

# Summer 2014 Class Schedule

5 Week Session I: June 16 to July 17

5 Week Session II: July 21 to August 17

Note: While most courses will fall within one of the sessions listed above, please review the schedule carefully as there are some courses which do not fall within the session dates.

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LOS ANGELES TRADE-TECH

**LATTC**

A Community College

# SUMMER 2014 Class Schedule

## ANTHROPOLOGY

Chair: Alicia Rodriguez-Estrada,  
Aspen Hall - AH/TE-516, (213) 763-3938

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

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 6:35pm - 9:00pm MTWTh AH/T E315  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

## ARCHITECTURE

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

ARCHITECTURE 160 3.00 Units  
COMPUTERS FOR DESIGNERS (CSU)

The student will learn how to become a designer and a technologist in three dimensional digital environments. The student will use the power of the tools to be inspired and to collaborate. This course is geared towards the built environment, ecological, entertainment and industrial designers. Students will learn how the space of a place affects the way we think, act and create. Emphasis is placed on how designers can optimize and understand the role of digital mediums in today's competitive edge and sustainable demands. Basic computer operations like operating systems, interfaces, print, view, export, file management, image manipulation are covered within the design exercises.

8000 8:00am - 9:00am TTh CY/ D302  
& lab 9:00am - 1:15pm TTh CY/ D302  
(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

## ART

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

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

This course encompasses the historic study of architecture, painting and sculpture, with incidental references to the related minor arts. A survey is made of the chronological development of Western and non-European art from the Prehistoric to the Renaissance, with special emphasis upon the cultural factors that contributed to its evolution.

1422 7:00am - 9:25am MTWTh MH 309  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## ASTRONOMY

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

ASTRONOMY 001 3.00 Units  
ELEMENTARY ASTRONOMY (UC:CSU)

This course is a general introduction and overview of Astronomy and covers many topics including constellations, seasons, history of Astronomy, the electromagnetic spectrum, telescopes, the Earth and other planets of our solar system, the Sun, binary stars, the Milky Way Galaxy, properties of galaxies and the Big Bang Theory. Students are kept abreast of current developments in the field.

1600 6:35pm - 9:00pm MTWTh CH/ K406  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

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, spectrosopes, and photometer. The course requires field trips for evening observations.

1601 lab 6:35pm - 9:00pm MTWTh CH/ K406  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

## AUTOMOTIVE AND RELATED TECHNOLOGY

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

AUTOMOTIVE AND RELATED TECHNOLOGY 121 3.00 Units  
BASIC ENGINE THEORY INSPECTION AND REPAIR (CSU)

This course offers instruction in the types of operating principles and performance characteristics of automotive engines. Applied mathematics and related physics are emphasized throughout the course. Students will disassemble and assemble a complete engine and apply related theory to factory procedures.

7300 7:00am - 7:55am MTWTh OH/ F122  
& lab 7:55am - 12:15pm MTWTh OH/ F122  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## AUTOMOTIVE COLLISION REPAIR

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

AUTOMOTIVE COLLISION REPAIR 227 3.00 Units  
AUTO BODY AND FENDER II

This course offers advanced training in refinishing, color mixing and matching of OEM (Original Equipment manufacturer) color codes. Proper paint gun operation and use of air pressure and spray patterns are emphasized, as well as VOC (Volatile Organic Compounds) log calculation systems. Students will learn to repair/repaint as required to I-CAR and industry standards. This course will emphasize on the STAR Training Program whose goal is to train technicians to reduce material consumption costs and pollution through increased spray efficiency.

7301 7:00am - 7:55am MTWTh OH/ F132  
& lab 7:55am - 12:15pm MTWTh OH/ F110  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## BASIC SKILLS

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

**Fast Track To College Success!** Complete a certificate in college readiness in 6 weeks! Focus on refreshing your Computer, Math, and English skills. Don't have a diploma or GED? This fast track certificate is a great option to prepare you for the GED exam or brush up your skills for the Fall semester!

To register for the **Fast Track program**, you must be at **TABE level A** and obtain permission from the Department Chair: Christina Anketell – MA-109 Academic Connections Department – Mariposa Hall.

# SUMMER 2014 Class Schedule

## \*Fast Track Program Courses

**BASIC SKILLS 002CE** 0.00 Unit

**BASIC ENGLISH SKILLS (NDA) (RPT 9)**

Basic listening, reading, speaking, and writing skills for students with minimum English language skills.

\*8706 8:00am - 10:05am MTWTh CY/ D200

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

**BASIC SKILLS 023CE** 0.00 Unit

**COLLEGE AND SCHOLASTIC ASSESSMENT**

**PREPARATION (NDA) (RPT 9)**

This course provides students with study, computational, writing, and critical thinking skills to prepare for the college assessment test.

\*8707 1:15pm - 4:00pm MTWTh MA 109N

(5 Week Class - Starts 6/23/2014, Ends 7/24/2014)

**BASIC SKILLS 035CE** 0.00 Unit

**BASIC MATH SKILLS (NDA) (RPT 9)**

This course is designed to strengthen basic math skills. Topics include properties, rounding, estimating, comparing, converting, and computing whole numbers, fractions, and decimals. Upon completion, students should be able to perform basic computations and solve relevant mathematical problems.

\*8708 10:20am - 12:25pm MTWTh CY/ D200

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

**BASIC SKILLS 060CE** 0.00 Unit

**BASIC COMPUTER LITERACY (NDA) (RPT 9)**

This course introduces basic computer components and functions including computer hardware, software, using the internet, operating systems, and software applications, (e.g. word processing, spreadsheets, email and communications).

\*8709 1:15pm - 4:25pm MTWTh MA 109D

(1 Week Class - Starts 6/16/2014, Ends 6/19/2014)

8710 11:00am - 12:05pm MTWTh MA 109D

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## BIOLOGY

Chair: Miguel Moreno,

Cedar Hall - CH/K-405, (213) 763-7322

**BIOLOGY 003** 4.00 Units

**INTRODUCTION TO BIOLOGY (UC:CSU)**

This is an introductory course dealing with the fundamental properties of living things. The structure and physiology of plants and animals, with emphasis on humans, are covered. Relationships between biological communities, genetics, and evolution are stressed.

1602 9:35am - 11:10am MTWTh CH/ K406

& lab 11:20am - 1:10pm MTWTh CH/ K468

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## BUSINESS

Chair: Paulette Bailey,

Cedar Hall - CH/K-225, (213) 763-7269

**BUSINESS 005** 3.00 Units

**BUSINESS LAW I (UC:CSU)**

Introductory course in civil law emphasizing laws relating to contracts, agency, personal property, business organizations, partnerships, corporations, security transactions, and torts. Students also explore logical reasoning and the application of rules of law to everyday business affairs.

0201 1:15pm - 3:40pm MTWTh CH/ K208

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## CARPENTRY

Chair: William Elarton,

Sequoia Hall - SQ/B-122, (213) 763-3701

**CARPENTRY 105** 3.00 Units

**CALCULATIONS AND MEASUREMENT FOR WOODWORKING STUDENTS I**

This course covers the basic math skills needed to perform in the construction field.

Emphasis is placed on the basic operations and how they are applied to carpentry.

Measurement calculations will be performed in both standard and metric measurements.

4615 6:00pm - 9:20pm MW SQ/ B136

(8 Week Class - Starts 6/16/2014, Ends 8/6/2014)

## CHEMISTRY

Chair: Miguel Moreno,

Cedar Hall - CH/K-405, (213) 763-7322

**CHEMISTRY 051** 5.00 Units

**FUNDAMENTALS OF CHEMISTRY I (UC:CSU)**

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.

1603 9:35am - 12:35pm MTWTh CH/ K322

& lab 12:45pm - 1:55pm MTWTh CH/ K464

(7 Week Class - Starts 6/16/2014, Ends 7/31/2014)

## CHILD DEVELOPMENT

Chair: Alicia Rodriguez-Estrada,

Aspen Hall - AH/TE-516, (213) 763-3938

**CHILD DEVELOPMENT 001** 3.00 Units

**CHILD GROWTH AND DEVELOPMENT (UC:CSU)**

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 9:35am - 12:00pm MTWTh AH/T E401

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

**CHILD DEVELOPMENT 002** 3.00 Units

**EARLY CHILDHOOD: PRINCIPLES AND PRACTICES (CSU)**

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 9:35am - 12:00pm MTWTh AH/T E401

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

# SUMMER 2014 Class Schedule

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

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 1:15pm - 3:40pm MTWTh AH/T E401  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

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

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 6:35pm - 9:00pm MTWTh AH/T E401  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

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

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 1:15pm - 3:40pm MTWTh AH/T E401  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

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

Corequisite: Child Development 11.

3700 6:35pm - 9:00pm MTWTh AH/T E401  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## COMMUNICATION STUDIES

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

### COMMUNICATION STUDIES 101 3.00 Units ORAL COMMUNICATION I (UC:CSU)

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 7:00am - 9:25am MTWTh AH/T E201  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

1425 1:15pm - 3:40pm MTWTh AH/T E201  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

1427 9:35am - 12:00pm MTWTh AH/T E201  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

3851 6:35pm - 9:00pm MTWTh AH/T E201  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## COMMUNITY PLANNING / ECONOMIC DEVELOPMENT

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

### COMMUNITY PLANNING / ECONOMIC DEVELOPMENT 010 3.00 Units COMPREHENSIVE COMMUNITY VIOLENCE PREVENTION (CSU)

The course prepares students for work in the field of community violence prevention. Students will learn to analyze root causes of youth and community violence and will become familiar with a variety of community development strategies to reverse those conditions. The course will also cover strategies for building community collaborations to engage youth, parents, community organizations, public sector agencies, schools, law enforcement agencies, and businesses in a comprehensive effort to prevent youth and community violence.

3270 6:35pm - 9:00pm MTWTh B. TORRES AH/T E215  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

## COMPUTER INFORMATION SYSTEMS

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

### COMPUTER INFORMATION SYSTEMS 701 3.00 Units INTRO TO COMPUTERS AND THEIR USES (UC:CSU)

Advisory: English 21; Mathematics 105;

The students will be introduced to computer applications using Microsoft Office--Word, Excel, Access are covered. Also, the students will learn to integrate different applications, and understand the fundamentals of the Windows operating system.

0542 9:35am - 11:05am MTWTh CH/ K307  
& lab 11:05am - 12:35pm MTWTh CH/ K307  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## COSMETOLOGY

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

### COSMETOLOGY 210 3.00 Units INTRODUCTION TO HAIR COLORING

Prerequisite: Cosmetology 112;

Students are offered an introduction to basic hair coloring categories, applications and bleaching techniques. In addition, the course will concentrate on hair cutting, hair styling, and permanent waving procedures.

4301 4:00pm - 5:10pm MTWTh MH 237  
& lab 5:10pm - 9:05pm MTWTh MH 237  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

7001 7:00am - 8:10am MTWTh MH 247  
& lab 8:10am - 12:05pm MTWTh MH 247  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

7005 7:00am - 8:10am MTWTh MH 233  
& lab 8:10am - 12:05pm MTWTh MH 233  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

# SUMMER 2014 Class Schedule

## COSMETOLOGY 211 3.00 Units INTERMEDIATE HAIR COLORING AND STYLING

Prerequisite: Cosmetology 112;

Students are offered an introduction to intermediate hair coloring, bleaching and toning applications and techniques. In addition, the course will concentrate on hair cutting, hair styling, and skin care procedures.

<b>4302</b>	<b>4:00pm - 5:10pm</b>	<b>MTWTh</b>	<b>MH 237</b>
<b>&amp; lab</b>	<b>5:10pm - 9:05pm</b>	<b>MTWTh</b>	<b>MH 237</b>
<i>(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)</i>			
7002	7:00am - 8:10am	MTWTh	MH 247
<b>&amp; lab</b>	<b>8:10am - 12:05pm</b>	<b>MTWTh</b>	<b>MH 247</b>
<i>(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)</i>			
7006	7:00am - 8:10am	MTWTh	MH 233
<b>&amp; lab</b>	<b>8:10am - 12:05pm</b>	<b>MTWTh</b>	<b>MH 233</b>
<i>(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)</i>			

## COSMETOLOGY 214 3.00 Units ADVANCED HAIR COLORING AND STYLING

Prerequisite: Cosmetology 112;

Students are offered instruction in permanent hair coloring applications, color correction techniques, zonal and block highlighting effects. In addition, the course will concentrate on hair cutting, thermal hair styling, long hair designing and nail technology.

<b>4303</b>	<b>4:00pm - 5:10pm</b>	<b>MTWTh</b>	<b>MH 237</b>
<b>&amp; lab</b>	<b>5:10pm - 9:05pm</b>	<b>MTWTh</b>	<b>MH 237</b>
<i>(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)</i>			
7003	7:00am - 8:10am	MTWTh	MH 247
<b>&amp; lab</b>	<b>8:10am - 12:05pm</b>	<b>MTWTh</b>	<b>MH 247</b>
<i>(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)</i>			
7007	7:00am - 8:10am	MTWTh	MH 233
<b>&amp; lab</b>	<b>8:10am - 12:05pm</b>	<b>MTWTh</b>	<b>MH 233</b>
<i>(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)</i>			

## COSMETOLOGY 215 3.00 Units CONTEMPORARY STYLING TECHNIQUES

Prerequisite: Cosmetology 112;

Students receive instruction in advanced hair designing, hair coloring, hair sculpting, and chemical texture services.

<b>4304</b>	<b>4:00pm - 5:10pm</b>	<b>MTWTh</b>	<b>MH 247</b>
<b>&amp; lab</b>	<b>5:10pm - 9:05pm</b>	<b>MTWTh</b>	<b>MH 247</b>
<i>(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)</i>			
7004	7:00am - 8:10am	MTWTh	MH 237
<b>&amp; lab</b>	<b>8:10am - 12:05pm</b>	<b>MTWTh</b>	<b>MH 237</b>
<i>(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)</i>			
7008	7:00am - 8:10am	MTWTh	MH 233
<b>&amp; lab</b>	<b>8:10am - 12:05pm</b>	<b>MTWTh</b>	<b>MH 233</b>
<i>(6 Week Class - Starts 7/21/2014, Ends 8/28/2014)</i>			

## CULINARY ARTS

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

## CULINARY ARTS 111 4.00 Units CULINARY ARTS ORIENTATION I (CSU)

Prerequisite: Culinary Arts 112; Corequisite: Culinary Arts 112.

With a combination of lecture and lab practice, the students are introduced to the world of commercial food production. Students are introduced to culinary theories and develop skills in knife handling, ingredient identification, small and large equipment use, weights and measures, recipe development and cooking fundamentals

7500	9:35am - 10:25am	MTWTh	SA/ H132
<b>&amp; lab</b>	<b>10:25am - 1:40pm</b>	<b>MTWTh</b>	<b>SA/ H107</b>
<i>(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)</i>			

## CULINARY ARTS 112 2.00 Units Sanitation and Safety (CSU)

Prerequisite: Culinary Arts 111; Culinary Arts 112.

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	7:00am - 10:20am	MW	SA/ H119
<i>(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)</i>			

## 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	6:30pm - 10:00am	MTWTh	SA/ H107
<b>&amp;</b>	<b>10:00am - 11:45am</b>	<b>MTWTh</b>	<b>SA/ H132</b>
<i>(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)</i>			

## CULINARY ARTS 141 6.00 Units BUTCHERY/CENTER OF THE PLATE AND QUANTITY FOOD COOKERY (CSU)

Prerequisite: Culinary Arts 111; Culinary Arts 131; Culinary Arts 132; and Culinary Arts 121 and Culinary Arts 122 and Culinary Arts 112;

This course covers quantity and quality food production of meats, fish, and poultry. Students will practice center of the plate food preparation, meat identification and fabrication with an emphasis on portion control, sauce pairing and accompaniment compatibility. Students will discuss, compare and prepare various international foods.

7504	7:15am - 9:00am	MTWTh	SA/ H132
<b>&amp; lab</b>	<b>9:00am - 12:45pm</b>	<b>MTWTh</b>	<b>SA/ H107</b>
<i>(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)</i>			

## 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
<b>&amp;</b>	<b>9:15am - 11:30am</b>	<b>MTWTh</b>	<b>SA/ H132</b>
<i>(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)</i>			

## DIESEL AND RELATED TECHNOLOGY

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

## DIESEL AND RELATED TECHNOLOGY 265 4.00 Units HEAVY DUTY ELECTRONIC SYSTEMS

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	7:00am - 8:50am	MTWTh	OH/F 100G
<b>&amp; lab</b>	<b>8:50am - 11:20am</b>	<b>MTWTh</b>	<b>OH/ F100</b>
<i>(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)</i>			

# SUMMER 2014 Class Schedule

## ECONOMICS

Chair: Paulette Bailey,  
Cedar Hall - CH/K-225, (213) 763-7269

**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 1:15pm - 3:40pm MTWTh CH/ K208  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

## EDUCATION

Chair: Alicia Rodriguez-Estrada,  
Aspen Hall - AH/TE-516, (213) 763-3938

**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. ATB test, finger print (live scan), and background check may be required by individual elementary school.

1060 9:35am - 12:00pm MTWTh AH/T E301  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

3660 4:00pm - 6:25pm MTWTh AH/T E301  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

## ELECTRICAL CONSTRUCTION AND MAINTENANCE

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

**ELECTRICAL CONSTRUCTION AND MAINTENANCE 100** 2.00 Units

### (O.S.H.A.) SAFETY STANDARDS: CONSTRUCTION & INDUSTRY

(Same as Building Construction Techniques 102).

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.

4617 6:00pm - 8:50pm MW SQ/ B353  
(6 Week Class - Starts 6/16/2014, Ends 7/23/2014)

**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 2:30pm - 5:50pm MW SQ/ B301  
(8 Week Class - Starts 6/16/2014, Ends 8/6/2014)

**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, Se tion, 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 6/16/2014, Ends 8/7/2014)

**ELECTRICAL CONSTRUCTION AND MAINTENANCE 119** 3.00 Units

### ELECTRICAL CONSTRUCTION AND MAINTENANCE

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 2:30pm - 5:50pm TTh SQ/ B301  
(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

**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 7:00am - 10:10am MW SQ/ B353  
(8 Week Class - Starts 6/16/2014, Ends 8/6/2014)

## 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 7:00am - 8:10am MTWTh CH/ K305  
& lab 8:10am - 9:40am MTWTh CH/ K364  
(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

# SUMMER 2014 Class Schedule

## 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 8:00am - 10:05am MTWTh AH/T E210

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

1349 11:00am - 1:05pm MTWTh AH/T E210

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

3827 6:00pm - 8:05pm MTWTh AH/T E210

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

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 8:00am - 10:50am TWTh AH/T E208

& 2:05 hrs/wk TBA - C.N. VILIESID AH/T E208

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

1341 11:00am - 1:05pm MTWTh AH/T E310

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

3828 6:00pm - 8:05pm MTWTh AH/T E208

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

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 8:00am - 10:05am MTWTh AH/T E206

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

Section #1342 - Concurrent enrollment with Basic Skills 002CE.

1343 11:00am - 1:05pm MTWTh AH/T E206

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

Section #1343 - Concurrent enrollment with Basic Skills 002CE.

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 set 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 8:00am - 10:05am MTWTh AH/T E215

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

1345 11:00am - 1:05pm TWTh AH/T E208

& 2:05 hrs/wk TBA AH/T E208

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

1346 3:00pm - 5:05pm TWTh AH/T E208

& 2:05 hrs/wk TBA AH/T E208

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

1350 11:00am - 1:05pm MTWTh AH/T E306

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

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 11:00am - 1:05pm MTWTh AH/T E215

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## 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.

8711 8:00am - 10:05am MTWTh OH/ F211

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

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.

8712 8:00am - 10:05am MTWTh OH/ F209

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

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.

8713 8:00am - 10:05am MTWTh OH/ F210

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

# SUMMER 2014 Class Schedule

## 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 8:00am - 8:45am MTWTh CY/ D332

& lab 8:45am - 11:00am MTWTh CY/ D332

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

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 8:00am - 8:45am MTWTh CY/ D230

& lab 8:45am - 11:00am MTWTh CY/ D230

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

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 9:30am - 10:15am MTWTh CY/ D132

& lab 10:15am - 11:45am MTWTh CY/ D132

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

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 6/16/2014, Ends 7/24/2014)

## 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 8:30am - 10:25am MTWTh CY/ D300

& lab 10:25am - 11:35am MTWTh CY/ D300

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## 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, tsunamis, 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.

1604 6:35pm - 9:00pm MTWTh AH/T E306

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

## HEALTH

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

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.

1300 1:15pm - 3:40pm MTWTh OH/ F215

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

1320 7:00am - 9:25am MTWTh OH/ F216

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

7900 10:50 hrs/wk TBA - ON LINE

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

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.

## HISTORY

Chair: Alicia Rodriguez-Estrada,  
Aspen Hall - AH/TE-516, (213) 763-3938

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 7:00am - 9:25am MTWTh AH/T E301

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

# SUMMER 2014 Class Schedule

## 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 7:00am - 9:25am MTWTh AH/T E213

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## KINESIOLOGY

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

KINESIOLOGY 300-1 1.00 Units

### SWIMMING NON-SWIMMER - 1 (CSU)

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

2124 9:35am - 10:00am MTWTh POOL

& lab 10:00am - 12:00pm MTWTh POOL

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

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.

2125 lab 9:35am - 11:35am MTWTh POOL

& 11:35am - 12:00pm MTWTh POOL

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

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.

2100 9:35am - 10:00am MTWTh CH/K BASE

& lab 10:00am - 12:00pm MTWTh CH/K BASE

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

2120 7:00am - 7:25am MTWTh CH/K BASE

& lab 7:25am - 9:25am MTWTh CH/K BASE

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

2122 9:35am - 10:00am MTWTh CH/K BASE

& lab 10:00am - 12:00pm MTWTh CH/K BASE

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

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.

2101 lab 9:35am - 11:35am MTWTh CH/K BASE

& 11:35am - 12:00pm MTWTh CH/K BASE

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

2121 lab 7:00am - 9:00am MTWTh CH/K BASE

& 9:00am - 9:25am MTWTh CH/K BASE

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

2123 lab 9:35am - 11:35am MTWTh CH/K BASE

& 11:35am - 12:00pm MTWTh CH/K BASE

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

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.

2102 9:35am - 10:00am MTWTh LG/ G100

& lab 10:00am - 12:00pm MTWTh LG/ G100

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## KINESIOLOGY ATHLETICS

KINESIOLOGY ATHLETICS 552 1.00 Unit

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

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 1:15pm - 2:45pm MTWThF LG/ G100

(6 Week Class - Starts 7/7/2014, Ends 8/15/2014)

KINESIOLOGY ATHLETICS 554 1.00 Unit

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

2901 lab 6:00am - 7:30am MTWThF WH/ J212

(6 Week Class - Starts 7/7/2014, Ends 8/15/2014)

KINESIOLOGY ATHLETICS 560 1.00 Unit

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

2903 lab 6:00am - 7:30am MTWThF POOL

(6 Week Class - Starts 7/7/2014, Ends 8/15/2014)

KINESIOLOGY ATHLETICS 563 1.00 Unit

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

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 7:00pm - 8:30pm MTWThF LG/ G100

(6 Week Class - Starts 7/7/2014, Ends 8/15/2014)

## LABOR STUDIES

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

LABOR STUDIES 004 3.00 Units

### LABOR IN AMERICA (UC:CSU)

Examines how labor organizations and labor laws impact workers, families and American society focusing on worksite-related issues such as job security, income, workers' rights, immigration and role of unions.

0431 1:15pm - 3:40pm MTWTh AH/T E221

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

0432 9:35am - 12:00pm MTWTh AH/T E111

(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

# SUMMER 2014 Class Schedule

**LABOR STUDIES 021** 3.00 Units  
**THE WORKING CLASS AND CINEMA (UC:CSU)**  
This course will examine feature film portrayals of the working class and labor unions. Students will learn to evaluate how popular culture dramatizes the struggle for workers rights and analyze how the movies have shaped public perception and values.  
0430 9:35am - 12:00pm MTWTh AH/T E221  
(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)  
0433 1:15pm - 3:40pm MTWTh AH/T E111  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

## LEARNING SKILLS

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

**LEARNING SKILLS 010B 1.00 Unit**  
**MATHEMATICS FUNDAMENTALS (NDA)**  
This is a lab course which focuses on the skills needed to succeed in computing and understanding the relationship between fractions, decimals, ratios, and percentages. Students will add, subtract, multiply, and divide related problems and use strategies, skills and concepts in finding solutions to word problems and real world situations. This class provides individualized and computer-assisted instruction. The course is repeatable up to three times to enhance skills and proficiencies and is the second in a sequence of three progressive modules which prepare students for academic and vocational success.  
0351 lab 11:00am - 1:05pm MTWTh MA 109N  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

**LEARNING SKILLS 010C 1.00 Unit**  
**MATHEMATICS FUNDAMENTALS (NDA)**  
This basic math fundamental course focuses on the learning skills needed to succeed in pre-algebra up to beginning algebra, and is designed to help students develop symbolic reasoning and calculations with symbols that are central in algebra and geometry. This open-entry/open-exit 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.  
0352 lab 11:00am - 1:05pm MTWTh MA 109B  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## LEARNING SKILLS LAB

**LEARNING SKILLS LAB 002B 1.00 Unit**  
**ENGLISH FUNDAMENTALS (NDA)**  
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 10:20am - 12:30pm MTWTh MA 109A  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

**LEARNING SKILLS LAB 002C 1.00 Unit**  
**ENGLISH FUNDAMENTALS (NDA)**  
This course focuses on the fundamentals of academic writing. It reinforces basic skills such as the correct use of punctuation, spelling, and writing simple, compound, and complex sentence structures. Students incorporate these skills to develop and write paragraph responses that have a topic sentences, supporting details, and conclusions. Students are also introduced to Basic MLA formatting and work on Moodle activities and assignments.  
0354 lab 8:00am - 10:05am MTWTh MA 109N  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## MACHINE SHOP - CNC

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

**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  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

**MACHINE SHOP - CNC 142B 1.00 Unit**  
**TECHNOLOGY AND APPLICATION OF MACHINING IV B**  
MSCNC 142B (Technology and Application of Machining IV B) is a course that will engage students with Machine Shop specific topics: shop safety, advanced manufacturing techniques, CNC operations, advanced inspection techniques and manufacturing economy.  
0601 lab 9:15am - 11:20am MTWTh OH/ F164  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## MATHEMATICS

Chair: Margaret Murphy,  
Aspen Hall - AH/TE-506, (213) 763-7320

**MATHEMATICS 110 5.00 Units**  
**INTRODUCTION TO ALGEBRAIC CONCEPTS (NDA)**  
Prerequisite: Mathematics 110 placement  
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 11:00am - 1:30pm MTWTh AH/TE 412  
(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

**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 8:00am - 10:05am MTWTh AH/TE 408  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)  
1922 11:00am - 1:05pm MTWTh AH/TE 408  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

**MATHEMATICS 115 5.00 Units**  
**ELEMENTARY ALGEBRA**  
Prerequisite: Mathematics 112; Corequisite: Mathematics 100;  
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 8:00am - 10:30am MTWTh AH/TE 310  
(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)  
4180 6:00pm - 8:30pm MTWTh AH/TE 408  
(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

# SUMMER 2014 Class Schedule

## MATHEMATICS 125 5.00 Units INTERMEDIATE ALGEBRA

Prerequisite: Mathematics 114 or Mathematics 115; Corequisite: Mathematics 100;  
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 8:00am - 10:30am MTWTh AH/TE 306

(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

1961 11:00am - 1:30pm MTWTh AH/TE 308

(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

1962 3:00pm - 5:30pm MTWTh AH/TE 413

(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

4190 6:00pm - 8:30pm MTWTh AH/TE 410

(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

## 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 8:00am - 10:05am MTWTh AH/TE 415

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

1977 11:00am - 1:05pm MTWTh AH/TE 415

(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## NURSING, REGISTERED

Chair: Rita Weingourt,  
Magnolia Hall, MH-165, (213) 763-7182

## NURSING, REGISTERED 119 1.00 Unit INTRODUCTION TO NURSING

7601 9:35am - 12:55pm TTh MH 207

(3 Week Class - Starts 8/5/2014, Ends 8/21/2014)

## NURSING, REGISTERED 135 2.00 Units TRANSITION FROM LVN TO RN

This is a bridge course for students who have a valid current California Vocational Nursing License. It focuses on content necessary to make the role transition from LVN to RN. Content will include Professional Nursing, Nursing Process, Maslow's Hierarchy of Needs, communication skills, ethical and legal issues affecting nursing practice, cultural assessment techniques and pharmacology and dosage calculation review.

7600 9:35am - 12:55pm TTh MH 207

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## PHILOSOPHY

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

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

This course introduces students to philosophy, covering the topics of ethics, logic and language, metaphysics, theory of knowledge, philosophy of religion, and political philosophy. Some of the questions examined include: 'What is the good life?' 'What is right and wrong, and how do we know?' 'What is knowledge and what are its sources? Is it possible that we know nothing at all?' 'Does God exist?' 'Could we ever know?' 'What is the mind?' 'What is justice?' 'What is the basic nature of reality?' An emphasis is placed on developing critical reasoning skills, and relating the topics to larger cultural issues and debates.

3852 6:35pm - 9:00pm MTWTh AH/TE 206

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## PLUMBING

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

## PLUMBING 028 3.00 Units PLUMBING CODE I

Introduction is given in plumbing codes and ordinances that affect rough-in work, in city and county areas. Installation of wastes, vents, clean-outs, traps, gas fittings, gas vents and water pipe requirements are reviewed.

8005 6:00pm - 9:10pm TTh SQ/ B250

(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

## PSYCHOLOGY

Chair: Alicia Rodriguez-Estrada,  
Aspen Hall - AH/TE-516, (213) 763-3938

## 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 9:35am - 12:00pm MTWTh AH/TE 312

(5 Week Class - Starts 6/16/2014, Ends 7/17/2014)

## REFRIGERATION & AIR CONDITIONING MECHANICS

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

## REFRIGERATION & AIR CONDITIONING MECHANICS 105 3.00 Units SOLAR WATER & POOL HEATING SYSTEM PRINCIPLES

This is an introductory course on Solar Thermal. The need for renewable energies, along with planning and installing solar thermal systems will be covered. The solar heating of swimming pools, domestic hot water, and building air will be emphasized.

4621 6:00pm - 9:10pm MW SQ/ B203

(8 Week Class - Starts 6/16/2014, Ends 8/6/2014)

## 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 4:30pm - 6:20pm MTWTh SQ/ B231

& lab 6:20pm - 9:40pm MTWTh SQ/ B231

(8 Week Class - Starts 6/16/2014, Ends 8/7/2014)

# SUMMER 2014 Class Schedule

## SOCIOLOGY

Chair: Alicia Rodriguez-Estrada,  
Aspen Hall - AH/TE-516, (213) 763-3938

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.

1050 9:35am - 12:00pm MTWTh AH/T E323  
(5 Week Class - Starts 7/21/2014, Ends 8/21/2014)

## 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 19:50 hrs/wk TBA - MA 109A  
(6 Week Class - Starts 6/16/2014, Ends 7/24/2014)

## WELDING GAS AND ELECTRIC

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

WELDING GAS AND ELECTRIC 124 3.00 Units

### BLUEPRINT READING I

This course covers the principles of reading and interpreting basic industrial blueprints as applied to the welding trade.

8004 7:00am - 10:10am TW OH/ F208  
(8 Week Class - Starts 6/16/2014, Ends 8/6/2014)