SUMMER 2015
Class Schedule

June 15 - August 20, 2015

Summer Session I
June 15 – July 16

Summer Session II
July 20 – August 20

IMPORTANT: Check with Admissions & Records for classes start/end on different dated for deadline.
ADMINISTRATION OF JUSTICE
Chair: Freddie McClan, Aspen Hall - AH/TE-516, (213) 763-3936
3.00 Units
ETHICS AND THE CRIMINAL JUSTICE SYSTEM (CSU)
This course identifies and explores ethics, values, definitions and applications in the criminal justice system: police, courts, prevention, parole, corrections and private security organizations. Remedial strategies relating to unethical behavior by individuals and groups will also be addressed.
1001 lec 1:15pm - 3:40pm MTWTh AH/T E301
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
FUNDAMENTALS OF ASTRONOMY LABORATORY (UC:CSU)
This course provides the laboratory work to accompany or follow Astronomy 1. This course uses astronomical instruments and laboratory equipment. Includes work with celestial sphere, sky charts, optical bench, telescopes, spectrosopes, and photometer. The course requires field trips for evening observations.
4046 lab 6:35pm - 9:00pm MTWTh CH/ K406
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

AMERICAN SIGN LANGUAGE
Chair: John Glavan, Aspen Hall - AH/TE-520, (213) 763-3931
4.00 Units
AMERICAN SIGN LANGUAGE 001
This is an introductory course designed to develop basic conversational skills using the manual alphabet and American Sign Language. It is planned to assist in communicating with deaf individuals and have a better understanding of deaf culture. This course develops basic vocabulary and grammar of American Sign Language. Its emphasis is placed on comprehension skills and vital aspects of the Deaf culture and community.
1438 lec 7:00am - 10:20am MTWTh MH 309
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
1439 lec 7:00am - 10:20am MTWTh MH 309
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)
AMERICAN SIGN LANGUAGE 002
4.00 Units
AMERICAN SIGN LANGUAGE II (UC:CSU)
Prerequisite: American Sign Language I
This is an intermediate course in American Sign Language with special emphasis on vocabulary, grammar, dialog, and on the improvement of expressive and receptive skills. This course includes exposure to deaf culture and the history of sign languages.
3854 lec 6:00pm - 9:20pm MTWTh MH 305
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
3855 lec 6:00pm - 9:20pm MTWTh MH 305
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

ANTHROPOLOGY
Chair: Freddie McClan, Aspen Hall - AH/TE-516, (213) 763-3936
3.00 Units
ANTHROPOLOGY 101
HUMAN BIOLOGICAL EVOLUTION (UC:CSU)
Advisory: English 29
This course is an introduction to the field of biological anthropology. Topics covered include genetic inheritance, the mechanisms of evolution, the biology and behavior of living primates, the history of human evolution as seen in the fossil record, and modern human biological variation.
3603 lec 6:35pm - 9:00pm MTWTh AH/T E323
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

ART
Chair: John Glavan, Aspen Hall - AH/TE-520, (213) 763-3931
3.00 Units
ART 101
SURVEY OF ART HISTORY I (UC:CSU)
This course encompasses the historic study of architecture, painting and sculpture, with incidental references to the related minor arts. A survey is made of the chronological development of Western and non-European art from the Prehistoric to the Renaissance, with special emphasis upon the cultural factors that contributed to its evolution.
1422 lec 7:00am - 9:25am MTWTh STAFF MH 308
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
1430 lec 7:00am - 9:25am MTWTh A. MANN MH 308
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)
3850 lec 6:35pm - 9:00pm MTWTh A. MANN MH 308
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

ASTRONOMY
Chair: Miguel Moreno, Cedar Hall - CH/K-405, (213) 763-7322
3.00 Units
ASTRONOMY 001
ELEMENTARY ASTRONOMY (UC:CSU)
This course is a general introduction and overview of Astronomy and covers many topics including constellations, seasons, history of Astronomy, the electromagnetic spectrum, telescopes, the Earth and other planets of our solar system, the Sun, binary stars, the Milky Way, Galaxy, properties of galaxies and the Big Bang Theory. Students are kept abreast of current developments in the field.
4045 lec 4:00pm - 6:25pm MTWTh CH/ K406
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

AUTOMOTIVE AND RELATED TECHNOLOGY
Chair: Jess Guerra, Oak Hall - OH/F-106A, (213) 763-3901
3.00 Units
AUTOMOTIVE AND RELATED TECHNOLOGY 100
HEATING AND AIR CONDITIONING SYSTEMS THEORY, INSPECTION &RPR
Instruction is offered in the area of (HVAC) heating, ventilation & air conditioning systems, with emphasis on function & testing of heater controls, heater cores, air conditioning compressors, clutch & components.
7304 lec 7:00am - 7:55am MTWTh OH/F SERRATO OH/F106
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
& lab 7:55am - 1:20pm MTWTH R.C. SERRATO OH/F106
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
AUTOMOTIVE AND RELATED TECHNOLOGY 114
STEVING,SUSPENSION, BRAKES,PRINCIPLES AND PRACTICES (CSU)
This course provides instruction in the theory, design, principles, diagnostics, and proper system service of automotive brake, suspension, and steering systems.
7306 lec 7:00am - 7:55am MTWTh OH/F224
& lab 7:55am - 1:20pm MTWTh OH/F108
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

AUTOMOTIVE AND RELATED TECHNOLOGY 121
BASIC ENGINE THEORY INSPECTION AND REPAIR (CSU)
This course offers instruction in the types of operating principles and performance characteristics of automotive engines. Applied mathematics and related physics are emphasized throughout the course. Students will disassemble and assemble a complete engine and apply related theory to factory procedures.
7300 lec 7:00am - 7:55am MTWTh OH/F116
& lab 7:55am - 1:20pm MTWTh OH/F108
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

AUTOMOTIVE AND RELATED TECHNOLOGY 144
CALIFORNIA STATE BUREAU OF AUTOMOTIVE REPAIR CLEAN AIR CAR
The course is designed to upgrade knowledge of the students who are currently employed in the automotive field. This course also prepares students for employment and licensing in the California State Smog Check Program and prepares them for the California State Smog License Examination. Materials and content comply with Bureau of Automotive Repair requirements.
7303 lec 7:00am - 7:55am MTWTh OH/F128
& lab 7:55am - 1:20pm MTWTh OH/F104
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

AUTOMOTIVE COLLISION REPAIR
Chair: Jess Guerra, Oak Hall - OH/F-106A, (213) 763-3901
3.00 Units
AUTOMOTIVE COLLISION REPAIR 149
ESTIMATING BODY DAMAGE
Students are taught body repair and computerized estimating collision
7305 lec 1:30pm - 2:25pm MTWTh OH/F132
& lab 2:25pm - 6:55pm MTWTh OH/F110
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
Summer 2015 Class Schedule

AUTOMOTIVE COLLISION REPAIR 226 3.00 Units
AUTOMOTIVE COLLISION REPAIR I
This course introduces students to MG welding, aluminum welding, and resistance welding. Students will learn to repair and replace body panels on unibody and full-frame vehicles. Reparining and replacing structural panels made of High Strength Steel (HSS), Advanced High Strength Steel (AHSS), and Ultra High Strength Steel (UHSS) are incorporated into this course. Students will learn aluminum welding techniques and panel bonding for both aluminum and steels. Students will understand the proper techniques of body structural sectioning and anti-corrosion protection. Students will repair vehicles to industry standards.
7301 lec 7:00am - 7:55am MTWTh OH/F 132
& lab 7:55am - 1:20pm MTWTh OH/F 100
(5 Week Class - Starts 6/15/2015, Ends 7/6/2015)

BASIC SKILLS
Chair: Christina Anketell, Mariposa Hall, MA-109e, (213) 763-3741

BASIC SKILLS 002CE 0.00 Unit
BASIC ENGLISH SKILLS (NDA) (RPT 9)
Basic listening, reading, speaking, and writing skills for students with minimum English language skills.
8701 lec 8:00am - 9:30am (8 Week Class - Starts 6/15/2015, Ends 8/6/2015) MTWTh OH/F 209
8706 lec 8:00am - 9:30am (8 Week Class - Starts 6/15/2015, Ends 8/6/2015) MTWTh MA 109N
8707 lec 9:45am - 11:15am (8 Week Class - Starts 6/15/2015, Ends 8/6/2015) MTWTh MA 109N

BASIC SKILLS 023CE 0.00 Unit
COLLEGE AND SCHOLASTIC ASSESSMENT PREPARATION (NDA) (RPT 9)
This course provides students with study, computational, writing, and critical thinking skills to prepare for the college assessment test.
8709 lec 10:00am - 12:00pm (8 Week Class - Starts 6/15/2015, Ends 8/6/2015) TBA MA 109

BASIC SKILLS 033CE 0.00 Unit
BASIC MATH SKILLS (NDA) (RPT 9)
This course is designed to strengthen basic math skills. Topics include properties, rounding, estimating, comparing, converting, and computing whole numbers, fractions, and decimals. Upon completion, students should be able to perform basic computations and solve relevant mathematical problems.
8702 lec 9:45am - 10:30am & lab 10:30am - 11:15am (8 Week Class - Starts 6/15/2015, Ends 7/23/2015) MTWTh OH/F 209
8708 lec 11:30am - 12:00pm & lab 12:00pm - 1:00pm (8 Week Class - Starts 6/15/2015, Ends 7/23/2015) MTWTh MA 109N

BASIC SKILLS 043CE 0.00 Unit
SOFTSKILL BASICS 1C - PRE-EMPLOYMENT READINESS (NDA) (RPT 9)
This course provides an introduction for starting successful employment at a new job. Topics include: making good first impressions, basic workplace expectations, developing good work habits, time management, communication skills, dealing with job-related stress, and techniques for good interpersonal relationships.
8790 lec 9:30am - 10:30am (2 Week Class - Starts 6/15/2015, Ends 6/26/2015) TBA - MA 109A-1

BASIC SKILLS 045CE 0.00 Unit
MICROSOFT OFFICE APPLICATION BASICS (NDA) (RPT 9)
An introduction to basic functions of Microsoft Office® applications namely Word®, Excel®, Outlook®, and PowerPoint®.
8926 lec 7:30am - 9:30am (2 Week Class - Starts 8/21/2015, Ends 8/30/2015) SA/H 209

BASIC SKILLS 060CE 0.00 Unit
BASIC COMPUTER LITERACY (NDA) (RPT 9)
This course introduces basic computer components and functions including computer hardware, software, using the internet, operating systems, and software applications, (e.g. word processing, spreadsheets, email and communications).
8710 lec 11:30am - 12:00pm & lab 12:00pm - 1:00pm (8 Week Class - Starts 6/15/2015, Ends 8/6/2015) MTWTh CH/K 304

BIOLOGY
Chair: Miguel Moreno, Cedar Hall - CH/K-405, (213) 763-7322

BIOLOGY 003 4.00 Units
INTRODUCTION TO BIOLOGY (UC:CSU)
This is an introductory course dealing with the fundamental properties of living things. The structure and physiology of plants and animals, with emphasis on humans, are covered. Relationships between biological communities, genetics, and evolution are stressed.
1602 lec 8:30am - 9:55am & lab 10:55am - 12:00pm (8 Week Class - Starts 6/22/2015, Ends 7/24/2015) MTWTh CH/K 468
1603 lec 8:30am - 9:55am & lab 10:55am - 12:00pm (5 Week Class - Starts 6/15/2015, Ends 7/6/2015) MTWTh CH/K 468
1604 lec 8:30am - 9:55am & lab 10:55am - 12:00pm (5 Week Class - Starts 7/20/2015, Ends 8/20/2015) MTWTh CH/K 468

BUILDING CONSTRUCTION TECHNIQUES
Chair: William Elarton, Sequoia Hall - SQ/B-122, (213) 763-3701

BUILDING CONSTRUCTION TECHNIQUES 002 3.00 Units
PRE-EMPLOYMENT -APPLIED TRADES CALCULATIONS AND MEASUREMENTS
This is an entry level course in applied calculations and measurements with special emphasis on application problems encountered in the utility, manufacturing, and construction industries.
4201 lec 6:00pm - 9:00pm (8 Week Class - Starts 6/15/2015, Ends 8/8/2015) TTh TBA

BUSINESS
Dean: Nicole Albo-Lopez, Aspen Hall - AH/TE-511, (213) 763-7025

BUSINESS 001 3.00 Units
INTRODUCTION TO BUSINESS (UC:CSU)
Special emphasis is placed on the meaning and purpose of business in our society, the historical development of business, the general economic setting for business today, and the following business areas: forms of business organization, manufacturing, marketing, human relations, financing, accounting, budgeting, reports, government-based relations and the social responsibilities of people in business.
10203 lec 9:30am - 12:00pm (5 Week Class - Starts 6/15/2015, Ends 7/8/2015) MTWTh CH/K 210

BUSINESS 032 3.00 Units
BUSINESS COMMUNICATIONS (CSU)
The course emphasizes the concepts of successful written and oral communication skills in business in order to write effective business communications including letters, electronic communications, and short reports. This course also helps students develop the ability to create and present oral presentations.
10206 lec 7:00am - 9:30am (5 Week Class - Starts 6/15/2015, Ends 7/16/2015) MTWTh CH/K 210

CARPENTRY
Chair: William Elarton, Sequoia Hall - SQ/B-122, (213) 763-3701

CARPENTRY 105 3.00 Units
CALCULATIONS AND MEASUREMENT FOR WOODWORKING STUDENTS I
This course covers the basic math skills needed to perform in the construction field. Emphasis is placed on the basic operations and how they are applied to carpentry. Measurement calculations will be performed in both standard and metric measurements.
4615 lec 6:00pm - 9:00pm (8 Week Class - Starts 6/15/2015, Ends 8/8/2015) MW SQ/ B301
### Summer 2015 Class Schedule

#### CHEMISTRY
Chair: Miguel Moreno, Cedar Hall - CH/K-405, (213) 763-7322

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<tr>
<th>Course Code</th>
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<th>Units</th>
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<tbody>
<tr>
<td>CHEM 051</td>
<td>Fundamentals of Chemistry I (UC-CSU)</td>
<td>5.00 Units</td>
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<tr>
<td>CHEM 102</td>
<td>General Chemistry II (UC-CSU)</td>
<td>5.00 Units</td>
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#### CHILD DEVELOPMENT
Chair: Freddie McClain, Aspen Hall - AH/TE-516, (213) 763-9396

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<tbody>
<tr>
<td>CHILD 001</td>
<td>Child Development</td>
<td>3.00 Units</td>
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<tr>
<td>CHILD GROWTH AND DEVELOPMENT (UC-CSU)</td>
<td>3.00 Units</td>
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<tr>
<td>CHILD 002</td>
<td>Early Childhood: Principles and Practices (CSU)</td>
<td>3.00 Units</td>
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<tr>
<td>CHILD 010</td>
<td>Health, Safety and Nutrition (CSU)</td>
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<tr>
<td>CHILD 034</td>
<td>Observing and Recording Children’s Behavior (CSU)</td>
<td>3.00 Units</td>
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<td>CHILD 042</td>
<td>Teaching in a Diverse Society (CSU)</td>
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<tr>
<td>COMMUNICATION STUDIES</td>
<td>3.00 Units</td>
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<tr>
<td>COMMUNICATION STUDIES 101</td>
<td>Public Speaking (UC-CSU)</td>
<td>3.00 Units</td>
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### Examples of Course Descriptions

**Chemistry**

**CHEM 051 Fundamentals of Chemistry I (UC-CSU)**
Prerequisite: Mathematics 114 or Mathematics 115; This course has laboratory emphasis on the principles of inorganic chemistry and introduces elementary organic chemistry. It is planned primarily for health science majors, as a preparatory course for higher-level chemistry courses, and for non-science majors requiring a one-semester course with laboratory. High school students may obtain both: high school and college credit for this course. UC-CSU systems limit Chem 51 to one course.

**CHEM 102 General Chemistry II (UC-CSU)**
Prerequisite: Chemistry 101; This course is a continuation of General Chemistry I. It includes detailed study of chemical equilibrium, kinetics, electrochemistry, nuclear and coordination chemistries. Quantitative and qualitative analysis and inorganic preparations are a part of the laboratory. This course is part of the transfer sequence for careers in the physical, biological, and health sciences and a requirement for the Associate of Sciences Degree in Chemistry.

**Child Development**

**CHILD 001 Child Development**
Advisory: English 28; This course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

**CHILD 002 Early Childhood: Principles and Practices (CSU)**
Prerequisite: Child Development 1; An examination of the theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, 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.

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### Additional Information

- **Schedule of Classes Updated: April 8, 2015**
- **Los Angeles Trade-Technical College**
COMMUNITY PLANNING/ECONOMIC DEVELOPMENT
Chair: John McDowell, Mariposa Hall - MA-005, (213) 763-7129

COMMUNITY PLANNING/ECONOMIC DEVELOPMENT 011 3.00 Units
PROFESSIONAL DEVELOPMENT SKILLS/ISSUES IN COMMUNITY DEV (CSU)
Students will learn to identify and understand a variety of personal, professional development strategies, writing and communication skills and industry networks/language used by professionals in community development corporations, community-organizing networks and community-based non-profit organizations.
3270 lec 6:35pm - 8:55pm MTWTh TBA
(5 Week Class - Starts 6/15/2015, Ends 7/17/2015)

COMMUNITY PLANNING/ECONOMIC DEVELOPMENT 017 3.00 Units
LEADERSHIP DEVELOPMENT AND SKILL BUILDING
In this course students will learn to define leadership models in which all members of society play pivotal roles in change. Students will demonstrate multicultural appreciation and have the confidence to see themselves as community change agents.
3271 lec 6:35pm - 8:55pm MTWTh TBA
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

COMPUTER APPLICATIONS OFFICE TECHNOLOGIES
Chair: Christine Arentell, Mariposa Hall, MA-100c, (213) 763-3741

COMPUTER APPLICATIONS OFFICE TECHNOLOGIES 082 3.00 Units
MICROCOMPUTER SOFTWARE SURVEY IN THE OFFICE (CSU)
This course is an introduction to office information systems and computer literacy by incorporating group discussions, research, and hands-on-experience in a variety of Windows applications. The software used in this course includes word processing, spreadsheets, databases, communications, graphics and operating systems, scheduling, and the Internet.
9506 lec 8:00am - 9:30am MTWTh CH/ K208
& lab 9:30am - 11:35am MTWTh CH/ K208
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

COMPUTER INFORMATION SYSTEMS
Chair: Eric Chavez, Cedar Hall - CH/K-325, (213) 763-3782

COMPUTER INFORMATION SYSTEMS 701 3.00 Units
INTRODUCTION TO COMPUTERS AND THEIR USES (UC/CSU)
Advisory: English 21; Mathematics 105;
The students will be introduced to computer applications using Microsoft Office--Word, Excel, Access are covered. Also, the students will learn to integrate different applications, and understand the fundamentals of the Windows operating system.
0542 lec 7:00am - 9:30am MTWTh CH/ K307
& lab 8:30am - 10:00am MTWTh CH/ K307
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

COMPUTER INFORMATION SYSTEMS 739 3.00 Units
PROGRAMMING IN C++ (UC/CSU)
Advisory: Computer Information Systems 701;
This class provides an introduction to the use of the C++ programming system. It emphasizes the syntax and grammar of its coding language. The method of instruction is the use of the system to implement computer application projects using the traditional programming structures of sequence, selection, and loops, use of functions, arrays and strings and how different data types work.
0543 lec 10:30am - 12:00pm MTWTh CH/ K307
& lab 12:00pm - 1:30pm MTWTh CH/ K307
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

COSMETOLOGY
Chair: Elton Robinson, MH-241E, (213) 763-7138

COSMETOLOGY 210 3.00 Units
INTRODUCTION TO HAIR COLORING
Prerequisite: Cosmetology 112;
Students are offered an introduction to basic hair coloring categories, applications and bleaching techniques. In addition, the course will concentrate on hair coloring, hair styling, and permanent waving procedures.
4301 lec 4:00pm - 5:10pm MTWTh MH 247
& lab 5:10pm - 9:05pm MTWTh MH 247
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
7001 lec 7:00am - 8:10am MTWTh MH 247
& lab 8:10am - 12:05pm MTWTh MH 247
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
7005 lec 7:00am - 8:10am MTWTh MH 247
& lab 8:10am - 12:05pm MTWTh MH 247
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

COSMETOLOGY 211 3.00 Units
INTERMEDIATE HAIR COLORING AND STYLING
Prerequisite: Cosmetology 112;
Students are offered an introduction to intermediate hair coloring, bleaching and toning applications and techniques. In addition, the course will concentrate on hair cutting, hair styling, and skin care procedures.
4302 lec 4:00pm - 5:10pm MTWTh MH 247
& lab 5:10pm - 9:05pm MTWTh MH 247
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
7002 lec 7:00am - 8:10am MTWTh MH 247
& lab 8:10am - 12:05pm MTWTh MH 247
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
7006 lec 7:55am - 8:10am MTWTh MH 247
& lab 8:10am - 12:05pm MTWTh MH 247
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

COSMETOLOGY 214 3.00 Units
ADVANCED HAIR COLORING AND STYLING
Prerequisite: Cosmetology 112;
Students are offered instruction in permanent hair coloring applications, color correction techniques, zonal and block highlighting effects. In addition, the course will concentrate on hair cutting, thermal hair styling, long hair design and nail technology.
4303 lec 4:00pm - 5:10pm MTWTh MH 247
& lab 5:10pm - 9:05pm MTWTh MH 247
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
7003 lec 7:00am - 8:10am MTWTh MH 247
& lab 8:10am - 12:05pm MTWTh MH 247
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
7007 lec 7:00am - 8:10am MTWTh MH 247
& lab 8:10am - 12:05pm MTWTh MH 247
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

COSMETOLOGY 215 3.00 Units
CONTEMPORARY STYLING TECHNIQUES
Prerequisite: Cosmetology 112;
Students receive instruction in advanced hair design, hair coloring, hair sculpting, and chemical texture services.
4304 lec 4:00pm - 5:10pm MTWTh MH 247
& lab 5:10pm - 9:05pm MTWTh MH 247
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
7004 lec 7:00am - 8:10am MTWTh MH 247
& lab 8:10am - 12:05pm MTWTh MH 247
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
7008 lec 7:00am - 8:10am MTWTh MH 247
& lab 8:10am - 12:05pm MTWTh MH 247
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

CULINARY ARTS
Chair: Steven Kasmar, Sage Hall - SA/H-118, (213) 763-7332

CULINARY ARTS 111 4.00 Units
CULINARY ARTS ORIENTATION I (CSU)
Prerequisite: Culinary Arts 112; Corequisite: Culinary Arts 112
With a combination of lecture and lab practice, the students are introduced to the world of commercial food production. Students are introduced to culinary theories and develop skills in knife handling, ingredient identification, small and large equipment use, weights and measures, recipe development and cooking fundamentals.
7501 lec 9:30am - 10:45am TWTh SA/ H132
& lab 10:45am - 3:00pm TWTh SA/ H107
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

CULINARY ARTS 112 2.00 Units
Sanitation and Safety (CSU)
corequisite: Culinary Arts 111
This class discusses sanitation and safety as it applies to the restaurant industry; HACCP protocol, preventing food borne outbreaks, introduction to microbiology and establishing ‘flow of food systems’ will be covered, federal, state and local legislation and employee training. National Restaurant Association Serve Safe Test will be given at conclusion of this class.
7501 lec 7:00am - 10:20am MW MH 305
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
The student learns how to draw in digital environments and visualize multiple disciplines into a single digital model. This procedure eliminates many of the uncertainties found during the cycle of a building from ‘cradle to cradle’. CADD and BIM drawings can create automatically electronic controls that support the use of this alternative fuel.

CADD and BIM transform every field, as it connects transparency and accountability. CADD and BIM symbols, templates and standards are used to present the theory and production techniques involved in the preparation of stocks, soups, sauces, starches, and vegetables in a classical and contemporary cooking approach. Students will develop a comprehensive understanding of the role and application of sauce pairing with the center of the plate, vegetables, starches, and dessert items. This is an entry level course in electrical calculations and measurements with special emphasis on the National Electrical Code. Virtual information models made with CAD and BIM transform every field, as it connects data to place and space. This course covers CAD (Computer Aided Drafting) and BIM (Building Information Model) for Mechanical, Electrical and Plumbing fundamentals, as it applies to the Architecture Field. Standards, codes, regulatory frameworks and templates are applied as per industry guidance. The student learns how to draw in digital environments and visualize multiple disciplines into a single digital model. This procedure eliminates many of the uncertainties found during the construction phase as well as clashing, scheduling conflicts, construction alignment and ‘cradle to cradle’ strategies.

This course offers study in the Fundamentals of D.C. Electricity. Subjects include: Electrical safety, the basic principles of atomic structure, electrical quantities, static electricity, magnetism, induction, resistors, series circuits, parallel circuits, a study of AC, electricity, the basic principles of atomic structure, electrical quantities, static electricity, magnetism, induction, resistors, series circuits, parallel circuits, and current laws. Other topics include fiscal and monetary policy, deficit spending and public choice, economic fluctuations and business cycles. Other topics include fiscal and monetary policy, deficit spending and public choice, economic fluctuations and business cycles. Other topics include fiscal and monetary policy, deficit spending and public choice, economic fluctuations and business cycles. Other topics include fiscal and monetary policy, deficit spending and public choice, economic fluctuations and business cycles.
### ELECTRICAL CONSTRUCTION AND MAINTENANCE 171
3.00 Units
**ELECTRICAL CODES AND ORDINANCES I**
Basic electrical codes and ordinances are the focus of this course. General codes, wiring methods and fittings, and circuit requirements specified in the various ordinances are reviewed.

**ELECTRICAL CONSTRUCTION AND MAINTENANCE 183**
3.00 Units
**RESIDENTIAL ELECTRIC WIRING**
This course covers the design and layout of residential electrical wiring in accordance with the National Electrical Code and recognized best trade practices.

**ELECTRICAL CONSTRUCTION AND MAINTENANCE 191**
2.00 Units
**COMMERCIAL WIRING AND PRACTICES**
Instruction is given in installation of wiring systems such as non-metallic sheathed cable, armored cable, flexible metal conduit, electrical metallic tubing, and PVC. Emphasis is given on National Electric Code standards.

**ELECTRICAL CONSTRUCTION AND MAINTENANCE 192**
2.00 Units
**RESIDENTIAL WIRING AND PRACTICES**
The course content includes the installation of residential wiring materials including non-metallic sheathed cable, armored cable and flexible metal conduit for outlets, appliances and lighting.

### ELECTRICAL LINEMAN
Chair: William Elarton, Sequoia Hall - SQ/ B-122, (213) 763-3701

Please see Power Line Mechanic – Trainee on page 12

### ELECTRONICS
Chair: Eric Chavez, Cedar Hall - CH/K-325, (213) 763-3782

**ELECTRONICS 002**
3.00 Units
**INTRODUCTION TO ELECTRONICS (CSU)**
An overview of the field of applied electronics and its employment opportunities. Introduction to components, nomenclature and symbols. A familiarization of equipment, specifications and physical units. This is a broad introductory course for all students who need a survey of electronic applications and principles. Electronics as applied both historically and in today's society is investigated. Typical topics included are a study of the natural forces that make electronics possible, present applications of electronics to the fields of medicine, transportation, science, communications, industry, and the start of the digital invasion into our homes and work.

**ELECTRONICS TECHNOLOGY 150**
3.00 Units
**SOLDERING SURFACE MOUNT TECHNOLOGY**
This course provides an introduction of through hole soldering technology as well as principles of surface mount rework. It covers the age of specific equipment used in that process and provide a framework for learning about various rework methods. Recommended procedures for removal and replacement of surface mount chip components are also covered.

**ENGINEER-OPR/MAINTENANCE - APPRENTICE**
Chair: William Elarton, Sequoia Hall - SQ/B-122, (213) 763-3701

**ENGINEER-OPR/MAINTENANCE - APPRENTICE 727**
2.00 Units
**INDUSTRIAL MECHANICS FOR APPRENTICES**
Principles and practices for application of electro mechanics in environmental and manufacturing process control. The course will cover the use of devices and equipment in the control of industrial production and the maintenance of a healthy and comfortable environment in buildings.

### ENGLISH
Chair: Jan Gangel-Vasquez, Aspen Hall, AH/TE-515, (213) 763-3929

**ENGLISH 021**
3.00 Units
**ENGLISH FUNDAMENTALS (NDA)**
Prerequisite: Placement Exam or Learning Skills 2C or Basic Skills 2CE
This course focuses on the fundamentals of academic reading, writing, and critical thinking. It reinforces basic skills such as the correct use of punctuation, spelling, and sentence structure. Students incorporate these skills, along with sentence combining techniques, to write single paragraph responses progressing to short essays (250-500 words) that have an introduction, body, and conclusion.

### ENGINEERING, GENERAL
Chair: Miguel Moreno, Cedar Hall - CH/K-405, (213) 763-7322

**ENGINEERING, GENERAL 101**
2.00 Units
**INTRODUCTION TO SCIENCE, ENGINEERING AND TECHNOLOGY (UC:CSU)**
1609 lec 9:35am - 10:25am MTWTh A/ NAVARRO CH/K262
& lab 10:25am - 12:15pm MTWTh A/ NAVARRO CH/K262
(5 Week Class - Starts 6/15/2015, Ends 7/23/2015)

### PRINT READING
This course covers instruction in basic blueprint reading including symbols identification. Various drawing types, the information contained, and the primary uses for each type of drawing will be covered.

### ENGLISH
Chair: Jan Gangel-Vasquez, Aspen Hall, AH/TE-515, (213) 763-3929

**ENGLISH 021**
3.00 Units
**ENGLISH FUNDAMENTALS (NDA)**
Prerequisite: Placement Exam or Learning Skills 2C or Basic Skills 2CE
This course focuses on the fundamentals of academic reading, writing, and critical thinking. It reinforces basic skills such as the correct use of punctuation, spelling, and sentence structure. Students incorporate these skills, along with sentence combining techniques, to write single paragraph responses progressing to short essays (250-500 words) that have an introduction, body, and conclusion.

**ENGINEER-OPR/MAINTENANCE - APPRENTICE 740**
4.00 Units
**TECHNICAL RELATIONS AND REPORTS FOR ENGINEERS**
The techniques used in maintaining wholesome and mutually beneficial relations with tenants and others is the primary purpose of this course. The need to understand the needs of all persons associated with a building is stressed. Instruction in the use of systems to maintain records and deliver timely and accurate reports is provided.

**ENGINEER-OPR/MAINTENANCE - APPRENTICE 747**
2.00 Units
**ELECTRICAL TROUBLESHOOTING**
This course covers the basic principles and practices of electrical equipment and system troubleshooting. Proper use of tools and safety equipment will be covered.

**ENGINEER-OPR/MAINTENANCE - APPRENTICE 749**
2.00 Units
**HVACR II**
This course introduces advanced principles and practices for the installation and maintenance of residential, commercial, and industrial heating, air conditioning, ventilation, and refrigeration systems. Equipment selection, maintenance, and safety will be covered.

**ENGINEER-OPR/MAINTENANCE - APPRENTICE 751**
4.00 Units
**PRINT READING**
This course covers instruction in basic blueprint reading including symbols identification. Various drawing types, the information contained, and the primary uses for each type of drawing will be covered.

**ENGINEER-OPR/MAINTENANCE - APPRENTICE 753**
2.00 Units
**ENGINEERING, GENERAL**
Chair: Miguel Moreno, Cedar Hall - CH/K-405, (213) 763-7322

**ENGINEERING, GENERAL 101**
2.00 Units
**INTRODUCTION TO SCIENCE, ENGINEERING AND TECHNOLOGY (UC:CSU)**
1609 lec 9:35am - 10:25am MTWTh A/ NAVARRO CH/K262
& lab 10:25am - 12:15pm MTWTh A/ NAVARRO CH/K262
(5 Week Class - Starts 6/15/2015, Ends 7/23/2015)
English 101. It emphasizes logical reasoning, analysis, and strategies of argumentation using fiction, non-fiction, memoirs, drama, and/or poetry. This course prepares students for English 101.  

Prerequisite: English 101; Colege Reading and Composition (UC:CSU)  

ENGLISH 102  
intermediate Reading and Composition  
Prerequisite: English 21; Corequisite: English 67. This class prepares students for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. Students plan, draft, revise, and edit compositions of increasing sophistication and complexity, progressing from multi-paragraph essays to research papers. Writing is based on readings that cover topics that challenge students' thinking and provide an intellectual background for the assignments. Readings, discussion, and writing assignments may focus on fiction, non-fiction, memoirs, drama, and/or poetry. This course prepares students for English 101.  

1340 lec 8:00am - 10:05am MTWTh AH/T E208  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
1341 lec 11:00am - 1:05pm MTWTh AH/T E310  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
3828 lec 6:00pm - 8:05pm MTWTh AH/T E208  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
3832 lec 3:00pm - 5:10pm MTWTh AH/T E310  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  

ENGLISH 100  
ACCELERATED PREP: COLLEGE WRITING (NDA)  
Corequisite: English 67; Advisory: This class prepares students for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. Students plan, draft, revise, and edit compositions of increasing sophistication and complexity, progressing from multi-paragraph essays to research papers. Writing is based on readings that cover topics that challenge students' thinking and provide an intellectual background for the assignments. Readings, discussion, and writing assignments may focus on fiction, non-fiction, memoirs, drama, and/or poetry. This course prepares students for English 101.  

1342 lec 8:00am - 10:05am MTWTh AH/T E206  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
Section #1342 - Concurrent enrollment with Basic Skills 002CE.  
1343 lec 11:00am - 1:05pm MTWTh AH/T E206  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
Section #1343 - Concurrent enrollment with Basic Skills 002CE.  
1345 lec 3:00pm - 5:05pm MTWTh AH/T E206  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
3840 lec 6:00pm - 8:05pm MTWTh AH/T E206  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  

ENGLISH 101  
COLLEGE READING AND COMPOSITION I (UC:CSU)  
Prerequisite: English 28; In English 101, students extend their knowledge of the principles and structure of academic writing beyond the level of English 28 through the practice of writing essays and the analysis of non-fiction and select short and full-length fiction. The course includes an introduction to persuasive discourse, research skills, critical reading and thinking, and argumentation. Various compositions and extensive research assignments are required. English 101 fulfills the writing requirement for the Associate of Arts degree and fulfills the transfer requirement to a four-year college.  

1344 lec 8:00am - 10:05am MTWTh AH/T E215  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
1345 lec 11:00am - 1:05pm MTW AH/T E210  
& lec 2:05 hrs/wk TBA ON LINE  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  

Please visit the online program homepage at http://moodle.lattc.edu prior to the start of class for directions, or see the “Online Class” section of this schedule for more information.  

1346 lec 3:00pm - 5:05pm MTWTh AH/T E213  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
1350 lec 6:00pm - 8:05pm MTWTh AH/T E213  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
1352 lec 11:00am - 1:05pm MTWTh AH/T E212  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
1353 lec 8:00am - 10:05am MTWTh AH/T E212  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  

ENGLISH 102  
COLLEGE READING AND COMPOSITION II (UC:CSU)  
Prerequisite: English 101; This course develops critical thinking, reading, and writing skills beyond the level achieved in English 101. It emphasizes logical reasoning, analysis, and strategies of argumentation using literature and theories of literary criticism. Evaluations are made of texts that reveal the multicultural aspects of society, which include traditional and contemporary forms in fiction, poetry, essays, and drama.  

1354 lec 8:00am - 10:05am MTW AH/T E210  
& lec 2:15 hrs/wk TBA - L.M. MORENO ON LINE  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  

Please visit the online program homepage at http://moodle.lattc.edu prior to the start of class for directions, or see the “Online Class” section of this schedule for more information.  

ENGLISH 103  
COMPOSITION AND CRITICAL THINKING (UC:CSU)  
Prerequisite: English 101; English 103 helps students to develop their critical thinking and writing skills beyond the level achieved in English 101. The course emphasizes the application of research, logical reasoning, analysis, and strategies of argumentation in critical thinking and writing, using literature (both fiction and non-fiction) and literary criticism as subject matter.  

1347 lec 11:00am - 1:05pm MTWTh AH/T E215  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
1351 lec 8:00am - 10:05am MTWTh AH/T E212  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
3829 lec 6:00pm - 7:50pm MTWTh AH/T E212  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  

ENGLISH AS A SECOND LANGUAGE - Noncredit  
Chair: Christina Anketell, Mariposa Hall, MA-109e, (213) 763-3741  

ENGLISH AS A SECOND LANGUAGE - Noncredit 006CE  
ENGLISH AS A SECOND LANGUAGE - 0 (NDA) (RPT 9)  
This course basic listening, reading, speaking, and writing skills for ESL learners with zero to minimum English language skills. Students will learn basic pronunciation, survival vocabulary, cultural differences, self-sufficiency for tasks and activities, and basic English structure.  

5700 lec 8:00am - 7:30pm MTWTh OH/ F228  
(6 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
8711 lec 8:00am - 10:05am MTWTh STAFF OH/F228  
(6 Week Class - Starts 6/15/2015, Ends 8/6/2015)  

ENGLISH AS A SECOND LANGUAGE - Noncredit 007CE  
ENGLISH AS A SECOND LANGUAGE - 1 (NDA) (RPT 9)  
This course basic listening, reading, speaking, and writing skills for ESL learners with zero to minimum English language skills. Students will learn basic pronunciation, survival vocabulary, cultural differences, self-sufficiency for tasks and activities, and basic English structure.  

5701 lec 8:00am - 7:30pm MTWTh CY/ D204  
(6 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
8712 lec 8:00am - 10:05am MTWTh CY/ D204  
(6 Week Class - Starts 6/15/2015, Ends 8/6/2015)  

ENGLISH AS A SECOND LANGUAGE - Noncredit 008CE  
ENGLISH AS A SECOND LANGUAGE - 2 (NDA) (RPT 9)  
Listening, reading, speaking, and writing skills for ESL learners with some English language skills.  

5702 lec 6:00pm - 7:50pm MTWTh CY/ D200  
(6 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
8713 lec 8:00am - 10:05am MTWTh CY/ D200  
(6 Week Class - Starts 6/15/2015, Ends 8/6/2015)  

ENVIRONMENTAL SCIENCE  
Chair: Miguel Moreno, Cedar Hall - CHK-405, (213) 763-7322  

ENVIRONMENTAL SCIENCE 001  
3.00 Units  
THE HUMAN ENVIRONMENT: PHYSICAL PROCESSES (UC:CSU)  
Introduction to the environmental mechanisms that constitute our life support systems and the social, political and economic factors that are the ultimate cause of these problems. This includes an examination of the difference between science and technology and the limits to technological solutions to our environmental problems. The basic science required to understand how our environmental systems work is presented followed by analysis of the essential components of our life support systems and how we impact them. Finally, the major environmental issues are analyzed along with potential solutions to these problems where they exist.  

1610 lec 1:15pm - 3:40pm MTWTh  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
Summer 2015 Class Schedule

ESL CIVICS
Chair: Christina Anketell, Mariposa Hall, MA-109e, (213) 763-3741

ESL CIVICS 013C
ESL AND CIVICS 4 (NDA) (RPT 9)
8700 lec 10:30am - 12:35pm M T W Th CY/D 200
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

PHYSICAL GEOGRAPHY (UC:CSU)
GEOGRAPHY 001
Chair: Miguel Moreno, Cedar Hall
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

FASHION DESIGN
Chair: Carole Anderson, Cypress Hall - CY/D-222, (213) 763-3642

FASHION DESIGN 118
ADVANCED CLOTHING CONSTRUCTION
Prerequisite: Fashion Design 111; The objective of this course is to advance the sewing skills of students using specialized machinery. Students will construct garments using knit fabric, lycra/spandex, and chiffon.
7061 lec 8:00am - 8:45am M T W Th CY/D 332
& lab 8:45am - 11:00am M T W Th STAFF CY/D 332
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

FASHION DESIGN 139
COORDINATED SPORTSWEAR (CSU)
Prerequisite: Fashion Design 132; Advisory: Fashion Design 118; Fashion Design 138; Instruction is given on the development of coordinated sportswear including story board presentation and critique. This class has been developed to focus on this most important component of the local apparel industry with concentration on jacket and pant construction and coordination of multiple fabrications within a group.
7094 lec 8:00am - 8:45am M T W Th CY/D 230
& lab 8:45am - 11:00am M T W Th CY/D 230
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

FASHION DESIGN 264
APPPAREL COMPUTER SYSTEMS ANALYSIS (CSU)
This lab course demonstrates how the apparel industry uses commercial and Vendor apparel technology in the global market. Topics covered are apparel software and commercial hardware used to design and manufacture products.
7140 lec 12:00pm - 12:45pm M T W Th CY/D 132
& lab 12:45pm - 2:25pm M T W Th CY/D 132
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

FASHION DESIGN 270
ILLUSTRATOR FOR FASHION DESIGN
This course offers Adobe Illustrator instruction using the Macintosh computer. Emphasis is placed on the preparation and input of fashion design ideas in flat drawings for portfolios, pattern information cards, and cost sheets as required to meet industry standards.
7123 lab 12:00pm - 4:30pm M T W Th CY/D 203
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

FASHION MERCHANDISING
Chair: Carole Anderson, Cypress Hall - CY/D-222, (213) 763-3642

FASHION MERCHANDISING 020
APPPAREL PRODUCT DEVELOPMENT (CSU)
Advisory: English 101; Mathematics 105 This course covers the step by step development of apparel products in a retail or wholesale environment. Students will use research, merchandising knowledge and the application of merchandising concepts and theories in a simulated process. The course includes visual presentation of design concepts, raw materials sourcing, overviews of production technology, wholesale marketing and retail distribution. Special emphasis is placed on the California apparel industry.
7167 lec 8:30am - 10:25am M T W Th CY/D 300
& lab 10:25am - 11:35am M T W Th CY/D 300
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

GEOGRAPHY
Chair: Miguel Moreno, Cedar Hall - CHK-405, (213) 763-7322

GEOGRAPHY 001
PHYSICAL GEOGRAPHY (UC:CSU)
This course studies the physical environment of earth. Emphasis is placed on climate, soils, vegetation, landforms, maps, weather systems, oceans, and the atmosphere, and their pattern on Earth.
4047 lec 6:35pm - 9:00pm M T W Th TBA
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

HEALTH
Chair: Joseph Ratcliff, Willow Hall, WHU-J-202a, (213) 763-3730

HEALTH 006
NUTRITION FOR HEALTHFUL LIVING AND FITNESS ACTIVITIES (UC:CSU)
Basic nutrition theories, information for healthful food purchasing, and relationship of nutrition to disease. Benefits of exercise and techniques for body conditioning are learned. Class time includes participation in fitness activities including aerobic, developmental and flexibility exercises.
1300 lec 10:00am - 11:50am M T W Th OH/F 215
& lab 11:50am - 1:40pm M T W Th OH/K BASE
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
1320 lec 10:00am - 11:50am M T W Th OH/F 215
& lab 11:50am - 1:40pm M T W Th OH/K BASE
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

HEALTH 008
WOMEN'S PERSONAL HEALTH (UC:CSU)
A study of factors affecting physical, social and emotional well-being of women in our society.
1302 lec 12:10pm - 2:35pm M T W Th OH/F 223
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
1321 lec 12:10pm - 2:35pm M T W Th OH/F 215
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

HEALTH 011
PRINCIPLES OF HEALTHFUL LIVING (UC:CSU)
This course offers concepts to use today and tomorrow as guidelines for self-directed responsible living. Health topics cover the emotional and mental health, cardiovascular fitness, nutrition, chronic and communicable diseases, environmental issues, and the life cycle. Student is provided with self-assessments for examining their lifestyle habits and relationships, as well as, resources for getting help when they need it.
1303 lec 7:00am - 9:25am M T W Th OH/F 216
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
1304 lec 9:35am - 12:00pm M T W Th OH/F 216
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
1305 lec 12:10pm - 2:35pm M T W Th OH/F 215
1306 lec 2:45pm - 5:10pm M T W Th OH/F 216
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
1322 lec 7:00am - 9:25am M T W Th OH/F 216
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)
1323 lec 9:35am - 12:00pm M T W Th OH/F 216
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)
1324 lec 12:10pm - 2:35pm M T W Th OH/F 216
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)
1325 lec 2:45pm - 5:10pm M T W Th OH/F 216
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

HISTORY
Chair: Freddie McClain, Aspen Hall - AH/TE-516, (213) 763-3936

HISTORY 011
POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES I (UC:CSU)
Advisory: English 28 This course will examine the historical development of the United States of America from 1492 to the close of the Civil War. Emphasis is placed on the relationship of regions, the role of major ethnic and social groups, the continuity of the American experience, and its derivation from other cultures, politics, economics, social movements, and its geography.
1000 lec 7:00am - 9:25am M T W Th AHT E301
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
1010 lec 7:00am - 9:25am M T W Th AHT E301
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
1011 lec 7:00am - 9:25am M T W Th AHT E313
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)
1012 lec 6:30pm - 8:55pm M T W Th AHT E313
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)
## Summer 2015 Class Schedule

### HISTORY 012
#### 3.00 Units
**POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES II (UC:CSU)**
Advisory: English 29
This course will examine the historical development of the United States of America from the close of the Civil War to the present. Emphasis is placed on the role of the major ethnic and social groups, the continuity of the American experience, and its derivation from other cultures, politics, economics, social movements, and its geography.

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<tr>
<td>1020 lec</td>
<td>9:35am - 12:00pm</td>
<td>MTWTh AHT E301</td>
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<tr>
<td>1021 lec</td>
<td>9:35am - 12:00pm</td>
<td>MTWTh AHT E313</td>
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(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

### HISTORY 086
#### 3.00 Units
**INTRODUCTION TO WORLD CIVILIZATION I (UC:CSU)**
Advisory: English 29
Introductory survey of World Civilization to 1500. This course will examine and compare the social, economic, and political formations of various societies and world cultures. Major topics will include religion, philosophy, technology, and migration and settlement patterns.

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<tr>
<td>1005 lec</td>
<td>9:35am - 12:00pm</td>
<td>MTWTh AHT E313</td>
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(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

### HUMANITIES

Chair: John Glavan, Aspen Hall - AH/TE-520, (213) 763-3931

#### 3.00 Units
**CULTURAL PATTERNS OF WESTERN CIVILIZATION (UC:CSU)**
Prerequisite: English 29
This course is an introduction to the general concepts of the humanities. Music, painting, sculpture and architecture are studied and compared in relation to their background, medium, organization and style. Included is a survey of the most productive periods of Western history, from classical Greek through the Medieval period. Stress is placed on awareness of difference in cultural heritage, values and perspective as revealed in the arts.

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<td>1424 lec</td>
<td>7:00am - 9:55am</td>
<td>MTWTh AHT E213</td>
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(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

### KINESIOLOGY

Chair: Joseph Ratcliff, Willow Hall, WHU-202a, (213) 763-3730

#### 1.00 Unit
**KINESIOLOGY 300-1**
**AQUA AEROBICS - 1 (CSU) (RPT 1)**
Instruction and practice in deep water exercise to increase knowledge and levels of cardiovascular fitness, muscular strength and endurance, and flexibility. NO SWIMMING SKILLS REQUIRED.

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<td>2104 lec</td>
<td>5:20pm - 5:45pm</td>
<td>MTW POOL</td>
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<tr>
<td>&amp; lab</td>
<td>5:45pm - 7:45pm</td>
<td>MTW POOL</td>
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</tbody>
</table>

(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

#### 1.00 Unit
**KINESIOLOGY 300-2**
**AQUA AEROBICS - 2 (CSU)**
Prerequisite: KIN 300-1
Instruction and practice in deep water exercise to increase knowledge and levels of cardiovascular fitness, muscular strength and endurance, and flexibility. NO SWIMMING SKILLS REQUIRED. THIS COURSE BUILDS UPON KNOWLEDGE ACQUIRED IN KIN 300-1.

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<tr>
<th>Class</th>
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<tbody>
<tr>
<td>2105 lec</td>
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(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

#### 1.00 Unit
**KINESIOLOGY 329-1**
**BODY CONDITIONING - 1 (CSU)**
This class is designed to incorporate forms, concepts and techniques associated with body conditioning, including Pilates, Core Strengthening, Cardiovascular Exercise and Muscular Strength and Endurance exercises.

<table>
<thead>
<tr>
<th>Class</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>2106 lec</td>
<td>7:00am - 7:25am</td>
<td>MTWTh CH/K BASE</td>
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<tr>
<td>&amp; lab</td>
<td>7:25am - 9:25am</td>
<td>MTWTh CH/K BASE</td>
</tr>
</tbody>
</table>

(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

#### 1.00 Unit
**KINESIOLOGY 329-2**
**BODY CONDITIONING--2 (CSU)**
Prerequisite: KIN 329-1
This class is designed to incorporate intermediate forms, concepts and techniques associated with body conditioning, including Pilates, Core Strengthening, Cardiovascular Exercise and Muscular Strength and Endurance exercises.

<table>
<thead>
<tr>
<th>Class</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>2107 lec</td>
<td>7:00am - 7:25am</td>
<td>MTWTh CH/K BASE</td>
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<tr>
<td>&amp; lab</td>
<td>7:25am - 9:25am</td>
<td>MTWTh CH/K BASE</td>
</tr>
</tbody>
</table>

(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

# Schedule of Classes Updated: April 8, 2015
LEARNING SKILLS
Chair: Christina Anketell, Mariposa Hall - MA-109e, (213) 763-3741

LEARNING SKILLS 001B
READING (NDA)

This course will teach students how to apply the basic features of reading to improve their oral and silent reading fluency, draw upon a variety of learning skills and comprehension strategies to understand and respond to intermediate-level reading material, and distinguish between the structural features of expository and narrative texts. Students will progress from reading sentences to paragraphs to short selections and excerpts from longer pieces of writing. Grades are on a pass/no-pass basis. The course is repeatable up to three times to enhance skills and proficiency. This course is the first in a sequence of three progressive modules and prepares students for academic and vocational success.
0353 lab 11:30am - 1:00pm MTWTh OH/F 209
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

LEARNING SKILLS 002B
ENGLISH FUNDAMENTALS (NDA) (RPT 1)

This course covers the standard English writing conventions and language structure including grammar, punctuation, capitalization, spelling mechanics, and sentence structure. Students learn how to write simple, compound, and complex sentences. Students also learn to recognize and correct sentence fragments, run-on sentences, and demonstrate proofreading skills. Students are introduced to paragraph structures and learn to identify topic sentences, supporting details, and concluding sentences.
0350 lab 8:00am - 9:30am MTWTh OH/K 304
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

LEARNING SKILLS 002C
ENGLISH FUNDAMENTALS (NDA)

This course focuses on the fundamentals of academic writing. It reinforces basic skills such as the correct use of punctuation, spelling, and writing simple, compound, and complex sentence structures. Students incorporate these skills to develop and write paragraph responses that have a topic sentence, supporting details, and conclusions. Students are also introduced to Basic MLA formatting and work on Moodle activities and assignments.
0354 lab 8:00am - 9:30am MTWTh STAFF MA 109A-1
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

LEARNING SKILLS LAB 010B
MATH FUNDAMENTALS B (NDA)

This is a lab course which focuses on the skills needed to prepare students for academic and vocational success by teaching the ability to compute, understand, and apply the relationship between fractions, decimals, ratios, and percentages. Students will add, subtract, multiply, and divide related problems and use effective learning strategies in order to find solutions to word problems and real world situations. This course is the second in a series of three progressive Learning Skills courses offering basic math to advanced math curriculum. This class provides individualized and computer-assisted instruction.
0352 lab 9:45am - 11:15am MTWTh MA 109A-1
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

LEARNING SKILLS LAB 010C
MATH FUNDAMENTALS C (NDA)

This basic math fundamental course focuses on the learning skills needed to succeed in pre-algebra up to beginning algebra, and is designed to help students develop symbolic reasoning and calculations with symbols that are central in algebra and geometry. This class provides individualized and computer-assisted instruction. The course is repeatable up to three times to enhance skills and proficiency. This course is the third in a sequence of three progressive modules and prepares students for academic and vocational success.
0355 lab 9:45am - 11:15am MTWTh OH/K 304
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

LABOR STUDIES
Chair: John McDowell, Mariposa Hall - MA-005, (213) 763-7129

LABOR STUDIES 004
3.00 Units
LABOR IN AMERICA (UC-CSU)
Examines how labor organizations and labor laws impact workers, families and American society focusing on workplace-related issues such as job security, income, workers' rights, immigration and role of unions.
0431 lec 12:10pm - 2:35pm MTWTh AH/T E221
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
0433 lec 12:10pm - 2:35pm MTWTh AH/T E221
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

LABOR STUDIES 005
3.00 Units
GREVYANCE AND ARBITRATION PROCEDURES (CSU)
Students learn to identify, investigate, write and present grievances and arbitrations with emphasis on participant's own contract, grievance procedure and experiences.
0440 lec 8:30am - 10:20pm Sat/Sun RH/ C205
(1 Week Class - Starts 8/15/2015, Ends 8/16/2015)

LABOR STUDIES 021
3.00 Units
THE WORKING CLASS AND CINEMA (UC-CSU)
This course will examine feature film portrayals of the working class and labor unions. Students will learn to evaluate how popular culture dramatizes the struggle for workers rights and analyze how the movies have shaped public perception and values.
0430 lec 9:30am - 12:00pm MTWTh AH/T E221
0432 lec 9:30am - 12:00pm MTWTh AH/T E221
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

MACHINE SHOP - CNC
Chair: Jess Guerra, Oak Hall - OH/F-106A, (213) 763-3901

MACHINE SHOP - CNC 112B
TECHNOLOGY AND APPLICATION OF MACHINING (CAD) IB
MSNC 112B (Technology and Application of Machining (CAD) IB) is a course that will engage students with Machine Shop-specific topics related to computer aided design (CAD). Topics will include solid model creation, blueprint creation, dimensioning, product development and assembling individual parts into completed assemblies.
0601 lab 9:15am - 12:25pm MTWTh OH/F 164
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
MACHINE SHOP - CNC 132B 1.00 Unit
TECHNOLOGY AND APPLICATION OF MACHINING (CAM) III B MSCNC 132B: Technology and Application of Machining (CAM) III B is a course that will engage students with Machine Shop specific topics regarding computer aided manufacturing (CAM) computer programs. Students will create geometry, cutting tools, process information in order for the CAM program to create cutter paths that will create the correct fit, form and function on the part.

0600 lab 7:00am - 9:05am MTWTh
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

MATHEMATICS

Chair: Tayebeh Meftagh, Aspen Hall - AH/TE-506, (213) 763-7319

MATHEMATICS 105 ARITHMETIC (NDA)
Prerequisite: Mathematics 101; Corequisite: Mathematics 100
This course reviews fundamentals of arithmetic in college and business. Topics include basic operations with fractions, decimals, percent, and measurement. The course emphasizes problem solving techniques that are useful in practical situations.

1905 lec 8:00am - 10:05am MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)
1906 lec 11:00am - 1:05pm MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)
1907 lec 11:00am - 1:05pm MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)
1909 lec 11:00am - 1:05pm MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

MATHEMATICS 110 INTRODUCTION TO ALGEBRAIC CONCEPTS (NDA)
This course discusses abstract ideas necessary for understanding algebra and reviews selected topics in arithmetic relevant to algebra. Students are introduced to fundamental notions of algebra including signed numbers, variables, simple equations, proportion reasoning, applications, and modeling. This course also includes instruction in mathematics study skills.

1930 lec 11:00am - 1:30pm MTWTh A. LOPEZ AH/T E412
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

MATHEMATICS 112 PRE-ALGEBRA (NDA)
Prerequisite: Mathematics 105
This course prepares students for their first course in Algebra. Topics include brief review of arithmetic, operations with signed numbers, variables, expressions, linear equations and word problems.

1920 lec 8:00am - 10:05am MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)
1922 lec 11:00am - 1:05pm MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)
1923 lec 11:00am - 1:05pm MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)
1925 lec 3:00pm - 5:05pm MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)
4195 lec 6:00pm - 8:05pm MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

MATHEMATICS 115 ELEMENTARY ALGEBRA
Prerequisite: Mathematics 112
Topics include signed numbers, variables, the order of operations; addition, subtraction, multiplication, and division of signed numbers and polynomials. Solve linear equations, inequalities, factoring, graphs. Solve word problems, systems of equations, rational equations, radicals and quadratic equations.

1940 lec 8:00am - 10:30am MTWTh N. SIMPSON-RODGERS AH/T E306
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)
4180 lec 6:00pm - 8:30pm MTWTh
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

MATHEMATICS 121 ESSENTIALS OF PLANE GEOMETRY
Prerequisite: Mathematics 115
This course is an introduction to Euclidean geometry and it is equivalent to one year of high school geometry. This course reviews the basic geometric construction, definitions, postulates, theorems and their proofs for triangles, parallel lines and circles.

1957 lec 8:00am - 10:05am MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

MATHEMATICS 125 INTERMEDIATE ALGEBRA
Prerequisite: Mathematics 114 or Mathematics 115
This course is a study of the properties of real numbers, laws of exponents, radicals, equations & inequalities in linear and quadratic form, system of equations, matrices, graphing in two variables, rational expressions & equations, complex numbers, conic sections & their graphs, exponential and logarithmic functions.

1960 lec 8:00am - 10:30am MTWTh
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)
1961 lec 11:00am - 1:30pm MTWTh
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)
1962 lec 3:00pm - 5:30pm MTWTh
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)
4190 lec 6:00pm - 8:30pm MTWTh
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

MATHEMATICS 225 INTRODUCTORY STATISTICS (UC/CSU)
Prerequisite: Mathematics 125
The course discusses basic concepts and techniques of descriptive and inferential statistics including sampling, probability, statistical distributions, tables and graphs, central limit theory, hypothesis testing, confidence interval estimation, correlation and regression.

1976 lec 8:00am - 10:05am MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)
1977 lec 11:00am - 1:05pm MTWTh
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

MATHEMATICS 260 PRECALCULUS (UC/CSU)
Prerequisite: Mathematics 240
After a brief review of algebra with real and complex numbers, this course will cover the following topics: polynomial and rational functions with informal limits; exponential, logarithmic and trigonometric functions; systems of equations and matrices; sequences, series and the binomial theorem; conics and polar coordinates.

1981 lec 11:00am - 1:05pm MTWTh
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

NURSING, REGISTERED

Chair: Rosalie Villora, Magnolia Hall, MH-165, (213) 763-7180

NURSING, REGISTERED 119 INTRODUCTION TO NURSING

7601 lec 9:35am - 12:55pm
(3 Week Class - Starts 8/4/2015, Ends 8/20/2015)

PARALEGAL

Chair: Freddie McClain, Aspen Hall - AH/TE-516, (213) 763-3936

PARALEGAL 016 CIVIL AND CRIMINAL EVIDENCE

Students will examine the rules of court including deposition and interrogatory preparations and how each affects the admissibility of evidence in a civil or criminal proceeding.

0210 lec 9:35am - 12:00pm MTWTh
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

PERSONAL DEVELOPMENT

Chair: Thomas Dawkins, Juniper Hall, JHST-423, (213) 763-7358

PERSONAL DEVELOPMENT 002 INTERPERSONAL RELATIONSHIPS (CSU) (RPT 3)
This course enhances interpersonal skills for building effective communication for personal and professional growth. It utilizes group dynamics by enhancing self esteem through self-awareness, acceptance, ability to listen and workplace habits. An honest appraisal of individual strengths and weaknesses is made in an effort to help remove barriers to social and academic growth.

1185 lec 11:00am - 12:50pm MTWTh
(5 Week Class - Starts 6/15/2015, Ends 7/17/2015)
1186 lec 11:00am - 12:50pm TTh
(5 Week Class - Starts 6/15/2015, Ends 7/17/2015)

PERSONAL DEVELOPMENT 020 POST-SECONDARY EDUCATION: THE SCOPE OF CAREER PLANNING (CSU)
This course introduces students to the role of higher education in society and to their role as students. Students explore personal attributes needed for college success, critical thinking and effective study strategies, relating to others in a diverse world, the career planning and decision making process, and transfer and educational planning. This course will also provide students with an overview of campus resources and policies.

9510 lec 9:35am - 12:00pm MTWTh
(5 Week Class - Starts 7/6/2015, Ends 8/6/2015)

AH/T E412
AH/T E413
AH/T E408
AH/T E410
AH/T E415
AH/T E414
AH/T E308
AH/T E210
AH/T E408
AH/T E310
AH/T E410
AH/T E412
AH/T E306
AH/T E415
AH/T E408
AH/T E107
AH/T E414
AH/T E408
AH/T E410
AH/T E415
AH/T E414
AH/T E408
AH/T E410
AH/T E107
Summer 2015 Class Schedule

PHILOSOPHY
Chair: John Glavan, Aspen Hall - AH/TE-520, (213) 763-3931

PHILOSOPHY 001
INTRODUCTION TO PHILOSOPHY (UC-CSU)
This course introduces students to philosophy, covering the topics of ethics, logic and language, metaphysics, theory of knowledge, philosophy of religion, and political philosophy. Some of the questions examined include: ‘What is the good life?’ ‘What is right and wrong, and how do we know?’ ‘What is knowledge and what are its sources? Is it possible that we know nothing at all?’ ‘Does God exist?’ ‘Could we ever know?’ ‘What is the mind?’ ‘What is justice?’ ‘What is the basic nature of reality?’ An emphasis is placed on developing critical reasoning skills, and relating the topics to larger cultural issues and debates.
1431 lec 7:00am - 9:25am MTWTh
3852 lec 6:35pm - 9:00pm MTWTh
3857 lec 6:35pm - 9:00pm MTWTh
(5 Week Class - Starts 6/15/2015, Ends 7/6/2015)
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)
MTWTh
AH/T E206
AH/T E206
AH/T E206

PHYSICS
Chair: Miguel Moreno, Cedar Hall - CH/K-405, (213) 763-7322

PHYSICS 012
PHYSICS FUNDAMENTALS (UC-CSU)
Corequisite: Mathematics 113 or Mathematics 115 or Chemical Technology 113 and Chemical Technology 111.
This is a survey course describing the major areas of physics: mechanics, heat, wave motion, electricity and magnetism, electromagnetic radiation and optics. Mathematical solution of simple problems are covered. This course is not open to students receiving credit for Physics 11.
4049 lec 6:35pm - 9:00pm MTWTh
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)
MTWTh
TBA

PLUMBING
Chair: William Elarton, Sequoia Hall - SQ-B-122, (213) 763-3701

PLUMBING 026
PLUMBING LAYOUT AND ESTIMATING I
This course covers fundamentals of blueprint reading for residential plumbing with an introduction to piping layout and design and basic estimating procedures. An overview of piping and fitting nomenclature, measurements and related calculations, as well as techniques in sketching, along with orthographic, and isometric drawing creation are included.
4510 lec 6:00pm - 9:10pm MW
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)
SQ/B250

PLUMBING 027
PLUMBING LAYOUT AND ESTIMATING II
This course is a study of blueprints and specifications as related to plumbing layout and estimating. Knowledge and experience of students, including the application of codes and standards, are utilized in the creation of estimates. Principles of estimating, including materials, labor, overhead, and profit are reviewed. Layout procedures for one- and two-story residential, commercial and industrial units are examined as well as estimating procedures for each of these units. Pricing methods and bidding practices are included.
4515 lec 6:00pm - 9:10pm TTh
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)
SQ/B250

PLUMBING 028
PLUMBING CODE I
Introduction is given in plumbing codes and ordinances that affect rough-in work, in city and county areas. Installation of wastes, vents, clean-outs, traps, gas fittings, gas vents and water pipe requirements are reviewed.
8005 lec 2:30pm - 5:40pm TTh
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)
SQ/B222

POLITICAL SCIENCE
Chair: Freddie McClain, Aspen Hall - AH/TE-516, (213) 763-3936

POLITICAL SCIENCE 001
THE GOVERNMENT OF THE UNITED STATES (UC-CSU)
Advisory: English 28;
Political Science 1 is an introductory course in the principles, institutions and policy processes of the American Political System and an examination of major tenets in Federalism, Representative Government and the scope of the Executive, Legislative and Judicial powers. It offers an overview of local, state and national governance.
1002 lec 12:10pm - 2:35pm MTWTh
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)
MTWTh
AH/T E212

POWER LINE MECHANIC – TRAINEE
Chair: William Elarton, Sequoia Hall - SQ-B-122, (213) 763-3701

POWER LINE MECH TRNE 601A
POWER LINE MECHANIC - TRAINEE (600 HOURS) PART A
Prerequisite: Electrical Construction and Maintenance 116 and Electrical Construction and Maintenance 117; the goal of this course is to produce qualified candidates for various Power Line Mechanic training programs. Development of basic pre-apprentice skills needed to be successful will be emphasized. These skills include: overall safety considerations, power pole and tower climbing skills, knowledge of the basic tools and materials involved with the electrical line crafts, general construction standards, basic rigging principles, and basic electrical theory that is specific to this trade. A power pole-climbing certificate of competencies is granted to students who successfully complete this course. This course meets or exceeds the equivalent industry recognized 600 hour programs. Special Note: Students during the course of instruction will be required to lift up to 60 lbs with repetition and will be required to climb and perform installation and maintenance operations at the top of 30 foot power poles. Physical or psychological impairments that might limit your abilities to succeed should be considered. Part A is the lecture module of the standard 601 class, allows for offering the program over an extended period.
4320 lec 9:00am - 10:40am MTWThFS
(11 Week Class - Starts 6/15/2015, Ends 8/26/2015)
MTWThFS
O'H/ F208

POWER LINE MECH TRNE 601B
POWER LINE MECHANIC - TRAINEE (600 HOURS) PART B
Prerequisite: Electrical Construction and Maintenance 116 or Building Construction Techniques 4;
The goal of this course is to produce qualified candidates for various Power Line Mechanic training programs. Development of basic pre-apprentice skills needed to be successful will be emphasized. These skills include: overall safety considerations, power pole and tower climbing skills, knowledge of the basic tools and materials involved with the electrical line crafts, general construction standards, basic rigging principles, and basic electrical theory that is specific to this trade. A power pole-climbing certificate of competencies is granted to students who successfully complete this course. This course meets or exceeds the equivalent industry recognized 600 hour programs. Special Note: Students during the course of instruction will be required to lift up to 60 lbs with repetition and will be required to climb and perform installation and maintenance operations at the top of 30 foot power poles. Physical or psychological impairments that might limit your abilities to succeed should be considered. Part B is the second of 3 laboratory modules of the standard 601 class, allows for offering the program over an extended period.
4321 lab 2:00pm - 4:20pm MTWThFS
(11 Week Class - Starts 6/15/2015, Ends 8/26/2015)
MTWThFS
POLE YARD

POWER LINE MECH TRNE 601C
POWER LINE MECHANIC - TRAINEE (600 HOURS) PART C
Prerequisite: Electrical Construction and Maintenance 116 or Building Construction Techniques 4;
The goal of this course is to produce qualified candidates for various Power Line Mechanic training programs. Development of basic pre-apprentice skills needed to be successful will be emphasized. These skills include: overall safety considerations, power pole and tower climbing skills, knowledge of the basic tools and materials involved with the electrical line crafts, general construction standards, basic rigging principles, and basic electrical theory that is specific to this trade. A power pole-climbing certificate of competencies is granted to students who successfully complete this course. This course meets or exceeds the equivalent industry recognized 600 hour programs. Special Note: Students during the course of instruction will be required to lift up to 60 lbs with repetition and will be required to climb and perform installation and maintenance operations at the top of 30 foot power poles. Physical or psychological impairments that might limit your abilities to succeed should be considered. Part C is the second of 3 laboratory modules of the standard 601 class, allows for offering the program over an extended period.
4322 lab 4:20pm - 6:40pm MTWThFS
(11 Week Class - Starts 6/15/2015, Ends 8/26/2015)
MTWThFS
POLE YARD

POWER LINE MECH TRNE 601D
POWER LINE MECHANIC - TRAINEE (600 HOURS) PART D
Prerequisite: Electrical Construction and Maintenance 116 or Building Construction Techniques 4;
The goal of this course is to produce qualified candidates for various Power Line Mechanic training programs. Development of basic pre-apprentice skills needed to be successful will be emphasized. These skills include: overall safety considerations, power pole and tower climbing skills, knowledge of the basic tools and materials involved with the electrical line crafts, general construction standards, basic rigging principles, and basic electrical theory that is specific to this trade. A power pole-climbing certificate of competencies is granted to students who successfully complete this course. This course meets or exceeds the equivalent industry recognized 600 hour programs. Special Note: Students during the course of instruction will be required to lift up to 60 lbs with repetition and will be required to climb and perform installation and maintenance operations at the top of 30 foot power poles. Physical or psychological impairments that might limit your abilities to succeed should be considered. Part D is the third of 3 laboratory modules of the standard 601 class, allows for offering the program over an extended period.
4323 lab 6:40pm - 8:20pm MTWThFS
(11 Week Class - Starts 6/15/2015, Ends 8/26/2015)
MTWThFS
POLE YARD
<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROCESS PLANT TECHNOLOGY</td>
<td>3.00</td>
<td>MTWTh</td>
<td>6/15/2015</td>
<td>8/8/2015</td>
<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
<td>Miguel Moreno, Cedar Hall</td>
<td></td>
</tr>
<tr>
<td>INTRODUCTION TO PROCESS PLANT SAFETY</td>
<td>3.00</td>
<td>MTWTh</td>
<td>6/15/2015</td>
<td>8/8/2015</td>
<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
<td>Miguel Moreno, Cedar Hall</td>
<td></td>
</tr>
<tr>
<td>LIFE-SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE (UC:CSU)</td>
<td>3.00</td>
<td>MTWTh</td>
<td>6/15/2015</td>
<td>8/8/2015</td>
<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
<td>Miguel Moreno, Cedar Hall</td>
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<tr>
<td>GENERAL PSYCHOLOGY I (UC:CSU)</td>
<td>3.00</td>
<td>MTWTh</td>
<td>6/15/2015</td>
<td>8/8/2015</td>
<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
<td>Miguel Moreno, Cedar Hall</td>
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<tr>
<td>PRINCIPLES OF PUBLIC RELATIONS (CSU)</td>
<td>3.00</td>
<td>MTWTh</td>
<td>6/15/2015</td>
<td>8/8/2015</td>
<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
<td>Miguel Moreno, Cedar Hall</td>
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<tr>
<td>ELEMENTARY SPANISH I (UC:CSU)</td>
<td>5.00</td>
<td>MTWTh</td>
<td>6/15/2015</td>
<td>8/8/2015</td>
<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
<td>Miguel Moreno, Cedar Hall</td>
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<td>PROCESS PLANT TECHNOLOGY 104</td>
<td>3.00</td>
<td>MTWTh</td>
<td>6/15/2015</td>
<td>8/8/2015</td>
<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
<td>Miguel Moreno, Cedar Hall</td>
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<tr>
<td>PROCESS PLANT TECHNOLOGY 104</td>
<td>3.00</td>
<td>MTWTh</td>
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<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
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<tr>
<td>INTRODUCTION TO PROCESS PLANT SAFETY</td>
<td>3.00</td>
<td>MTWTh</td>
<td>6/15/2015</td>
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<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
<td>Miguel Moreno, Cedar Hall</td>
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<td>LIFE-SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE (UC:CSU)</td>
<td>3.00</td>
<td>MTWTh</td>
<td>6/15/2015</td>
<td>8/8/2015</td>
<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
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<td>GENERAL PSYCHOLOGY I (UC:CSU)</td>
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<td>MTWTh</td>
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<tr>
<td>PRINCIPLES OF PUBLIC RELATIONS (CSU)</td>
<td>3.00</td>
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<td>6/15/2015</td>
<td>8/8/2015</td>
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<td>Miguel Moreno, Cedar Hall</td>
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<td>ELEMENTARY SPANISH I (UC:CSU)</td>
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<td>MTWTh</td>
<td>6/15/2015</td>
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<td>6:00pm - 9:10pm</td>
<td>CH/K 424</td>
<td>Miguel Moreno, Cedar Hall</td>
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### SUPPLY WATER TECHNOLOGY
Chair: William Elarton, Sequoia Hall - SQ/B-122, (213) 763-3701

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Time</th>
<th>Room</th>
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<tbody>
<tr>
<td>4204</td>
<td>SUPPLY WATER TECHNOLOGY 101: INTRODUCTION TO SUPPLY WATER TECHNOLOGY</td>
<td>3.00</td>
<td>6:00pm - 9:10pm</td>
<td>OH/ F223</td>
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<td>4205</td>
<td>SUPPLY WATER TECHNOLOGY 102: CALCULATIONS AND MEASUREMENT FOR WATER TECHNOLOGY PROGRAMS</td>
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### THEATER
Chair: John Glavan, Aspen Hall - AH/TE-520, (213) 763-3931

<table>
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<th>Course Code</th>
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<td>1432</td>
<td>THEATER 100: INTRODUCTION TO THE THEATER (UC:CSU)</td>
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<td>1433</td>
<td>THEATER 100</td>
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### VISUAL COMMUNICATIONS
Chair: Carole Anderson, Cypress Hall, CY/D222, (213) 763-3642

<table>
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<tr>
<td>7269</td>
<td>VISUAL COMMUNICATIONS 129: DIGITAL PHOTO MANIPULATION (CSU)</td>
<td>2.00</td>
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<td>7276</td>
<td>VISUAL COMMUNICATIONS 204: FLASH MOTION GRAPHICS (BEGINNING LEVEL) (CSU)</td>
<td>2.00</td>
<td>10:15am - 11:00am</td>
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### WELDING GAS AND ELECTRIC
Chair: William Elarton, Sequoia Hall - SQ/B-122, (213) 763-3701

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>8004</td>
<td>WELDING GAS AND ELECTRIC 151: SHIELD METAL, FLUX CORE &amp; GAS TUNGSTEN ARC WELDING LABORATORY</td>
<td>2.00</td>
<td>7:00am - 10:10am</td>
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