



# 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.

LOS ANGELES TRADE-TECH

**LATTC**  
A Community College

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ANNIVERSARY

# Summer 2015 Class Schedule

## ADMINISTRATION OF JUSTICE

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

### ADMINISTRATION OF JUSTICE 750 ETHICS AND THE CRIMINAL JUSTICE SYSTEM (CSU) 3.00 Units

This course identifies and explores ethics, values definitions and applications in the criminal justice system: police, courts, probation, 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)

## AMERICAN SIGN LANGUAGE

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

### AMERICAN SIGN LANGUAGE 001 AMERICAN SIGN LANGUAGE I (UC:CSU) 4.00 Units

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 AMERICAN SIGN LANGUAGE II (UC:CSU) 4.00 Units

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

### ANTHROPOLOGY 101 HUMAN BIOLOGICAL EVOLUTION (UC:CSU) 3.00 Units

Advisory: English 28  
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

### ART 101 SURVEY OF ART HISTORY I (UC:CSU) 3.00 Units

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

### ASTRONOMY 001 ELEMENTARY ASTRONOMY (UC:CSU) 3.00 Units

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)  
ASTRONOMY 005 1.00 Unit

### 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, spectroscopes, 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)

## AUTOMOTIVE AND RELATED TECHNOLOGY

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

### AUTOMOTIVE AND RELATED TECHNOLOGY 100 HEATING AND AIR CONDITIONING SYSTEMS THEORY, INSPECTION & RPR 3.00 Units

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 & controls.

7304 lec 7:00am - 7:55am MTWTh OH/ F120  
& 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 STEERING,SUSPENSION,BRAKES,PRINCIPLES AND PRACTICES (CSU) 3.00 Units

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) 3.00 Units

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/ F122  
& lab 7:55am - 1:20pm MTWTh OH/ F122  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

### AUTOMOTIVE AND RELATED TECHNOLOGY 123 FUEL & EMISSIONS SYSTEMS THEORY, INSPECTION & REPAIR (CSU) 3.00 Units

Instruction is offered on engine performance, diagnosis and repair. Emphasis is placed on ignition, fuel, and emission systems. Instruction is offered on related technologies of automotive fuel delivery systems, induction and scavenging systems. The proper use of test equipment and automotive engine evaluation procedures are stressed in this course.

7308 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 3.00 Units

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

### AUTOMOTIVE COLLISION REPAIR 149 ESTIMATING BODY DAMAGE 3.00 Units

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 AUTOMOTIVE COLLISION REPAIR I

This course introduces students to MIG welding, aluminum welding, and resistance welding. Students will learn to repair and replace body panels on unibody and full-frame vehicles. Repairing 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/ F132  
& lab 7:55am - 1:20pm MTWTh OH/ F110  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

3.00 Units

## BASIC SKILLS

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

### BASIC SKILLS 002CE 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 MTWTh OH/ F209  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
8706 lec 8:00am - 9:30am MTWTh MA 109N  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
8707 lec 9:45am - 11:15am MTWTh MA 109N  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

0.00 Unit

### BASIC SKILLS 023CE 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 13:00 hrs/wk TBA MA 109  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

0.00 Unit

### BASIC SKILLS 035CE 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 MTWTh OH/ F209  
& lab 10:30am - 11:15am MTWTh OH/ F209  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
8708 lec 11:30am - 12:00pm MTWTh MA 109N  
& lab 12:00pm - 1:00pm MTWTh MA 109N  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

0.00 Unit

### BASIC SKILLS 043CE SOFTSKILL BASICS 1C - PRE-EMPLOYMENT READINESS (NDA) (RPT 9)

This course provides an introduction for starting successful employment or 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 10:30 hrs/wk TBA - MA 109A-1  
(6 Week Class - Starts 5/21/2015, Ends 6/26/2015)

0.00 Unit

### BASIC SKILLS 045CE MICROSOFT OFFICE APPLICATION BASICS (NDA) (RPT 9)

An introduction to basic functions of Microsoft Office® applications namely Word®, Excel®, Outlook®, and Powerpoint®.  
8926 lec 9:00am - 10:20am SA/ H209  
(2 Week Class - Starts 8/21/2015, Ends 8/30/2015)

0.00 Unit

### BASIC SKILLS 060CE 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 MTWTh CH/ K304  
& lab 12:00pm - 1:00pm MTWTh CH/ K304  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

0.00 Unit

## BIOLOGY

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

### BIOLOGY 003 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.

4.00 Units

1602 lec 8:30am - 10:55am MTWTh M.C. PANTASTICO CALDAS CH/ K468  
& lab 10:55am - 1:20pm MTWTh M.C. PANTASTICO CALDAS CH/ K468  
(5 Week Class - Starts 6/22/2015, Ends 7/24/2015)  
1603 lec 8:30am - 10:55am MTWTh CH/ K408  
& lab 10:55am - 1:30pm MTWTh CH/ K408  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1604 lec 8:30am - 10:55am MTWTh CH/ K468  
& lab 10:55am - 1:30pm MTWTh CH/ K468  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

### BIOLOGY 005 INTRODUCTION TO HUMAN BIOLOGY (UC:CSU)

The course includes basic biological principles as they apply to humans. The course will provide a foundation for advanced courses in Human Anatomy, Physiology, and Microbiology Topics include chemical principles, the cell, heredity, human anatomy and physiology, microbiology, pathology, ecology, and bioethics  
1605 lec 8:30am - 10:55am MTWTh CH/ K406  
& lab 10:55am - 1:30pm MTWTh CH/ K406  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

4.00 Units

## BUILDING CONSTRUCTION TECHNIQUES

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

### BUILDING CONSTRUCTION TECHNIQUES 002 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 - 9:20pm TTh TBA  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

3.00 Units

### BUILDING CONSTRUCTION TECHNIQUES 102 O.S.H.A. BASED SAFETY STANDARDS: CONSTRUCTION & INDUSTRY (RPT 3)

(Same as Electrical Construction Maintenance 100)  
This course provides instruction on industry safety and health rules as it applies to workers and employers within the construction industry. Topics such as fall protection, lock out tag out procedures, PPE, excavations, etc. are covered. Participants that meet the required hourly attendance and successfully pass the final exam will be eligible to receive their OSHA (30 hr) safety-training certificate.  
4200 lec 6:00pm - 9:20pm MW SQ/ B301  
(5 Week Class - Starts 6/15/2015, Ends 7/17/2015)

2.00 Units

## BUSINESS

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

### BUSINESS 001 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.  
0203 lec 9:35am - 12:00pm MTWTh CH/ K210  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

3.00 Units

### BUSINESS 032 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.  
0206 lec 7:00am - 9:30am MTWTh CH/ K210  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

3.00 Units

## CARPENTRY

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

### CARPENTRY 105 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 - 9:20pm MW SQ/ B136  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

3.00 Units

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## CARPENTRY 111A CONSTRUCTION I (CSU) 3.00 Units

This course covers use and operation of hand tools, machine tools, and portable electric tools commonly used in the construction trades. Fundamentals of residential foundation and wall construction, use of rough and finish hardware, glues and adhesives, federal, state, and local building codes and ordinances are studied.

4650 lec 4:30pm - 5:55pm MTWTh SQ/ B104  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

## CARPENTRY 111B CONSTRUCTION I 2.00 Units

This is the second laboratory course in the Carpentry 111 sequence. This covers use and operation of hand tools, machine tools, and portable electric tools commonly used in the construction trades. Fundamentals of residential foundation and wall construction will be the focus of this course.

4651 lab 6:00pm - 9:20pm MW SQ/ B105  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

## CARPENTRY 111C CONSTRUCTION I 2.00 Units

This course covers use and operation of hand tools, machine tools, and portable electric tools commonly used in the construction trades. Fundamentals of wall construction, roof construction, and applications of federal, state, and local building codes and ordinances are studied.

4652 lab 6:00pm - 9:20pm TTh SQ/ B105  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

## CHEMISTRY

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

## CHEMISTRY 051 FUNDAMENTALS OF CHEMISTRY I (UC:CSU) 5.00 Units

Prerequisite: Mathematics 114 or Mathematics 115;  
This course with laboratory emphasizes 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/ Chem 65 credit to one course.

1606 lec 9:35am - 1:00pm MTWTh CH/ K321  
& lab 1:10pm - 3:25pm MTWTh CH/ K464  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1607 lec 9:35am - 1:00pm MTWTh CH/ K321  
& lab 1:10pm - 3:25pm MTWTh CH/ K464  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## CHEMISTRY 102 GENERAL CHEMISTRY II (UC:CSU) 5.00 Units

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 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  
1608 lec 9:35am - 12:00pm MTWTh CH/ K406  
& lab 12:10pm - 5:20pm MTWTh CH/ K466  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## CHILD DEVELOPMENT

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

## CHILD DEVELOPMENT 001 CHILD GROWTH AND DEVELOPMENT (UC:CSU) 3.00 Units

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.

1201 lec 9:35am - 12:00pm MTWTh AH/T E401  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## CHILD DEVELOPMENT 002 EARLY CHILDHOOD: PRINCIPLES AND PRACTICES (CSU) 3.00 Units

TB clearance required Prerequisite: Child Development 1  
An examination of the underlying 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.

1204 lec 9:35am - 12:00pm MTWTh AH/T E401  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## CHILD DEVELOPMENT 010 HEALTH, SAFETY AND NUTRITION (CSU) 3.00 Units

Advisory: English 21  
Students are required to participate in and pass the American Red Cross Infant/Child CPR and First Aid Course  
This course introduces the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety, and nutrition. The key components that ensure physical health, mental health and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. This course also focuses on integrating the concepts into everyday planning and program development for all children. Students are required to participate in and pass the American Red Cross Infant/Child CPR and First Aid course.

1202 lec 12:10pm - 2:35pm MTWTh AH/T E401  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## CHILD DEVELOPMENT 011 CHILD, FAMILY AND COMMUNITY (CSU) 3.00 Units

Advisory: English 21  
An examination of the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families.

3701 lec 6:30pm - 8:55pm MTWTh AH/T E315  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## CHILD DEVELOPMENT 034 OBSERVING AND RECORDING CHILDREN'S BEHAVIOR (CSU) 3.00 Units

Prerequisite: Child Development 1  
This course focuses on the appropriate use of a variety of assessment and observation strategies to document child development, growth, behaviors, play and learning, and to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored. Child observations will be conducted and analyzed.

1205 lec 12:10pm - 2:35pm MTWTh AH/T E401  
(5 Week Class - Starts 7/20/2015, Ends 8/21/2015)

## CHILD DEVELOPMENT 042 TEACHING IN A DIVERSE SOCIETY (CSU) 3.00 Units

Corequisite: Child Development 11  
3700 lec 6:30pm - 8:55pm MTWTh AH/T E401  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## COMMUNICATION STUDIES

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

## COMMUNICATION STUDIES 101 PUBLIC SPEAKING (UC:CSU) 3.00 Units

This introductory speech course emphasizes techniques of public speaking including writing and delivery of speeches to inform and persuade. Students refine critical thinking, research, organizational, and time management skills. They learn to adapt a message to any audience and occasion

1423 lec 7:00am - 9:25am MTWTh AH/T E201  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1425 lec 9:35am - 12:00pm MTWTh AH/T E201  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1427 lec 9:35am - 12:00pm MTWTh AH/T E201  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1428 lec 9:35am - 12:00pm MTWTh AH/T E201  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)  
1429 lec 9:35am - 12:00pm MTWTh AH/T E201  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)  
3851 lec 6:35pm - 9:00pm MTWTh AH/T E201  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
3853 lec 6:35pm - 9:00pm MTWTh AH/T E201  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

# Summer 2015 Class Schedule

## COMMUNITY PLANNING/ECONOMIC DEVELOPMENT

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

### COMMUNITY PLANNING/ECONOMIC DEVELOPMENT 011 PROFESSIONAL DEVELOPMENT SKILLS/ISSUES IN COMMUNITY DEV (CSU) 3.00 Units

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 LEADERSHIP DEVELOPMENT AND SKILL BUILDING 3.00 Units

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

### COMPUTER APPLICATIONS OFFICE TECHNOLOGIES 082 MICROCOMPUTER SOFTWARE SURVEY IN THE OFFICE (CSU) 3.00 Units

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 INTRODUCTION TO COMPUTERS AND THEIR USES (UC:CSU) 3.00 Units

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 - 8:30am 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 PROGRAMMING IN C++ (UC:CSU) 3.00 Units

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 INTRODUCTION TO HAIR COLORING 3.00 Units

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 cutting, 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 INTERMEDIATE HAIR COLORING AND STYLING 3.00 Units

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 7:00am - 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 214 ADVANCED HAIR COLORING AND STYLING 3.00 Units

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 designing 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 CONTEMPORARY STYLING TECHNIQUES 3.00 Units

Prerequisite: Cosmetology 112;

Students receive instruction in advanced hair designing, 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 CULINARY ARTS ORIENTATION I (CSU) 4.00 Units

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

**7500 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 Sanitation and Safety (CSU) 2.00 Units

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)

# Summer 2015 Class Schedule

7506 lec 8:00am - 11:20am MW  
(5 Week Class - Starts 7/20/2015, Ends 8/19/2015)

MH 305

## CULINARY ARTS 131 6.00 Units

### CULINARY ARTS - BREAKFAST I (CSU)

Prerequisite: Culinary Arts 111; Culinary Arts 112;  
Students are introduced to a la minute breakfast cookery, hot sandwiches, culinary management and supervision. Upon completion the students will be able to identify and safely use the tools and equipment used in breakfast cookery as well as egg cookery, breakfast meats, cereals, beverages, hot sandwiches, ala minute preparation, brunch items, pancakes, and waffles. Other areas covered include portion control, inventory pars, weights and measures, labor and cost control. Management, supervision, leadership, customer relations, communication, and teamwork and time management methods are introduced, discussed and practiced. Effective evaluation, discipline and delegation methods are outlined. computerized food and labor cost and inventory controls are presented and practiced

7502 lab 6:30am - 10:00am MTWTh SA/ H107  
& lec 10:00am - 11:45am MTWTh SA/ H132  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

## CULINARY ARTS 132 6.00 Units

### CULINARY ARTS - ENTREMETIER SAUCIER (CSU)

Prerequisite: Culinary Arts 111; Culinary Arts 112;  
Students will examine and prepare 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 practical understanding of the role and application of sauce pairing with the center of the plate, vegetables, starches, and dessert items.

7503 lec 7:15am - 9:00am MTWTh SA/ H134  
& lab 9:00am - 12:30pm MTWTh SA/ H107  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

## CULINARY ARTS 235 4.00 Units

### MENU PLANNING AND PURCHASING (CSU)

Prerequisites: Culinary Arts 111; Culinary Arts 112  
Advanced course in menu planning and purchasing using the menu as a tool for ordering, selection and procurement of food and beverage items. Menu, labor, and facility computer generated cost analysis and percentages will be addressed.

7505 lab 7:00am - 9:15am MTWTh SA/ H107  
& lec 9:15am - 11:30am MTWTh SA/ H132  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## DIESEL AND RELATED TECHNOLOGY

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

## DIESEL AND RELATED TECHNOLOGY 265 4.00 Units

### COMPRESSED NATURAL GAS (CNG), LIQUEFIED NATURAL GAS (LNG) FUEL & ELECTRONIC CONTROLS

This course provides an introduction to Compressed Natural Gas (CNG) and Liquefied Natural Gas (LNG) fuel safety and handling, CNG/LNG fuel system layout, ignition systems, and the electronic controls that support the use of this alternative fuel.

7302 lec 7:00am - 8:50am MTWTh OH/ F211  
& lab 8:50am - 12:25pm MTWTh G.C. PEREZ OH/ F100  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## DRAFTING

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

## DRAFTING 062 3.00 Units

### CAD FOR ARCHITECTS (CSU)

This course will focus on the process of generating and managing building data during the life cycle of a building from 'cradle to cradle'. CADD and BIM drawings can create automatically consistent and dynamic views of the building, detail design and increase the productivity, transparency and accountability. CADD and BIM symbols, templates and standards are used to generate simple models from site design to finish products. Virtual information models made with CADD and BIM transform every field, as it connects data to place and space.

4202 lec 8:00am - 9:30am MW RH/ C107  
& lab 9:30am - 4:05pm MW RH/ C107  
(5 Week Class - Starts 6/15/2015, Ends 7/17/2015)

## DRAFTING 063 3.00 Units

### CADD FOR BUILDING (CSU)

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.

8000 lec 8:00am - 9:30am TTh RH/ C107

& lab 9:30am - 1:15pm TTh RH/ C107  
(5 Week Class - Starts 6/15/2015, Ends 7/17/2015)

## ECONOMICS

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

## ECONOMICS 001 3.00 Units

### PRINCIPLES OF ECONOMICS I (UC:CSU)

This course provides an introductory of microeconomic analysis and their application to business situation. Emphasis is on supply and demand, elasticities, consumer choice optimization, profits, economic rent, financial environment of business, market structure, economic and social regulations, antitrust policy in a globalized economy.

0204 lec 9:35am - 12:00pm MTWTh CH/ K320  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## ECONOMICS 002 3.00 Units

### PRINCIPLES OF ECONOMICS II (UC:CSU)

This macroeconomics course concentrates on the behavior of the economy as a whole and includes such economy wide phenomena as changes in unemployment, general price level and national income. Emphasis is placed on public spending and public choice, economic fluctuations and business cycles. Other topics include fiscal and monetary policy, deficit spending and public debt, money creation, banking and central banking, policies and prospects for global economic growth, comparative advantage, international trade and contemporary economic developments.

0202 lec 12:10pm - 2:35pm MTWTh CH/ K322  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## EDUCATION

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

## EDUCATION 001 3.00 Units

### INTRODUCTION TO TEACHING (CSU)

This course introduces students to the field of professional education and the concepts and issues that are related to K - 8 education. Topics of this course include a basic understanding of a teacher's role and challenges in society, contemporary education issues within historical, social, philosophical, legal, and political contexts, impact of government policies on schools and children, and the various perspectives on curriculum and instruction. Students are required to complete a minimum of 45 hours of fieldwork in an approved elementary, self-contained classroom. A TB test, finger print (live scan), and background check may be required by individual elementary school.

1060 lec 9:35am - 12:00pm MTWTh AH/T E301  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
3660 lec 4:00pm - 6:25pm MTWTh AH/T E301  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## ELECTRICAL CONSTRUCTION AND MAINTENANCE

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

## ELECTRICAL CONSTRUCTION AND MAINTENANCE 115 3.00 Units

### FUNDAMENTALS OF D.C. ELECTRICITY

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, and combination circuits. The proceeding resistive circuits will be analyzed using Ohm's Law, The Power Equation and Kirchoff's Voltage and Current Laws.

8008 lec 6:00pm - 9:10pm MW AH/T E107  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

## ELECTRICAL CONSTRUCTION AND MAINTENANCE 116 2.00 Units

### HANDTOOLS AND WIRING PRACTICES (CSU)

This course covers the proper use of Hand Tools, Wiring Methods, Conductor Identification, Selection, Splicing and Termination. Trade Practices and an Introduction to the National Electrical Code.

4620 lab 6:00pm - 9:20pm MTWTh SQ/ B301  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

## ELECTRICAL CONSTRUCTION AND MAINTENANCE 119 3.00 Units

### ELECTRICAL CONSTRUCTION AND MAINTENANCE (CSU)

This is an entry level course in electrical calculations and measurements with special emphasis on the application problems encountered in the electrical construction industry.

8009 lec 2:30pm - 5:40pm TTh AH/T E107  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

# Summer 2015 Class Schedule

**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.  
8001 lec 7:00am - 10:10am MW SQ/ B353  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

**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.  
8003 lec 7:00am - 10:10am TTh STAFF SQ/ B352  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

**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.  
8002 lec 5:30pm - 6:30pm MW SQ/ B336  
& lab 6:30pm - 9:30pm MW STAFF SQ/ B336  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

**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.  
4622 lec 5:30pm - 6:30pm TTh SQ/ B337  
& lab 6:30pm - 9:30pm TTh SQ/ B337  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

## 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.  
0461 lec 10:30am - 12:55pm MTWTh CH/ K305  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## ELECTRONICS TECHNOLOGY

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

**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, show the range 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.  
0460 lec 7:00am - 8:10am MTWTh CH/ K305  
& lab 8:10am - 9:40am MTWTh CH/ K364  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

## 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.

5027 lec 5:00pm - 6:20pm W 2501 W 3ST  
& lab 6:20pm - 10:55pm W 2501 W 3ST  
(10 Week Class - Starts 6/15/2015, Ends 8/29/2015)  
Operation/Maintenance Engineer Classes, 2501 West 3rd Street, Los Angeles, CA 90057. Contact 213-385-2889

**ENGINEER-OPR/MAINTENANCE - APPRENTICE 740** 4.00 Units  
**TENANT RELATIONS AND REPORTS FOR APPRENTICES**  
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.  
5040 lec 5:00pm - 11:15pm F 2501 W 3ST  
(9 Week Class - Starts 6/15/2015, Ends 8/29/2015)  
Operation/Maintenance Engineer Classes, 2501 West 3rd Street, Los Angeles, CA 90057. Contact 213-385-2889

**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.  
5047 lec 5:00pm - 6:20pm M 2501 W 3ST  
& lab 6:20pm - 10:55pm M 2501 W 3ST  
(11 Week Class - Starts 6/15/2015, Ends 8/29/2015)  
Operation/Maintenance Engineer Classes, 2501 West 3rd Street, Los Angeles, CA 90057. Contact 213-385-2889

**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 refrigerations systems. Equipment selection, maintenance, and safety will be covered.  
5049 lec 5:00pm - 6:20pm T 2501 W3ST  
& lab 6:20pm - 10:55pm T 2501 W3ST  
(11 Week Class - Starts 6/15/2015, Ends 8/29/2015)  
Operation/Maintenance Engineer Classes, 2501 West 3rd Street, Los Angeles, CA 90057. Contact 213-385-2889

**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.  
5051 lec 5:00pm - 11:15pm Th 2501 W 3ST  
(10 Week Class - Starts 6/15/2015, Ends 8/29/2015)  
Operation/Maintenance Engineer Classes, 2501 West 3rd Street, Los Angeles, CA 90057. Contact 213-385-2889

## 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 7/20/2015, Ends 8/20/2015)

## 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.  
1348 lec 11:00am - 1:05pm MTWTh AH/T E213  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

1349 lec 11:00am - 1:50pm MTW AH/T E210  
& lec 2:15 hrs/wk TBA ON LINE  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
Fashion fast track / pathway

# Summer 2015 Class Schedule

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.

**3827 lec 6:00pm - 8:05pm** MTWTh AH/T E210  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
**3830 lec 3:00pm - 5:05pm** MTWTh AH/T E208  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

## ENGLISH 028 3.00 Units

### INTERMEDIATE READING AND COMPOSITION

Prerequisite: English 21

In this course, 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, 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 3.00 Units

### 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.  
**1365 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 3.00 Units

### 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 3.00 Units

### 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/global 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 3.00 Units

### 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 0.00 Unit

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

## ENGLISH AS A SECOND LANGUAGE - Noncredit 007CE 0.00 Unit

### 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 6:00pm - 7:50pm** MTWTh CY/ D204  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
**8712 lec 8:00am - 10:05am** MTWTh CY/ D204  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

## ENGLISH AS A SECOND LANGUAGE - Noncredit 008CE 0.00 Unit

### 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  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
**8713 lec 8:00am - 10:05am** MTWTh CY/ D200  
(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

# ENVIRONMENTAL SCIENCE

Chair: Miguel Moreno, Cedar Hall - CH/K-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 AH/T E306  
(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 013CE** 0.00 Unit  
**ESL AND CIVICS 4 (NDA) (RPT 9)**  
8700 lec 8:00am - 12:35pm MTWTh CY/ D200  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

## FASHION DESIGN

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

**FASHION DESIGN 118** 2.00 Units  
**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 MTWTh CY/ D332  
& lab 8:45am - 11:00am MTWTh STAFF CY/ D332  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

**FASHION DESIGN 139** 2.00 Units  
**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 MTWTh CY/ D230  
& lab 8:45am - 11:00am MTWTh CY/ D230  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

**FASHION DESIGN 264** 2.00 Units  
**APPAREL 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 MTWTh CY/ D132  
& lab 12:45pm - 2:25pm MTWTh CY/ D132  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

**FASHION DESIGN 270** 2.00 Units  
**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 MTWTh CY/ D203  
(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** 3.00 Units  
**APPAREL 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 MTWTh CY/ D300  
& lab 10:25am - 11:35am MTWTh CY/ D300  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

## GEOGRAPHY

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

**GEOGRAPHY 001** 3.00 Units  
**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 MTWTh TBA  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## GEOLOGY

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

**GEOLOGY 001** 3.00 Units  
**PHYSICAL GEOLOGY (UC:CSU)**  
In this elementary course, the students learn Earth's internal and external forces and the features that these forces create. Students study minerals, rocks, volcanoes, earthquakes, mountain building, plate tectonics, tsunami, global warming, natural resources, and alternative energy resources. Students will also learn basic scientific principles, the process of the scientific method, map reading and geographic literacy.  
4048 lec 6:35pm - 9:05pm MTWTh AH/T E306  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## HEALTH

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

**HEALTH 006** 3.00 Units  
**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 MTWTh OH/ F215  
& lab 11:50am - 1:40pm MTWTh CH/K BASE  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1320 lec 10:00am - 11:50am MTWTh OH/ F215  
& lab 11:50am - 1:40pm MTWTh CH/K BASE  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

**HEALTH 008** 3.00 Units  
**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 MTWTh OH/ F223  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1321 lec 12:10pm - 2:35pm MTWTh OH/ F215  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

**HEALTH 011** 3.00 Units  
**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 MTWTh OH/ F216  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1304 lec 9:35am - 12:00pm MTWTh OH/ F216  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1305 lec 12:10pm - 2:35pm MTWTh OH/ F215  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1306 lec 2:45pm - 5:10pm MTWTh OH/ F216  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1322 lec 7:00am - 9:25am MTWTh OH/ F216  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)  
1323 lec 9:35am - 12:00pm MTWTh OH/ F216  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)  
1324 lec 12:10pm - 2:35pm MTWTh OH/ F216  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)  
1325 lec 2:45pm - 5:10pm MTWTh OH/ F216  
(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** 3.00 Units  
**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 MTWTh AH/T E301  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1010 lec 7:00am - 9:25am MTWTh AH/T E301  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1011 lec 7:00am - 9:25am MTWTh AH/T E313  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)  
1012 lec 6:30pm - 8:55pm MTWTh AH/T 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 28

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.

1020 lec 9:35am - 12:00pm MTWTh AH/T E301  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

1021 lec 9:35am - 12:00pm MTWTh AH/T E313  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## HISTORY 086 3.00 Units INTRODUCTION TO WORLD CIVILIZATION I (UC:CSU)

Advisory: English 28

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.

1005 lec 9:35am - 12:00pm MTWTh AH/T E313  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## HUMANITIES

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

## HUMANITIES 001 3.00 Units CULTURAL PATTERNS OF WESTERN CIVILIZATION (UC:CSU)

Prerequisite: English 28

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.

1424 lec 7:00am - 9:25am MTWTh AH/T E213  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

3856 lec 6:35pm - 9:00pm MTWTh AH/T E213  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## KINESIOLOGY

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

## KINESIOLOGY 300-1 1.00 Unit SWIMMING NON-SWIMMER - 1 (CSU)

This course will enhance the skills of the students in floating, kicking and swimming the crawl and backstroke.

2100 lec 12:10pm - 12:35pm MTWTh POOL  
& lab 12:35pm - 2:35pm MTWTh J.E. RATCLIFF P OOL  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2102 lec 9:35am - 10:00am MTWTh POOL  
& lab 10:00am - 12:00pm MTWTh POOL  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2120 lec 9:35am - 10:00am MTWTh POOL  
& lab 10:00am - 12:00pm MTWTh POOL  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

2122 lec 12:10pm - 12:35pm MTWTh P OOL  
& lab 12:35pm - 2:35pm MTWTh P OOL  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## KINESIOLOGY 300-2 1.00 Unit SWIMMING NON-SWIMMER - 2 (CSU)

This course continues to enhance the skills of the students in floating, kicking and swimming the crawl and backstroke, that were developed in Swimming-I. Additionally, skills in the sidestroke and the elementary backstroke will be taught as well as the ability to safely enter the water with a jump and a long shallow dive.

2101 lec 12:10pm - 12:35pm MTWTh POOL  
& lab 12:35pm - 2:35pm MTWTh POOL  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2103 lec 9:35am - 10:00am MTWTh POOL  
& lab 10:00am - 12:00pm MTWTh POOL  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2121 lec 9:35am - 10:00am MTWTh POOL  
& lab 10:00am - 12:00pm MTWTh POOL  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

2123 lec 12:10pm - 12:35pm MTWTh POOL  
& lab 12:35pm - 2:35pm MTWTh POOL  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## KINESIOLOGY 303-1 1.00 Unit

### 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.

2104 lec 5:20pm - 5:45pm MTW POOL  
& lab 5:45pm - 7:45pm MTW POOL  
(8 Week Class - Starts 6/15/2015, Ends 8/5/2015)

## KINESIOLOGY 303-2 1.00 Unit

### AQUA AEROBICS - 2 (CSU)

Prerequisite: KIN 303-1

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 303-1.

2105 lec 5:20pm - 5:45pm MTW POOL  
& lab 5:45pm - 7:45pm MTW L.D. DELZEIT P OOL  
(8 Week Class - Starts 6/15/2015, Ends 8/5/2015)

## KINESIOLOGY 329-1 1.00 Unit

### 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.

2106 lec 7:00am - 7:25am MTWTh CH/K BASE  
& lab 7:25am - 9:25am MTWTh CH/K BASE  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2108 lec 9:35am - 10:00am MTWTh CH/K BASE  
& lab 10:00am - 12:00pm MTWTh CH/K BASE  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2110 lec 12:10pm - 12:35pm MTWTh CH/K BASE  
& lab 12:35pm - 2:35pm MTWTh CH/K BASE  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2130 lec 9:35am - 10:00am MTWTh CH/K BASE  
& lab 10:00am - 12:00pm MTWTh CH/K BASE  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

2132 lec 12:10pm - 12:35pm MTWTh CH/K BASE  
& lab 12:35pm - 2:35pm MTWTh CH/K BASE  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

2133 lec 12:10pm - 12:35pm MTWTh CH/K BASE  
& lab 12:35pm - 2:35pm MTWTh CH/K BASE  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

2134 lec 12:10pm - 12:35pm MTWTh CH/K BASE  
& lab 12:35pm - 2:35pm MTWTh CH/K BASE  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## KINESIOLOGY 329-2 1.00 Unit

### 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.

2107 lec 7:00am - 7:25am MTWTh CH/K BASE  
& lab 7:25am - 9:25am MTWTh CH/K BASE  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2109 lec 9:35am - 10:00am MTWTh CH/K BASE  
& lab 10:00am - 12:00pm MTWTh CH/K BASE  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2111 lec 12:10pm - 12:35pm MTWTh CH/K BASE  
& lab 12:35pm - 2:35pm MTWTh CH/K BASE  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

2131 lec 9:35am - 10:00am MTWTh CH/K BASE  
& lab 10:00am - 12:00pm MTWTh CH/K BASE  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

2133 lec 12:10pm - 12:35pm MTWTh CH/K BASE  
& lab 12:35pm - 2:35pm MTWTh CH/K BASE  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

2134 lec 12:10pm - 12:35pm MTWTh CH/K BASE  
& lab 12:35pm - 2:35pm MTWTh CH/K BASE  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

2135 lec 12:10pm - 12:35pm MTWTh CH/K BASE  
& lab 12:35pm - 2:35pm MTWTh CH/K BASE  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## KINESIOLOGY 350-1 1.00 Unit

### WEIGHT TRAINING-1 (CSU)

2112 lec 9:35am - 10:00am MTWTh OH/ F216  
& lab 10:00am - 12:00pm MTWTh OH/ F216  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## KINESIOLOGY 387 1.00 Unit

### BASKETBALL (UC:CSU)

This course is designed to teach all levels of basketball skills. It not only emphasizes fundamental basketball skills such as dribbling, passing and shooting but it also includes the selection and care of equipment, rules, offense and defense strategy, etiquette, terminology and the components of fitness.

2114 lec 2:45pm - 3:10pm MTWTh LG/ G100  
& lab 3:10pm - 5:10pm MTWTh R.L. WELLS LG/ G100  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

# Summer 2015 Class Schedule

## KINESIOLOGY ATHLETICS

Chair: Dimitri Lagos, Willow Hall, WH/J-202, (213) 763-3728

### KINESIOLOGY ATHLETICS 552 INTERCOLLEGIATE SPORTS-CONDITIONING & SKILLS TRAINING (UC:CSU) (RPT 3)

1.00 Unit

This course is designed for the student athlete. The following areas are emphasized: the analysis and training of athletic skills, the analysis of offensive and defensive systems, physical conditioning, strength training and aerobic conditioning.

2904 lab 10:30am - 11:40am MTWThF LG/ G100

(8 Week Class - Starts 6/22/2015, Ends 8/14/2015)

2905 lab 1:30pm - 2:40pm MTWThF LG/ G100

(8 Week Class - Starts 6/22/2015, Ends 8/14/2015)

### KINESIOLOGY ATHLETICS 554 INTERCOLLEGIATE TRACK/FIELD-FITNESS & SKILLS TRAINING (UC:CSU) (RPT 3)

1.00 Unit

2901 lab 6:00am - 7:10am MTWThF WH/ J212

(8 Week Class - Starts 6/22/2015, Ends 8/14/2015)

### KINESIOLOGY ATHLETICS 560 INTERCOLLEGIATE SWIMMING/DIVING-FITNESS & SKILLS TRAINING (UC:CSU) (RPT 3)

1.00 Unit

2903 lab 6:00am - 7:10am MTWThF POOL

(8 Week Class - Starts 6/22/2015, Ends 8/14/2015)

### KINESIOLOGY ATHLETICS 563 INTERCOLLEGIATE VOLLEYBALL-FITNESS & SKILLS TRAINING (CSU) (RPT 3)

1.00 Unit

This course is designed to provide focused strength and conditioning exercises, emphasize safety and injury prevention, cover new rules, techniques and skills for the sport of volleyball.

2900 lab 6:00am - 7:10am MTWThF LG/ G100

(8 Week Class - Starts 6/22/2015, Ends 8/14/2015)

## LABOR STUDIES

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

### LABOR STUDIES 004 LABOR IN AMERICA (UC:CSU)

3.00 Units

Examines how labor organizations and labor laws impact workers, families and American society focusing on worksite-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 GRIEVANCE AND ARBITRATION PROCEDURES (CSU)

3.00 Units

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 - 5:20pm Sat/Sun RH/ C205

(1 Week Class - Starts 8/15/2015, Ends 8/16/2015)

### LABOR STUDIES 021 THE WORKING CLASS AND CINEMA (UC:CSU)

3.00 Units

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 9:35am - 12:00pm MTWTh AH/T E221

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

0432 lec 9:35am - 12:00pm MTWTh AH/T E221

(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## LAW

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

### LAW 038 CRIMINAL LAW & PROCEDURE

3.00 Units

This course will introduce the student to Criminal Law and Criminal Procedure. The student will learn the elements of a crime that must be proven as to the allegations of the commission of that particular crime. The student will learn the regulatory procedures, both federal and state, that must be followed in order to realize criminal culpability. The student will also examine the roles of the parties to a criminal action.

0205 lec 6:30pm - 8:55pm MTWTh CH/ K208

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

## LEARNING SKILLS

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

### LEARNING SKILLS 001B READING (NDA)

1.00 Unit

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. This course is open-entry/open-exit and provides individualized and computer-assisted instruction. Grades are on a pass/no-pass basis. The course is repeatable up to three times to enhance skills and proficiencies. 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/ F209

(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

## LEARNING SKILLS LAB

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

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

1.00 Unit

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 CH/ K304

(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

### LEARNING SKILLS LAB 002C ENGLISH FUNDAMENTALS (NDA)

1.00 Unit

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 sentences, 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)

1.00 Unit

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 utilize 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 FUNDAMENTAL C (NDA)

1.00 Unit

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 proficiencies. 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 CH/ K304

(8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

## 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

1.00 Unit

MSCNC 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/ F164

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

# Summer 2015 Class Schedule

**MACHINE SHOP - CNC 132B** 1.00 Unit  
**TECHNOLOGY AND APPLICATION OF MACHINING (CAM) IIIB**  
 MSCNC 132B (Technology and Application of Machining (CAM) IIIB) 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 OH/ F164  
 (5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## MATHEMATICS

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

**MATHEMATICS 105** 3.00 Units  
**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 AH/T E308  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
 1906 lec 11:00am - 1:05pm MTWTh AH/T E410  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
 1907 lec 11:00am - 1:05pm MTWTh AH/T E413  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
 1909 lec 11:00am - 1:05pm MTWTh AH/T E310  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

**MATHEMATICS 110** 5.00 Units  
**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, proportional 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** 3.00 Units  
**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 AH/T E210  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
 1922 lec 11:00am - 1:05pm MTWTh AH/T E408  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
 1980 lec 11:00am - 1:05pm MTWTh AH/T E310  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
 1985 lec 3:00pm - 5:05pm MTWTh AH/T E410  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
 4195 lec 6:00pm - 8:05pm MTWTh AH/T E412  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

**MATHEMATICS 115** 5.00 Units  
**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 AH/T E415  
 (8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

**MATHEMATICS 121** 3.00 Units  
**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 AH/T E408  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

**MATHEMATICS 125** 5.00 Units  
**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 AH/T E412  
 (8 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
 1961 lec 11:00am - 1:30pm MTWTh AH/T E413  
 (8 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
 1962 lec 3:00pm - 5:30pm MTWTh AH/T E408  
 (8 Week Class - Starts 6/15/2015, Ends 8/6/2015)  
 4190 lec 6:00pm - 8:30pm MTWTh AH/T E410  
 (8 Week Class - Starts 6/15/2015, Ends 8/6/2015)

**MATHEMATICS 225** 3.00 Units  
**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 AH/T E415  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)  
 1977 lec 11:00am - 1:05pm MTWTh AH/T E415  
 (6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

**MATHEMATICS 260** 5.00 Units  
**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 AH/T E308  
 (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** 1.00 Unit  
**INTRODUCTION TO NURSING**  
 7601 lec 9:35am - 12:55pm TTh MH 207  
 (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** 3.00 Units  
**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 CH/ K324  
 (5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## PERSONAL DEVELOPMENT

Chair: Thomas Dawkins, Juniper Hall, JH/ST-423, (213) 763-7358

**PERSONAL DEVELOPMENT 002** 1.00 Unit  
**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 MW TBA  
 (5 Week Class - Starts 6/15/2015, Ends 7/17/2015)  
 1186 lec 11:00am - 12:50pm TTh TBA  
 (5 Week Class - Starts 6/15/2015, Ends 7/17/2015)

**PERSONAL DEVELOPMENT 020** 3.00 Units  
**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 AH/T E107  
 (5 Week Class - Starts 7/6/2015, Ends 8/6/2015)

# Summer 2015 Class Schedule

## PHILOSOPHY

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

### PHILOSOPHY 001 INTRODUCTION TO PHILOSOPHY (UC:CSU) 3.00 Units

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 AH/T E206  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
3852 lec 6:35pm - 9:00pm MTWTh AH/T E206  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
3857 lec 6:35pm - 9:00pm MTWTh AH/T E206  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## PHYSICS

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

### PHYSICS 012 PHYSICS FUNDAMENTALS (UC:CSU) 3.00 Units

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

## PLUMBING

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

### PLUMBING 026 PLUMBING LAYOUT AND ESTIMATING I 3.00 Units

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 SQ/ B250  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

### PLUMBING 027 PLUMBING LAYOUT AND ESTIMATING II 3.00 Units

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 SQ/ B250  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

### PLUMBING 028 PLUMBING CODE I 3.00 Units

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 SQ/ B222  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

## POLITICAL SCIENCE

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

### POLITICAL SCIENCE 001 THE GOVERNMENT OF THE UNITED STATES (UC:CSU) 3.00 Units

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 AH/T E212  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## POWER LINE MECHANIC - TRAINEE

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

### POWER LINE MECH TRNE 601A 6.00 Units

#### POWER LINE MECHANIC - TRAINEE (600 HOURS) PART A

Prerequisite: Electrical Construction and Maintenance 1 or Electrical Construction and Maintenance 173 or Electrical Construction and Maintenance 119;

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 OH/ F208  
(11 Week Class - Starts 6/15/2015, Ends 8/26/2015)

### POWER LINE MECH TRNE 601B 3.00 Units

#### 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 first 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 POLE YARD  
(11 Week Class - Starts 6/15/2015, Ends 8/26/2015)

### POWER LINE MECH TRNE 601C 3.00 Units

#### 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 POLE YARD  
(11 Week Class - Starts 6/15/2015, Ends 8/26/2015)

### POWER LINE MECH TRNE 601D 3.00 Units

#### 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 - 9:00pm MTWThFS POLE YARD  
(11 Week Class - Starts 6/15/2015, Ends 8/26/2015)

# Summer 2015 Class Schedule

## PROCESS PLANT TECHNOLOGY

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

### PROCESS PLANT TECHNOLOGY 104 3.00 Units

#### INTRODUCTION TO PROCESS PLANT SAFETY

This course provides an introduction to the field of environmental, safety, and health within the chemical laboratory and process industry. Students will be introduced to various types of laboratory and plant safety techniques and hazards. In addition an overview of safety and environmental systems and equipment, and state and federal regulations under which laboratory testing, plant processes, bio and chemical manufacturing are governed.

1614 lec 8:00am - 10:25am MTWTh CH/ K424  
(5 Week Class - Starts 6/22/2015, Ends 7/24/2015)

## PSYCHOLOGY

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

### PSYCHOLOGY 001 3.00 Units

#### GENERAL PSYCHOLOGY I (UC:CSU)

Advisory: English 28;

This is an introductory course in psychology as the scientific study of behavior and mental processes. Topics treated include history and systems of psychology, biological bases of behavior, sensation and perception, states of consciousness, learning, memory, cognition, personality, human development, motivation and emotion, health and stress, psychological disorders, and therapies.

1040 lec 9:35am - 12:00pm MTWTh AH/T E312  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

### PSYCHOLOGY 041 3.00 Units

#### LIFE-SPAN PSYCHOLOGY: FROM INFANCY TO OLD AGE (UC:CSU)

Prerequisite: Psychology 1; Advisory: English 28;

This course examines the interaction of physical, psychological, and social factors and their impact on human development and behavior from conception to death.

1004 lec 9:35am - 12:00pm MTWTh AH/TE 213  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

3665 lec 6:30pm - 8:55pm MTWTh AH/TE 213  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

## PUBLIC RELATIONS

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

### PUBLIC RELATIONS 001 3.00 Units

#### PRINCIPLES OF PUBLIC RELATIONS (CSU)

This course provides students an understanding of the broad aspects of relationships with the public as they apply to business, education, public agencies, and other organizations. It includes methods of either promoting favorable relations with various segments of the public or coping with situations involving adverse public opinion.

0197 lec 11:45am - 2:10pm MW CH/K 258  
(11 Week Class - Starts 6/15/2015, Ends 8/30/2015)

## REFRIGERATION&AIR CONDITIONING MECHANICS

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

### REFRIGERATION&AIR CONDITIONING MECHANICS 110 2.00 Units

#### SOLAR WATER & POOL HEATING SYSTEM PRACTICES

This course is designed for students interested in a career in the solar thermal industry. The fundamental practices and functions of the solar thermal industry will be introduced. This course covers the skills and practices for planning, installation, and maintenance of all the necessary components for a solar thermal water system.

4621 lab 6:00pm - 9:20pm MW SQ/ B203  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

### REFRIGERATION&AIR CONDITIONING MECHANICS 159 4.00 Units

#### PRINCIPLES AND PRACTICES OF ELECTRICAL CIRCUITS AND CONTROLS

This course covers basic electricity, magnetic starters, contactors, and relays. Pressure and temperature controls, millivolt and low voltage systems, modulating controls, time clocks, and defrost systems are studied.

4619 lec 4:30pm - 6:20pm MTWTh SQ/ B231  
& lab 6:20pm - 9:40pm MTWTh STAFF SQ/ B231  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

### REFRIGERATION&AIR CONDITIONING MECHANICS 210 3.00 Units

#### REFRIGERATION SYSTEM EFFICIENCY FACTORS

This course will cover refrigerant, pressure enthalpy diagram, refrigeration piping, system evacuation, charging, and maintenance. The beginning of the class will include a review of terminology and the refrigeration cycle.

4630 lec 6:00pm - 9:10pm MW SQ/ B203  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

## SIGN GRAPHICS

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

### SIGN GRAPHICS 212 2.00 Units

#### SIGN DESIGN AND LAYOUT

7226 lec 8:00am - 8:45am MTW SA/ H204  
& lab 8:45am - 11:00am MTW SA/ H204  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

## SOCIOLOGY

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

### SOCIOLOGY 001 3.00 Units

#### INTRODUCTION TO SOCIOLOGY (UC:CSU)

This course is designed to acquaint students with the major principles of sociology as they are applied to contemporary social issues. With the use of several theoretical perspectives it examines social structures within American society and other cultures from macro and micro perspectives. There are extensive references to contemporary research findings on social structure, group dynamics, social stratification, and social institutions.

1003 lec 12:10pm - 2:35pm MTWTh AH/T E323  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

1050 lec 9:35am - 12:00pm MTWTh AH/T E323  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## SPANISH

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

### SPANISH 001 5.00 Units

#### ELEMENTARY SPANISH I (UC:CSU)

This course stresses the fundamentals of pronunciation and grammar, practical vocabulary, useful phrases, and the ability to understand, read, write and speak simple Spanish. It includes basic facts on geography, customs, and culture of Spain and Latin America.

1434 lec 7:00am - 11:15am MTWTh OH/ F227  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

1435 lec 7:00am - 11:15am MTWTh OH/ F227  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

### SPANISH 035 5.00 Units

#### SPANISH FOR SPANISH SPEAKERS I (UC:CSU)

This course addresses the needs of the native Spanish speaking student. It focuses on the acquisition of a solid grammar base, vocabulary enrichment, spelling, reading, and writing skills. Also included is a study of linguistic variants in the Spanish language and of Spanish and Latin American literature, culture, and civilization.

1436 lec 1:15pm - 5:30pm MTWTh OH/ F227  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

1437 lec 1:15pm - 5:30pm MTWTh OH/ F227  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## SUPERVISED LEARNING ASSISTANCE

Chair: Christina Anketell, Mariposa Hall - MA-2xx, (213) 763-3741

### SUPERVISED LEARNING ASSISTANCE 001T 0.00 Unit

SUPERVISED LEARNING ASSISTANCE (NDA) (RPT 9)  
8951 lec 19:50 hrs/wk TBA - MA 109A-1  
(10 Week Class - Starts 6/15/2015, Ends 8/21/2015)

## SUPERVISION

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

### SUPERVISION 003 3.00 Units

#### HUMAN RELATIONS (DEVELOPING SUPERVISORY LEADERSHIP)

Instruction will focus on those human relation skills the supervisory student needs to be well rounded and thoroughly prepared for a work environment characterized by economic volatility, constant change and a new level of competitiveness. This interpersonal skills approach places greater emphasis on the application of knowledge through practice, followed by feedback and reinforcement.

0201 lec 1:15pm - 3:40pm MTWTh CH/ K210  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)

# Summer 2015 Class Schedule

## SUPPLY WATER TECHNOLOGY

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

**SUPPLY WATER TECHNOLOGY 101** 3.00 Units  
**INTRODUCTION TO SUPPLY WATER TECHNOLOGY**  
4204 lec 6:00pm - 9:10pm MW OH/ F223  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

**SUPPLY WATER TECHNOLOGY 102** 3.00 Units  
**CALCULATIONS AND MEASUREMENT FOR WATER TECHNOLOGY PROGRAMS**  
4205 lec 6:00pm - 9:10pm TTh OH/ F223  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)

## THEATER

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

**THEATER 100** 3.00 Units  
**INTRODUCTION TO THE THEATER (UC:CSU)**  
This course surveys the history of theater from the ancient Greek to modern times. Stage vocabulary, production crafts and acting techniques are introduced. Students will analyze how theater relates to motion pictures, television, and radio in contemporary American life, as well as compare themes in literature, compare and contrast adaptations of famous plays to their original written form and apply critical analysis to live dramatic productions.  
1432 lec 9:35am - 12:00pm MTWTh MH 308  
(5 Week Class - Starts 6/15/2015, Ends 7/16/2015)  
1433 lec 9:35am - 12:00pm MTWTh MH 308  
(5 Week Class - Starts 7/20/2015, Ends 8/20/2015)

## VISUAL COMMUNICATIONS

Chair: Carole Anderson, Cypress Hall, CY/D222, (213) 763-3642

**VISUAL COMMUNICATIONS 129** 2.00 Units  
**DIGITAL PHOTO MANIPULATION (CSU)**  
An introductory course that concentrates on the software application Adobe Photoshop. Students will be instructed on how to use this application to create original art and graphics by manipulating scanned photography and other imagery.  
7269 lec 7:00am - 7:45am MTWTh CY/ D330  
& lab 7:45am - 10:00am MTWTh CY/ D330  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

**VISUAL COMMUNICATIONS 204** 2.00 Units  
**FLASH MOTION GRAPHICS (BEGINNING LEVEL) (CSU)**  
This course concentrates on the software application Macromedia Flash MX. It teaches beginning Flash users principles and techniques for designing web sites with motion graphics: how to layout pages, use color and text effectively, work with multiple image types, build navigation, and incorporate sound and video.  
7276 lec 10:15:00AM - 11:00am MTWTh CY/ D303  
& lab 11:00am - 1:15pm MTWTh CY/ D303  
(6 Week Class - Starts 6/15/2015, Ends 7/23/2015)

## WELDING GAS AND ELECTRIC

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

**WELDING GAS AND ELECTRIC 151** 2.00 Units  
**SHIELD METAL, FLUX CORE & GAS TUNGSTEN ARC WELDING LABORATORY**  
8004 lab 7:00am - 10:10am MTWTh OH/ F156  
(8 Week Class - Starts 6/15/2015, Ends 8/8/2015)