	8/20/16 - 12/10/16	MW	0940 - 1105	Libby Curiel	A215
70525	CLAS	8/20/16 - 12/10/16	MW	1250 - 1415	Carmen Rodriguez	A220
70531	CLAS	8/20/16 - 12/10/16	MW	1420 - 1545	Grant Tovmasian	A220
70532	CLAS	8/20/16 - 12/10/16	TR	1420 - 1545	Richard Baca	A220
70533	CLAS	8/20/16 - 12/10/16	W	1550 - 1900	Casey Jones	A220
70534	CLAS	8/20/16 - 12/10/16	R	1545 - 1855	To Be Assigned	A220
70535	CLAS	8/20/16 - 12/10/16	M	1900 - 2210	Joshua Gallegos	A220
70536	CLAS	8/20/16 - 12/10/16	T	1900 - 2210	Gilbert Puga	A220
70537	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Carmen Rodriguez	A220
70538	CLAS	8/20/16 - 12/10/16	R	1900 - 2210	To Be Assigned	A227
70545	CLAS	8/23/16 - 8/23/16	T	1115 - 1425	Casey Jones	
		9/13/16 - 9/13/16	T	1115 - 1425	Casey Jones	
		10/4/16 - 10/4/16	T	1115 - 1425	Casey Jones	
		10/25/16 - 10/25/16	T	1115 - 1425	Casey Jones	
		11/15/16 - 11/15/16	T	1115 - 1425	Casey Jones	
		12/6/16 - 12/6/16	T	1115 - 1425	Casey Jones	
	WEB	8/20/16 - 12/10/16			Casey Jones	
70547	CLAS	8/20/16 - 12/10/16	TR	0805 - 0930	Wendy Lai	A218
70549	CLAS	8/20/16 - 12/10/16	MW	1420 - 1545	Wendy Lai	A218
70839	CLAS	10/15/16 - 12/10/16	MW	1420 - 1730	Sparkle Hickey	A211
71182	CLAS	8/20/16 - 12/10/16	TR	1115 - 1240	Mary Woudenberg	South Whittier Education Ctr
72248	CLAS	8/20/16 - 12/10/16	TR	0940 - 1105	Jeannette Duarte	A220
72903	CLAS	8/20/16 - 12/10/16	F	0800 - 1105	Jeannette Duarte	El Monte Educational Center

74441	CLAS	8/20/16 - 12/10/16	WR	0755 - 0920	Mary Woudenberg	El Rancho High School
74442	CLAS	8/20/16 - 12/10/16	MW	1505 - 1630	David Hale	Mountain View High School

### **SPCH 101H**

#### **Public Speaking Honors**

3 Units

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: SPCH 101, SPCH 101H or SPCH 102)

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. This course is designed for students eligible for the Honors Program.

73758	CLAS	8/20/16 - 12/10/16	F	1115 - 1425	Gilbert Puga	A220
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### **SPCH 110**

#### **Forensics: Speech and Debate Team**

2 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment; Prior or concurrent enrollment in SPCH 101 or SPCH 101H or SPCH 130 or SPCH 140

Transfers to: CSU

This course trains students to participate in Rio Hondo's Forensic Speech and Debate Team. Emphasis is placed on preparation, including research and writing; practice; and participation in intercollegiate speech and debate tournaments and/or community events. Students learn debate, oral interpretation, limited preparation, and platform speaking. This course is appropriate for students specializing in areas involving public speaking such as law, political science, drama, and instruction. Students who sign up for the lab hours are required to compete. This course may be taken once and repeated three times for credit.

70560	CLAS	8/20/16 - 12/10/16	T	1300 - 1350	Grant Tovmasian	A222
70560	CLAS	8/20/16 - 12/10/16	T	1300 - 1350	Libby Curiel	A222
	LAB	8/20/16 - 12/10/16			Grant Tovmasian	
		8/20/16 - 12/10/16			Libby Curiel	
74443	CLAS	8/20/16 - 12/10/16	T	1300 - 1350	Grant Tovmasian	A222
		8/20/16 - 12/10/16	T	1300 - 1350	Libby Curiel	A222
	LAB	8/20/16 - 12/10/16			Grant Tovmasian	
		8/20/16 - 12/10/16			Libby Curiel	
74444	CLAS	8/20/16 - 12/10/16	T	1300 - 1400	Grant Tovmasian	A222
		8/20/16 - 12/10/16	T	1300 - 1400	Libby Curiel	A222
	LAB	8/20/16 - 12/10/16			Grant Tovmasian	
		8/20/16 - 12/10/16			Libby Curiel	

### **SPCH 130**

#### **Oral Interpretation**

3 Units

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

Transfers to: UC, CSU

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.

70568	CLAS	8/20/16 - 12/10/16	W	1900 - 2210	Joshua Gallegos	A215
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### **SPCH 132**

#### **Readers Theatre**

3 Units

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

Transfers to: CSU

This is a creative communication course focusing on group presentations of literature. Students will perform prose, 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.

72750 CLAS 8/20/16 - 12/10/16 W 1900 - 2210 Joshua Gallegos A215

### **SPCH 140**

#### **Argumentation and Debate**

3 Units

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: SPCH 140 or SPCH 240)

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.

70569 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Grant Tovmasian A227

70570 CLAS 8/20/16 - 12/10/16 R 1900 - 2210 Gilbert Puga A220

72880 CLAS 8/20/16 - 12/10/16 MW 1115 - 1240 Wendy Lai S305

73258 CLAS 8/20/16 - 12/10/16 T 1545 - 1855 Gilbert Puga A218

### **SPCH 240**

#### **Argumentation and Discussion**

3 Units

Prerequisite: SPCH 140 with a grade of "C" or better

Transfers to: UC (credit limit\*), CSU (\*Students will receive credit from UC for only one of the following courses: SPCH 140 or SPCH 240)

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.

70571 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Grant Tovmasian A227

72284 CLAS 8/20/16 - 12/10/16 R 1900 - 2210 Gilbert Puga A220

73283 CLAS 8/20/16 - 12/10/16 T 1545 - 1855 Gilbert Puga A218

### **TCED 060**

#### **Elementary Metallurgy**

2 Units

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

This is an elementary course in the basic principles of metallurgy. It is designed for Welding and Machine Shop majors, but is suitable for all technology students. Emphasis is placed on terminology, numbering systems, methods of altering the properties of metals, and the effect on fabrication.

74308 CLAS 8/20/16 - 12/10/16 W 1800 - 2005 Steven French T114

### **TCED 090**

#### **Blueprint Reading for Manufacturing Drawings**

2 Units

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

This course presents an introduction to the use of blueprints as used in industrial applications. Principles of reading drawings, specifications, projection principles, working drawings, details, assemblies and pictorial

representation are discussed. The course is helpful for apprentices and employees in all areas of technology including planning, purchasing, manufacturing, machine trades, welding, future engineers, and inspection.

74327 CLAS 8/20/16 - 12/10/16 T 0800 - 1005 Robert Freeman S310

### **THTR 101**

#### **Theatre Arts Appreciation**

3 Units

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

Transfers to: UC, CSU

This course is designed for the student interested in an overview of the entire field of theatre. The practice and theory of the following will be explored: costume, set and lighting design, acting, directing, playwriting, criticism, play structure, theatre architecture and producing. Included will be a brief historical overview. At least one field trip to a professional theatre production will be organized.

71019 CLAS 8/20/16 - 12/10/16 MW 0805 - 0930 Andrew Levy M109

71020 CLAS 8/20/16 - 12/10/16 S 0900 - 1210 Ashley Ward M109

71023 CLAS 8/20/16 - 12/10/16 TR 0805 - 0930 Kirk Vichengrad M109

71024 WEB 8/20/16 - 12/10/16 Ashley Ward

72864 CLAS 8/20/16 - 12/10/16 TR 1250 - 1415 William Korf B110

74330 CLAS 10/15/16 - 12/10/16 TR 1500 - 1810 Andrew Levy B110

### **THTR 105**

#### **The History and Development of the Theatre**

3 Units

Advisory: ENGL 030 or ENLA 034 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: THTR 105 or THTR 105H)

This course is designed for the student with an interest in history or 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.

74321 CLAS 8/20/16 - 12/10/16 MW 1400 - 1525 William Korf B110

### **THTR 105H**

#### **The History and Development of the Theatre Honors**

3 Units

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: THTR 105 or THTR 105H)

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.

72866 CLAS 8/20/16 - 12/10/16 MW 1400 - 1525 William Korf B110

### **THTR 110**

#### **Principles of Acting**

3 Units

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

Transfers to: UC, CSU

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.



71031	CLAS	8/20/16 - 12/10/16	MW	0900 - 0955	Anneliese Euler	M104
	LAB	8/20/16 - 12/10/16	MW	1000 - 1125	Anneliese Euler	M104
71042	CLAS	8/20/16 - 12/10/16	TR	0940 - 1035	William Korf	M104
	LAB	8/20/16 - 12/10/16	TR	1040 - 1205	William Korf	M104

### **THTR 111**

#### **Principles of Acting**

3 Units

Prerequisite: THTR 110

Transfers to: UC, CSU

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.

71044	CLAS	8/20/16 - 12/10/16	MW	0900 - 0955	Anneliese Euler	M104
	LAB	8/20/16 - 12/10/16	MW	1000 - 1125	Anneliese Euler	M104

### **THTR 150**

#### **Theatre Crafts I**

3 Units

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 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.

71046	CLAS	8/20/16 - 12/10/16	T	1400 - 1455	To Be Assigned	M102
	LAB	8/20/16 - 12/10/16	R	1400 - 1745	To Be Assigned	M102
		8/20/16 - 12/10/16	T	1500 - 1745	To Be Assigned	M102

### **THTR 151**

#### **Theatre Crafts II**

3 Units

Prerequisite: THTR 150

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 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.

71047	CLAS	8/20/16 - 12/10/16	T	1400 - 1455	To Be Assigned	M102
	LAB	8/20/16 - 12/10/16	R	1400 - 1745	To Be Assigned	M102
		8/20/16 - 12/10/16	T	1500 - 1745	To Be Assigned	M102

### **THTR 152**

#### **Theatre Crafts III**

3 Units

Prerequisite: THTR 151

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 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.

71067	CLAS	8/20/16 - 12/10/16	T	1400 - 1455	To Be Assigned	M102
	LAB	8/20/16 - 12/10/16	R	1400 - 1745	To Be Assigned	M102
		8/20/16 - 12/10/16	T	1500 - 1745	To Be Assigned	M102

### **THTR 153**

#### **Stage Lighting**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 022 or appropriate assessment

Prerequisite: THTR 101 or THTR 110 or THTR 150 or THTR 170 or THTR 171 or THTR 180

Transfers to: UC, CSU

The course is designed for the student who wants to gain an understanding and appreciation of the roles light and lighting design play in the theatrical production. Students will gain understanding in lighting design theory, function and esthetics. Students will be able to hang, focus, color, cable and strike conventional and automated lighting fixtures as well as identify and select appropriate types of lighting fixtures, cables, control and power distribution equipment for a given purpose. Electrical and operational safety will receive special emphasis. Students will be able to operate lighting consoles at a proficient level.

74418	CLAS	8/20/16 - 12/10/16	MW	1400 - 1430	To Be Assigned	M104
	LAB	8/20/16 - 12/10/16	MW	1435 - 1745	To Be Assigned	M104

### **THTR 159**

#### **Stage Crew Activity**

2 Units

Advisory: 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	8/30/16 - 12/10/16			To Be Assigned	
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### **THTR 160**

#### **Introductory Playwriting Screenwriting**

3 Units

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

Transfers to: CSU

This course is designed for the student interested in the art of writing for theatre or film. It will include writing exercises, theatre field trips and a final staged reading of finished scripts. Students will complete a one-act or 10-minute play which will be considered for production the following semester.

73263	CLAS	8/20/16 - 12/10/16	TR	1800 - 1855	Stephen Shade	M124
	LAB	8/20/16 - 12/10/16	TR	1900 - 2025	Stephen Shade	M124

### **THTR 161**

#### **Playwriting Screenwriting for Production**

3 Units

Prerequisite: THTR 160

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

Transfers to: CSU

This course is designed for the student who wants to work on their playwriting/screenwriting craft with an eye to the professional market. Students will write, rewrite and polish works written with the intention of production. Students will read plays, screenplays, and teleplays that have been produced recently. Students

will realistically appraise the marketability of their script through staged readings by student actors for an audience.

73738	CLAS	8/20/16 - 12/10/16	TR	1800 - 1855	Stephen Shade	M124
	LAB	8/20/16 - 12/10/16	TR	1900 - 2025	Stephen Shade	M124

### **THTR 170**

#### **Theatre Rehearsal and Performance**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; THTR 110  
Limitations: Acting Students must audition and Technical Students must interview prior to participating in the course

Transfers to: UC, CSU

This course is for the student who wants to participate in a stage production that is part of the American College Theatre Festival (ACTF) competition. Students will be adjudicated by judges representing ACTF during public performances at Rio Hondo and some will be chosen to compete at the regional and national festivals in the areas of acting, writing, stage managing, directing and stage design. Students are given an opportunity to be part of a theatre company in the organization of full-length and/or one-act plays under the guidance of a faculty director. This course may be repeated three times for credit.

71069	CLAS	8/20/16 - 12/10/16	M	1900 - 1955	Kirk Vichengrad	M104
		8/20/16 - 12/10/16	M	1900 - 1955	William Korf	M104
	LAB	8/20/16 - 12/10/16	W	1900 - 2230	Kirk Vichengrad	M104
		8/20/16 - 12/10/16	W	1900 - 2230	William Korf	M104
		8/20/16 - 12/10/16	M	2000 - 2230	Kirk Vichengrad	M104
		8/20/16 - 12/10/16	M	2000 - 2230	William Korf	M104

### **THTR 230**

#### **Principles of Directing**

3 Units

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.

74417	CLAS	8/20/16 - 12/10/16	MW	1600 - 1655	William Korf	CI000
	LAB	8/20/16 - 12/10/16	MW	1700 - 1825	William Korf	CI000

### **TV 135**

#### **Creative Digital Video**

3 Units

Advisory: ENGL 035 or ENLA 100 or appropriate assessment; READ 023 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, story boarding, 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.

74331	CLAS	8/20/16 - 12/10/16	TR	1540 - 1635	Nicole Block	LR140
74331	LAB	8/20/16 - 12/10/16	TR	1640 - 1805	Nicole Block	LR140

### **VN 071L**

#### **Introduction to Medical-Surgical Nursing Lab**

3.5 Units

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.

70244	CLAS	8/20/16 - 10/14/16	MW	0630 - 1805	To Be Assigned	
70245	LAB	8/20/16 - 10/14/16	MW	0630 - 1230	Katherine Lopez-Alvarado	White Memorial Medical Center
		8/20/16 - 10/14/16	MW	1231 - 1900	Katherine Lopez-Alvarado	White Memorial Medical Center
74241	LAB	8/20/16 - 10/14/16	MW	0630 - 1900	Kathleen Burciaga	El Encanto Health Rehab Center

## **VN 072L**

### **Intermediate Medical-Surgical Nursing Lab**

3.5 Units

Prerequisite: VN 071L with a grade of "Pass"; VN 074 and VN 075 with a grade of "C" or better

Corequisite: 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.

70247	LAB	10/15/16 - 12/10/16	MW	0630 - 1815	Terilee Povall	El Encanto Health Rehab Center
70249	LAB	10/15/16 - 12/10/16	MW	0630 - 1815	Katherine Lopez-Alvarado	White Memorial Medical Center
74243	LAB	10/15/16 - 12/10/16	MW	0630 - 1815	Cindy Sanchez	Park Regency Care Center

## **VN 073**

### **Basic Pharmacology**

2 Units

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.

70251	CLAS	8/20/16 - 10/14/16	TR	1000 - 1115	Karen Gottlieb	L300C
		8/20/16 - 10/14/16	TR	1116 - 1215	Karen Gottlieb	

## **VN 074**

### **Nursing Care of Patients with Integumentary/Orthopedic Problems and Concepts of Gerontologic Nursing**

2.5 Units

Prerequisite: 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.

70253	CLAS	8/20/16 - 10/14/16	R	0700 - 0950	Angela Cheung	L300C
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## **VN 075**

### **Nursing Care of Patients with Endocrine Problems**

1 Unit

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.

70254 CLAS 8/20/16 - 10/14/16 R 1300 - 1415 Katherine Lopez-Alvarado  
8/20/16 - 10/14/16 R 1416 - 1515 Katherine Lopez-Alvarado

### **VN 076**

#### **Nursing Care of Patients with Renal, Urinary and Gastrointestinal Problems**

3.5 Units

Prerequisite: VN 071L with a grade of "Pass"; VN 074 and VN 075 with a grade of "C" or better

Corequisite: VN 073

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.

70260 CLAS 10/15/16 - 12/10/16 TR 0700 - 1120 Angela Cheung L300C

### **VN 077**

#### **Nursing Care of Patients with Cardiovascular and Respiratory Nursing Problems**

3 Units

Prerequisite: VN 071L with a grade of "Pass"; VN 074 and VN 075 with a grade of "C" or better

Corequisite: VN 073

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.

70270 CLAS 10/15/16 - 12/10/16 R 1230 - 1615 Angela Cheung L300C  
10/15/16 - 12/10/16 T 1445 - 1745 Angela Cheung L300C

### **VOCB 101**

#### **Vocabulary & Etymology**

3 Units

Prerequisite: ENGL 035 or ENLA 100 or appropriate assessment; READ 022 or appropriate assessment

Transfers to: CSU

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.

70647 CLAS 8/20/16 - 12/10/16 MW 1250 - 1415 Georgia Gaspar A218

### **WELD 040**

#### **Introduction to Welding Processes**

2 Units

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

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. This course will emphasize safety, theory, procedure, and practical skill development.

74277 CLAS 8/20/16 - 12/10/16 S 0800 - 0900 Mauricio Reyes T114  
LAB 8/20/16 - 12/10/16 S 0910 - 1220 Mauricio Reyes T114

### **WELD 050**

#### **Semi-Automatic Welding Processes**

4 Units

Prerequisite: WELD 040

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

This course is intended for the student who wants to progress to an intermediate level of welding processes and further their skills in wire-fed, semi- automatic welding methods and techniques. This course emphasizes skills in Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW). The course also focuses on safety, theory, characteristics and settings for power supplies and wire feeding units, electric current settings, electrode identification and selection, welding positions, and welding of ferrous and non-ferrous metals. Special emphasis will be placed on developing proficiency and speed for high volume production applications.

74276 CLAS 8/20/16 - 12/10/16 MW 0800 - 0900 Daniel Londo T114  
LAB 8/20/16 - 12/10/16 MW 0910 - 1220 Daniel Londo T114

### **WELD 055**

#### **Manual Electric Arc Welding Processes**

4 Units

Prerequisite: WELD 040

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

This course is intended for the student who wants to progress to an intermediate level of welding processes and further their skills in manual electric arc welding methods and techniques. This course emphasizes skills in Shielded Metal Arc Welding (SMAW) and Gas Tungsten Arc Welding (GTAW). The course also focuses on safety, theory, characteristics and settings for power supplies and welding units, electric current settings, electrode identification and selection, welding positions, and welding of ferrous and non-ferrous metals. Special emphasis will be placed on developing proficiency and speed for high volume production applications.

74275 CLAS 8/20/16 - 12/10/16 TR 1800 - 1900 Steven French T114  
LAB 8/20/16 - 12/10/16 TR 1910 - 2220 Steven French T114

### **WFT 101**

#### **Wildland Fire Behavior**

3 Units

Advisory: ENGL 030 or ENLA 034 or appropriate assessment; READ 023 or appropriate assessment; MATH 020 or MATH 020C or appropriate assessment

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.

72844 CLAS 8/20/16 - 10/14/16 MW 1300 - 1425 Ryan Carey AJ203

### **WFT 102**

#### **Wildland Fire Fighter Safety and Survival**

3 Units

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 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.

70454 CLAS 8/20/16 - 12/10/16 T 1400 - 1710 Don Garwood AJ203

### **WFT 103**

#### **Wildland Fire Operation (Ground Air)**

3 Units

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 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.

70455 CLAS 8/20/16 - 10/14/16 MW 1500 - 1625 Ryan Carey AJ203

### **WFT 104**

#### **Wildland Fire Investigation, Prevention and Public Information**

3 Units

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 and skills necessary to understand the roles and functions of the Public Information Officer (PIO, S-203), Fire Prevention Education Team Member (PETM, P-101), and the Wildland Fire Investigator (INVF, FI-110). Various wildland fire associated class projects will challenge the student's public speaking, report writing, and presentation skills. This course meets or exceeds the National Wildfire Coordinating Group's (NWCG) requirements.

72845 CLAS 10/15/16 - 12/10/16 MW 1300 - 1425 Ryan Carey AJ203

### **WFT 105**

#### **Wildland Fire Logistics, Finance and Planning**

3 Units

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.

74389 CLAS 10/15/16 - 12/10/16 MW 1500 - 1625 Ryan Carey AJ203