

Fall CLASSES 2016



Important note:

This publication is a PDF version of the Fall 2016 Schedule of Classes that was printed on April 5, 2016. Course information may be subject to updates after this date. Therefore, be sure to verify your class days, times, room numbers, etc., on CLASS-Web periodically before the semester begins to ensure you have the most current schedule for each of your classes, and to allow time to make adjustments if necessary.

HOW TO READ THE COURSE LISTINGS

FALL 2016

Reading the Schedule - What does it mean?

| D/E | CRN | DAYS | TIMES | ROOM | INSTR | DATES | CODES | SEC |
|-----|-----|------|-------|------|-------|-------|-------|-----|
|-----|-----|------|-------|------|-------|-------|-------|-----|

| ANTH I | | PHYSICAL ANTHROPOLOGY | | | | 3.0 UNITS | | |
|---|-------|-----------------------|------------|------|-------|-------------|----|-----|
| Humans as a biological species through an examination of fossil evidence for human evolution, behavior of nonhuman primates, and human evolutionary biology and genetics. Current anthropological issues such as the biological meaning of race, genetic diseases, and the influence of evolution on human behavior. CAN ANTH 2 | | | | | | | | |
| Day | 20757 | MW | 12:30-1:45 | 2206 | TARTE | 08/17-12/20 | OP | V01 |
| Eve | 20978 | Wed | 7:00-9:50 | 2206 | TARTE | 08/17-12/20 | OP | 093 |
| Sat | 12752 | Sat | 7:30-10:20 | 2206 | ADAMS | 08/17-12/20 | OP | WEI |

D/E:
Day, Evening, Saturday, or WEB class. Evening classes are shaded.

CRN:
Course Reference Number needed to register for a specific class by WEB.

DAYS:
Indicates the days the course is offered.

TIME:
Indicates times that class is held.
COURSE CONFLICT/OVERLAP:
Students may not enroll in two classes that meet during any part of the same hour.

ROOM:
Indicates the ROOM NUMBER in which class is held.

INSTR:
Indicates the INSTRUCTOR for the class.

DATES:
Indicates the START & END DATES in which class is offered

SEC:
Indicates the SECTION NUMBER

GRADE OPTIONS:
Indicates whether the course may be taken as a:
GR: letter grade only
P/N: pass/no pass
OP: choice of either pass/no pass, or letter grade.

Please note that Las Positas College offers many courses that are held off campus. These classes will be notated with a star (*).

“STAFF” notation: As courses are assigned to instructors, the changes will be posted on CLASS-Web and The ZONE.

*Courses are open to all students who meet the academic requirements.

*All course information is subject to change.

*Courses not meeting enrollment requirements may be cancelled.

PREREQUISITE:

means a condition of enrollment that a student is required to meet in order to demonstrate current readiness for enrollment in a course or educational program.

COREQUISITE:

means a condition of enrollment consisting of a course which a student is required to take simultaneously with another course.

STRONGLY RECOMMENDED:

means a condition of enrollment which a student is advised, but not required, to meet before, or in conjunction with enrollment in a course or educational program.

Courses, dates, and times are subject to change. Please check the college website at www.laspositascollege.edu for the most up-to-date information regarding Fall course offerings.

FALL 2016 COURSE LISTINGS

EXPLANATION OF COURSE TYPES:

- Day** Indicates the course is taught between 7am and 4pm.
- Eve** Indicates the course is taught between 4pm and 10pm.
- Sat** Indicates the course is taught on Sat or Sun.
- Web** Indicates the course is an online, web-based course.

EXPLANATION OF GRADE OPTIONS:

- GR** Course must be taken letter grade (no pass/no pass).
- OP** Course may be taken for letter grade OR pass/no pass.
- P/N** Course must be taken for pass/no pass (no letter grade).

EXPLANATION OF SECTION NUMBERS:

- 091** AJ Program
- 093** Regular Evening class (starts 4pm or later)
- 100** AJ Academy section
- API** Apprenticeship
- CEI** Credit by Exam
- DEI** Fully Online
- FT1** Fast Track 1
- FT2** Fast Track 2
- FSA** College Foundation
- HDI** Hybrid - 51% DE (course meets 51% or more online)
- HYI** Hybrid - (course meets less than 51% online)

- LCI** ECD Learning Community
- LDI** Late Start - Hybrid 51% DE
- LEI** Late Start - Evening class
- LHI** Late Start - Hybrid
- LOI** Late Start - DE (fully online)
- LSI** Late Start - Day class
- MJI** Math Jam
- P0I** Puente Program
- STI** Alternate Instruction
- V0I** Regular Day class
- VTI** Veteran Program (grant funded)
- VCI** Valley Charter
- WEI** Saturday class
- WLC** Weekend ECD Learning Community
- X0I** Math X Program

NOTE:

ONLINE AND HYBRID CLASSES ARE NOTED IN PURPLE
SHADING IN LISTINGS INDICATES EVENING CLASSES

CODES: OP = Course taken for letter grade or pass/no pass; P/N = Course taken is Pass/No Pass only; GR = Course taken for letter grade only

D/E CRN DAYS TIMES ROOM INSTRUCTOR DATES CODES SEC D/E CRN DAYS TIMES ROOM INSTRUCTOR DATES CODES SEC

ADMINISTRATION OF JUSTICE

AJ 50 INTRO TO ADMIN OF JUSTICE 3.0 Units

History and philosophy of administration of justice in America; recapitulation of the system; identifying the various subsystems, role expectations, and their interrelationships; theories of crime, punishment, and rehabilitation; ethics, education and training for professionalism in the system.

Day 20400 MW 12:30-1:45 2206 TARTE 08/17-12/20 OP V0I
 Eve 20536 Wed 7:00-9:50 2206 TARTE 08/17-12/20 OP 093

AJ 55 INTRO TO CORRECTIONAL SCIENCE 3.0 Units

Aspects of modern correctional process as utilized in rehabilitation of adult and juvenile offenders. Emphasis on custody, rehabilitation and treatment programs as recognized by modern penology. Exploration of career opportunities.

Day 22969 TTh 12:30-1:45 2206 TARTE 08/17-12/20 OP V0I

AJ 60 CRIMINAL LAW 3.0 Units

Historical development, philosophy of law and constitutional provisions, definitions, classification of crime, and their application to the system of administration of justice; frequently used Penal Code and other code sections; case law, methodology, and concepts of law as a social force.

Eve 21618 Tue 5:00-7:50 2206 MEEHAN 08/17-12/20 GR 093

AJ 60-093 is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit www.laspositascollege.edu/honors for more information.

AJ 63 CRIMINAL INVESTIGATION 3.0 Units

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

Eve 20562 Th 7:00-9:50 2206 STEWARD 08/17-12/20 GR 093

AJ 64 PATROL PROCEDURES 3.0 Units

Responsibilities, techniques of observation, community relations and methods of police patrol. Emphasis on legal practical aspects.

Day 20785 TTh 11:00-12:15 2206 TARTE 08/17-12/20 OP V0I

AJ 69 SEX CRIME INVESTIGATION 3.0 Units

Sexual assault investigations; human behavior in relation to sexual attitudes and behavior; sexual assault laws and investigations; interview and interrogation techniques; court preparation and trial phase; sex crime prevention.

Eve 22201 Mon 5:00-7:50 2206 GOARD 08/17-12/20 OP 093

AJ 70 COMMUNITY RELATIONS 3.0 Units

Roles of the Administration of Justice practitioners and their agencies. Interrelationships and role expectations among various agencies and the public. Emphasis on the professional image of the system of Justice Administration and development of positive relationships between members of the system and the public.

Eve 20401 Th 4:00-6:50 2206 SPILLER 08/17-12/20 GR 093

AJ 79 HOMICIDE INVESTIGATION 3.0 Units

Process of analysis of all aspects of the death case in order to arrive at the true cause and manner of the death, whether it be murder, suicide, accidental or natural. Emphasis on importance of the death scene related to investigation of course.

Day 22971 Wed 4:00-6:50 2206 STEWARD 08/17-12/20 OP V0I

AJ 9954 WEAPONLESS DEFENSE 2.0 Units

Designed to instruct new and/or potential instructors in the methodologies and practices associated with teaching weaponless defense tactics. Students will develop and be able to demonstrate psycho-motor skill proficiency in suspect control, arrest techniques and searches. Emphasis will also be placed on instructing students in the elements associated with circuit training and physical conditioning self evaluation programs. This course is certified through California Peace Officer Standards and Training (POST). Designed for full-time peace officer, reserve officer or correctional officer.

Day 22980 Daily 8:00-5:00 *tba STAFF 10/17-10/28 OP 091

**This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568. To initiate enrollment for this course, or get further information, contact the Regional Training Center at 925-551-6970 or www.sheriffacademy.com.*

AJ 9965 INTERNAL AFFAIRS INVESTIGATION 1.5 Units

Designed to teach the student the proper investigative techniques into alleged misconduct by California peace officers and others in the employ of any California agency that employs peace officers. The student will learn legal, ethical, moral and technical standards by which these investigations shall be conducted under state law and the discipline that may result from the outcome. This class is designed for POST certified peace officers who hold a minimum of a basic POST certificate or civilian police employees who have been designated by their respective agency as an IA investigator. 1.5 hours. [Typical contact hours: lecture 26.25]

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Day | 22981 | MTW | 8:00-5:00 | *tba | STAFF | 08/22-08/24 | OP | 091 |
| Day | 22982 | MTW | 8:00-5:00 | *tba | STAFF | 11/07-11/09 | OP | 092 |

**This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568. To initiate enrollment for this course, or get further information, contact the Regional Training Center at 925-551-6970 or www.sheriffacademy.com.*

AJ 9980 BASIC SNIPER/OBSERVER 1.0 Units

A course designed to provide the necessary rifle and tactical skills for the Sniper/Observer to function in support of high-risk law enforcement operations. Course content includes team missions, organization, marksmanship skills, field craft, ballistics, information collection, reporting procedures and tactical command post. This is a California Peace Officers Standards and Training (POST) certified course designed for regular or reserve peace officers in federal, state, or local law enforcement.

| | | | | | | | | |
|-----|-------|-----------|------------|------|-------|-------------|----|-----|
| Day | 22983 | Daily | 8:00-9:50 | *tba | STAFF | 09/19-09/24 | OP | 091 |
| | | Lab Daily | 10:00-4:00 | *tba | | 09/19-09/24 | OP | |

**This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568. To initiate enrollment for this course, or get further information, contact the Regional Training Center at 925-551-6970 or www.sheriffacademy.com.*

AJ 9982 PATROL RIFLE INSTRUCTOR 1.5 Units

The Patrol Rifle Instructor course provides 40 hours of instruction and practical exercises focused on the specific needs of the rifle instructor. The course includes the use and application of the patrol rifle as it pertains to Law Enforcement and the skills to instruct others in its use and maintenance. Students will gain hands-on experience with the skills to instruct others in its use and maintenance. Students will gain hands-on experience with the patrol rifle and will not be limited to the following topics: nomenclature, disassembly, assembly, loading, unloading, stoppage clearance, principles of marksmanship, patrol deployment, reloading drills, care and cleaning, low light firing, transition drills, use of cover, close quarter battle, moving/multiple targets, firing on the move, malfunction/stoppage drills, adult learning concepts, techniques of instruction, qualification courses of fire and written test. This course is designed for full time sworn law enforcement and/or active duty military firearms instructors.

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|-----|-------|-----------|------------|------|-------|-------------|----|-----|
| Day | 22984 | Daily | 8:00-11:50 | *tba | STAFF | 11/14-11/18 | OP | 091 |
| | | Lab Daily | 12:00-3:50 | *tba | | 11/14-11/18 | OP | |

This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568. To initiate enrollment for this course, or get further information, contact the Regional Training Center at 925-551-6970 or www.sheriffacademy.com.

AJ 9995 PATROL RIFLE/CARBINE OPERATOR 0.7 Units

The Patrol Rifle/Carbine Operator course is a 24-hour course that provides instruction and practical exercises focused on the specific needs of the police rifle operator. The course includes the use and application of the patrol rifle as it pertains to Law Enforcement and the skills to properly maintain it. Students will gain hands-on experience with the patrol rifle. The class will include, but will not be limited to, the following topics: nomenclature, disassembly, assembly, loading, unloading, stoppage clearance, principles of marksmanship, patrol deployment, reloading drills, care and cleaning, low light firing, transition drills, use of cover, close quarter battle, moving/multiple targets, firing on the move, malfunction/stoppage drills, qualification courses of fire and written test. This course is designed for full-time sworn law enforcement and/or active duty military personnel.

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|-----|-------|------|------------|------|-------|-------------|----|-----|
| Day | 22985 | TWTh | 8:00-11:20 | *tba | STAFF | 11/08-11/10 | OP | 091 |
| | | TWTh | 11:30-3:40 | *tba | | 11/08-11/10 | OP | |

**This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568. To initiate enrollment for this course, or get further information, contact the Regional Training Center at 925-551-6970 or www.sheriffacademy.com.*

AJ 9997 LAW ENFORCEMENT ACADEMY

The 157th Academy is scheduled for August 29, 2016 through March 14, 2017. In addition to the college enrollment fee, there are laboratory/materials fees associated with this course. This course is offered in partnership with the Alameda County Sheriff's Office. Students may initiate the application process for this course or get further information by contacting the Alameda County Sheriff's Office Regional Training Center at 6289 Madigan Road, Dublin, CA 94568, phone 925-551-6970, website: www.sheriffacademy.com

AJ 9997 LAW ENFORCEMENT ACADEMY

The 158th Academy is scheduled for December 19, 2016 through June 29, 2017. In addition to the college enrollment fee, there are laboratory/materials fees associated with this course. This course is offered in partnership with the Alameda County Sheriff's Office. Students may initiate the application process for this course or get further information by contacting the Alameda County Sheriff's Office Regional Training Center at 6289 Madigan Road, Dublin, CA 94568, phone 925-551-6970, website: www.sheriffacademy.com

AJ 9998 POST BASIC SUPERVISORY 4.0 Units

This course is designed for new supervisors who will learn about counseling sessions, employee behavior (acceptable and unacceptable), evaluation reports, a comparison and contrast of police and supervisory roles, ethical decision making, critical incident response, situational leadership, and problem solving.

Prerequisite: Successful completion of a California POST academy and a current or pending promotion to a supervisory rank.

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|-----|-------|-------|-----------|------|-------|-------------|----|-----|
| Day | 22987 | Daily | 8:00-9:15 | *tba | STAFF | 09/19-09/24 | OP | 090 |
| Day | 22989 | Daily | 8:00-3:35 | *tba | STAFF | 10/24-11/01 | OP | 091 |
| Day | 22990 | Daily | 8:00-3:35 | *tba | STAFF | 12/05-12/16 | OP | 092 |

**This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568. To initiate enrollment for this course, or get further information, contact the Regional Training Center at 925-551-6970 or www.sheriffacademy.com.*

AMERICAN SIGN LANGUAGE

ASL 1A AMERICAN SIGN LANGUAGE I 3.0 Units

Introduction to American Sign Language (ASL) including expressive and receptive sign, the manual alphabet, facial expression, and body gestures. Emphasis on conversational skills in functional situations, knowledge of Deaf culture and the Deaf community.

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|-----|-------|-----|-------------|-----|-------|-------------|----|-----|
| Day | 20812 | MW | 11:00-12:15 | 505 | STAFF | 08/17-12/20 | GR | V01 |
| Eve | 20547 | TTh | 5:30-6:45 | 105 | STAFF | 08/17-12/20 | GR | 093 |

ASL 1B AMERICAN SIGN LANGUAGE II 3.0 Units

Continued development of American Sign Language (ASL) receptive/expressive skills and knowledge learned in ASL 1A. Emphasis on conversational skills in functional situations, continued vocabulary and sentence structure expansion, and knowledge of Deaf culture and the Deaf community.

Prerequisite: American Sign Language 1A (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|----|-----------|------|-------|-------------|----|-----|
| Day | 20596 | MW | 2:00-3:15 | 4213 | STAFF | 08/17-12/20 | GR | V01 |
| Eve | 22510 | Th | 7:00-9:50 | 105 | STAFF | 08/17-12/20 | OP | 093 |

ASL 2A AMERICAN SIGN LANGUAGE III 3.0 Units

Further development of American Sign Language (ASL) receptive/expressive skills and knowledge learned in ASL 1B. Emphasis on conversational skills in functional situations, continued vocabulary expansion and knowledge of Deaf culture and the Deaf community.

Prerequisite: American Sign Language 1B (with a grade of "C" or higher).

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|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Eve | 20542 | Tue | 7:00-9:50 | 104 | STAFF | 08/17-12/20 | GR | 093 |
|-----|-------|-----|-----------|-----|-------|-------------|----|-----|

ANTHROPOLOGY

ANTR 1 BIOLOGICAL/PHYSICAL ANTHRO 3.0 Units

This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. Issues and topics will include, but are not limited to, genetics, evolutionary theory, human variation and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as foundation of the course. The course may include a lab component.

| | | | | | | | | |
|-----|-------|--------|-------------|------|--------|-------------|----|-----|
| Day | 21331 | TTh | 9:30-10:45 | 2203 | HASTEN | 08/17-12/20 | OP | V01 |
| Day | 21332 | TTh | 11:00-12:15 | 2203 | HASTEN | 08/17-12/20 | OP | V02 |
| Day | 21333 | TTh | 12:30-1:45 | 2203 | HASTEN | 08/17-12/20 | OP | V03 |
| Day | 23041 | Fri | 8:00-10:50 | 2203 | STAFF | 08/17-12/20 | OP | V04 |
| Eve | 21334 | Th | 7:00-9:50 | 2203 | STAFF | 08/17-12/20 | OP | 093 |
| Eve | 22295 | Tue | 4:00-6:50 | 2203 | STAFF | 08/17-12/20 | OP | 094 |
| Web | 23042 | ONLINE | | | STAFF | 08/17-12/20 | OP | DEI |

ANTR 1-DEI (CRN 23042) is an online course. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>.



ANTR 1L BIOLOGICAL/PHYSICAL ANTHRO LAB 1.0 Units

This laboratory course is offered as a supplement to Introduction to Biological Anthropology either taken concurrently or in a subsequent term. Laboratory exercises are designed to introduce students to the scientific method and explore genetics, human variation, human and non-human primate anatomy and behavior, the primate/hominin fossil record and other resources to investigate processes that affect human evolution.

| | | | | | | | | |
|-----|-------|---------|------------|------|-------|-------------|----|-----|
| Day | 21335 | Lab Mon | 2:00-4:50 | 2203 | STAFF | 08/17-12/20 | OP | V01 |
| Day | 21336 | Lab Wed | 2:00-4:50 | 2203 | STAFF | 08/17-12/20 | OP | V02 |
| Day | 22756 | Lab Fri | 11:00-1:50 | 2203 | STAFF | 08/17-12/20 | OP | V03 |

ANTR 2 INTRODUCTION TO ARCHAEOLOGY 3.0 Units

This course is an introduction to the study of concepts, theories, data and models of archaeological archaeology that contribute to our knowledge of the human past. The course includes a discussion of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences.

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|-----|-------|--------|------------|------|-------|-------------|----|-----|
| Day | 21337 | MW | 12:30-1:45 | 2203 | STAFF | 08/17-12/20 | OP | V01 |
| Web | 21338 | ONLINE | | | STAFF | 08/17-12/20 | OP | DEI |

ANTR 2-DEI (CRN 21338) is an online course. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>.

ANTR 3 SOCIAL/CULTURAL ANTHROPOLOGY 3.0 Units

This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues: how people around the world make their living (subsistence patterns); how they organize themselves socially, politically and economically; how they communicate; how they relate to each other through family and kinship ties; what they believe about the world (belief systems); how they express themselves creatively (expressive culture); how they make distinctions among themselves such as through applying gender, racial and ethnic identity labels; how they have shaped and been shaped by social inequalities such as colonialism; and how they navigate culture change and processes of globalization that affect us all. Ethnographic case studies highlight these similarities and differences, and introduce students to how anthropologists do their work, employ professional anthropological research ethics and apply their perspectives and skills to understand humans around the globe. Strongly recommended: Eligibility for ENG 1A.

| | | | | | | | | |
|-----|-------|--------|-------------|------|-------|-------------|----|-----|
| Day | 21339 | MW | 9:30-10:45 | 2203 | STAFF | 08/17-12/20 | OP | V01 |
| Day | 21340 | MW | 11:00-12:15 | 2203 | STAFF | 08/17-12/20 | OP | V02 |
| Web | 22624 | ONLINE | | | STAFF | 08/17-12/20 | OP | DEI |

ANTR 3-DEI (CRN 22624) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

ANTR 5 CULTURES OF THE U.S. IN GLOBAL 3.0 Units

Issues relevant to understanding race, class, gender and ethnicity within the American setting. Historical as well as contemporary situation of the following groups: 1) African Americans; 2) Native Americans; 3) Hispanic Americans; 4) European Americans; and, 5) Asian Americans, among other groups. Emphasis on analyzing the way that public understandings of culture and biology are translated into social policy. Contemporary social issues such as race relations, multiculturalism, affirmative action, bilingual education, and the use and abuse of I.Q. testing.

| | | | | | | | | |
|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Eve | 21341 | Tue | 7:00-9:50 | 2203 | STAFF | 08/17-12/20 | OP | 093 |
|-----|-------|-----|-----------|------|-------|-------------|----|-----|

ANTR 12 MAGIC/RELIGION/WITCHCRAFT/HEAL 3.0 Units

Cross-cultural perspectives on spirituality, religious practice, myth, ancestor beliefs, witchcraft and the variety of religious rituals and practitioners found in the cultures of the world. Examination of the cosmologies of different cultures through the anthropological perspective. Emphasis is placed on how knowledge of the religious practices and beliefs of others can help us to understand the multicultural world in which we live. Comparison of the ways in which diverse cultures confront the large and fundamental questions of existence: those dealing with the meaning life, birth and death, and with the relationship of humans to each other and to their universe.

Day 22115 MW 12:30-1:45 801 STAFF 08/17-12/20 OP V01

ANTR 13 INTRO TO FORENSIC ANTHROPOLOGY 3.0 Units

Introductory course in the application of physical anthropology to the medico-legal process with an emphasis on the identification of human skeletal remains. Includes basic human osteology and odontology, assessment of age at time of death, sex, ancestry, trauma analysis, pathology, and general physical characteristics including height and weight based upon minimal skeletal remains. Estimation of time since death, crime scene analysis, animal scavenging, and identification procedures.

Eve 21342 Th 4:00-6:50 2203 STAFF 08/17-12/20 OP 093

ART-HISTORY

ARHS 1 INTRODUCTION TO ART 3.0 Units

Architecture, sculpture, painting, photography and design in relation to human inventiveness in providing for material and aesthetic needs. This course provides a general introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to the visual arts across time and diverse cultures. 3 hours lecture.

Eve 21047 Mon 7:00-9:50 2460 STAFF 08/17-12/20 OP 093

ARHS 4 ART HISTORY-ANCIENT 3.0 Units

History of Western art from prehistoric times through Egyptian, Mesopotamian, Aegean, Greek, Etruscan, Roman, Early Christian, Byzantine, Medieval, Romanesque, and Gothic civilizations. 3 hours lecture.

Day 21048 MW 3:30-4:45 4213 STAFF 08/17-12/20 OP V01

ARHS 5 ART HISTORY-RENAISSANCE MDRN 3.0 Units

History of Western art from Early Renaissance, High Renaissance, Mannerism, Baroque, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, 20th Century developments of American art. 3 hour lecture.

Day 21049 Tue 3:00-5:50 4213 STAFF 08/17-12/20 OP V01

Eve 22714 Th 6:00-8:50 4130 STAFF 08/17-12/20 OP 093



ART

ARTS 2A INTRODUCTION TO DRAWING 3.0 Units

Introduction to principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Focus on perceptually based drawing, observational skills, technical abilities, and creative responses to materials and subject matter. 2 hours lecture, 4 hours studio.

Day 21055 MW 9:00-9:50 501 STAFF 08/17-12/20 OP V01

Lab MW 10:00-11:50 501 08/17-12/20 OP

Day 21056 TTh 9:30-10:20 501 STAFF 08/17-12/20 OP V02

Lab TTh 10:30-12:20 501 08/17-12/20 OP

Eve 21050 TTh 7:00-7:50 501 STAFF 08/17-12/20 OP 093

Lab TTh 8:00-9:50 501 08/17-12/20 OP

ARTS 7A INTRO TO WATERCOLOR PAINTING 3.0 Units

Introduction to principles, elements, and practices of watercolor painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. Strongly recommended: Art 2A.

Day 21051 TTh 2:00-2:50 501 STAFF 08/17-12/20 OP V01

Lab TTh 3:00-4:50 501 08/17-12/20 OP

ARTS 7B WATERCOLOR PAINTING 3.0 Units

Development of knowledge and skills introduced in 7A with an emphasis on experimenting with the watercolor medium, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

Prerequisite: Art 7A (completed with a grade of "C" or higher).

Day 21052 TTh 2:00-2:50 501 STAFF 08/17-12/20 OP V01

Lab TTh 3:00-4:50 501 08/17-12/20 OP

ARTS 7C ADV WATERCOLOR PAINTING I 3.0 Units

Development of knowledge and skills introduced in Art 7B directed towards individual needs with an emphasis on individual expression.

Prerequisite: Art 7B (completed with a grade of "C" or higher).

Day 21053 TTh 2:00-2:50 501 STAFF 08/17-12/20 OP V01

Lab TTh 3:00-4:50 501 08/17-12/20 OP

ARTS 7D ADV WATERCOLOR PAINTING II 3.0 Units

Advanced projects in watercolor painting with emphasis on demonstrating functional competence and an intellectual understanding of personal ideas. Further development of knowledge and skills introduced in 7C directed towards individualized needs.

Prerequisite: Art 7C (completed with a grade of "C" or higher).

Day 21054 TTh 2:00-2:50 501 STAFF 08/17-12/20 OP V01

Lab TTh 3:00-4:50 501 08/17-12/20 OP

ARTS 12A OIL/ACRYLIC PAINTING: BEGIN I 3.0 Units

Introduction to principles, elements, and practices of perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

Day 21057 Fri 9:00-10:50 501 STAFF 08/17-12/20 OP V01

Lab Fri 11:00-2:50 501 08/17-12/20 OP

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

ARTS 12B OIL/ACRYLIC PAINTING: BEGIN II 3.0 Units

Development of knowledge and skills introduced in Arts 12A with emphasis on the principles, elements, and practices of painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

Prerequisite Arts 12A (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 21058 | Fri | 9:00-10:50 | 501 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | Fri | 11:00-2:50 | 501 | | 08/17-12/20 | OP | |

ARTS 12C OIL/ACRYLIC PAINTING: ADV I 3.0 Units

Advanced projects in oil or acrylic painting with an emphasis on individual creative work and development of personal ideas and style.

Prerequisite: Art 12B or equivalent (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 21059 | Fri | 9:00-10:50 | 501 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | Fri | 11:00-2:50 | 501 | | 08/17-12/20 | OP | |

ARTS 12D OIL/ACRYLIC PAINTING: ADV II 3.0 Units

Advanced projects in oil or acrylic painting with emphasis on demonstrating functional competence and an intellectual understanding of advanced personal ideas.

Prerequisite: ARTS 12C (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 21063 | Fri | 9:00-10:50 | 501 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | Fri | 11:00-2:50 | 501 | | 08/17-12/20 | OP | |

ARTS 13A ACRYLIC PAINTING: BEGIN I 3.0 Units

Introduction to principles, elements, and practices of acrylic painting. Focus on exploration of painting mixing and technique, as well as creative responses to materials and subject matter.

Prerequisite Arts 2A (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 21060 | Fri | 9:00-10:50 | 501 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | Fri | 11:00-2:50 | 501 | | 08/17-12/20 | OP | |

ARTS 13B ACRYLIC PAINTING: BEGIN II 3.0 Units

Development of knowledge and skills introduced in Arts 13A with emphasis on the principles, elements, and practices of acrylic painting. Focus on exploration of acrylic painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

Prerequisite: Arts 13A or equivalent (completed with a grade of "C" or higher).

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|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 21061 | Fri | 9:00-10:50 | 501 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | Fri | 11:00-2:50 | 501 | | 08/17-12/20 | OP | |

ARTS 13C ACRYLIC PAINTING: ADVANCED I 3.0 Units

Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style.

Prerequisite: Art 13B or equivalent (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 21062 | Fri | 9:00-10:50 | 501 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | Fri | 11:00-2:50 | 501 | | 08/17-12/20 | OP | |

ARTS 13D ACRYLIC PAINTING: ADVANCED II 3.0 Units

Advanced projects in acrylic painting with emphasis on demonstrating functional competence and intellectual understanding of advanced personal ideas. 2 hours lecture, 4 hours studio.

Prerequisite: Arts 13C or equivalent (completed with a grade of "C" or higher).

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|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 21064 | Fri | 9:00-10:50 | 501 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | Fri | 11:00-2:50 | 501 | | 08/17-12/20 | OP | |

ARTS 23 2-D DESIGN 3.0 Units

Introduction to the concepts, applications, and historical references related to 2-dimensional art and composition, including the study of the basic principles and elements of line, shape, texture, value, color and spatial illusion. Development of a visual vocabulary for creative expression through lecture presentations, studio projects, problem solving, and written assignments.

| | | | | | | | | |
|-----|-------|----|-----------|-----|-------|-------------|----|-----|
| Day | 21538 | MW | 2:00-2:50 | 501 | STAFF | 08/17-12/20 | OP | V01 |
| | | MW | 3:00-4:50 | 501 | | 08/17-12/20 | OP | |

ARTS 24 3-D DESIGN 3.0 Units

Introduction to the concepts, applications, and historical references related to 3-dimensional design and spatial composition, including the study of the elements and organizing principles of design as they apply to 3-dimensional space and form. Development of a visual vocabulary for creative expression through lecture presentations and use of appropriate materials for 3-dimensional studio projects.

| | | | | | | | | |
|-----|-------|----|-----------|-----|-------|-------------|----|-----|
| Eve | 21539 | MW | 7:00-7:50 | 501 | STAFF | 08/17-12/20 | OP | 093 |
| | | MW | 8:00-9:50 | 501 | | 08/17-12/20 | OP | |

ASTRONOMY

ASTR 10 THE SOLAR SYSTEM 3.0 Units

Introduction to history and physical principles of astronomy, focusing on our Solar System. Includes: constellations; distance scales; historical development of astronomy; gravitation; motion of the earth, moon and planets; astronomical tools; formation and evolution of the solar system; physical properties, atmosphere, and evolution of the earth, moon, and planets within the solar system; asteroids, comets, and other small bodies; discovery of extra-solar planets; possibilities for life beyond Earth. Designed for non-majors in mathematics or physical science.

| | | | | | | | | |
|-----|-------|-----|-----------|------|---------------|-------------|----|-----|
| Eve | 22972 | TTh | 4:30-5:45 | 1871 | STAFF | 08/17-12/20 | OP | 093 |
| Day | 20198 | Mon | 2:30-3:45 | 1816 | HARPELL | 08/17-12/20 | OP | HY1 |
| | | | | | ONLINE/HYBRID | 08/17-12/20 | OP | |

ASTR 10-HY1 (CRN 20198) is a hybrid course. The course will meet Mondays from 2:30-3:45pm in room 1816 and the remaining hours will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 20237 ONLINE HARPELL 08/17-12/20 OP DE1

ASTR 10-DE1 (CRN 20237) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

ASTR 20 STARS AND THE UNIVERSE 3.0 Units

Introduction to study of stars, galaxies, cosmology. Includes the nature of light and matter, telescopes, spectroscopy, stellar formation and evolution, galaxies, quasars, and cosmology. Designed for non-majors in mathematics or a physical science.

| | | | | | | | | |
|-----|-------|-----|------------|------|---------|-------------|----|-----|
| Day | 20119 | MW | 9:30-10:45 | 1871 | REHAGEN | 08/17-12/20 | OP | V01 |
| Eve | 20212 | Wed | 7:00-9:50 | * | STAFF | 08/17-12/20 | OP | 093 |

**ASTR 20-093 (CRN 20212) will meet at Village High School in the Multi-Purpose Room. Address: 4645 Bernal Ave. Pleasanton, CA 94566*

ASTR 30 INTRO TO ASTRONOMY LAB 1.0 Units

Introduction to laboratory principles and techniques in astronomy. Includes telescope operation and measuring stellar magnitudes, spectral lines, motions of the sun, moon and planets.

Prerequisite/Corequisite: ASTR 10 or ASTR 20

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|-----|-------|--------|-----------|------|-------|-------------|----|-----|
| Eve | 20831 | Lab Th | 7:00-9:50 | 1831 | STAFF | 08/17-12/20 | OP | 093 |
|-----|-------|--------|-----------|------|-------|-------------|----|-----|

AUTOMOTIVE TECHNOLOGY

AUTO A1 ENGINE REPAIR **4.0 Units**

An in depth study of engines: mechanical, measurement, and assembly. A study of the above mentioned components including theory, teardown, evaluate, qualifying, and rebuilding. This class' emphasis is on engines.

Students are encouraged to enroll in Automotive Lab concurrently.

| | | | | | | | | |
|-----|-------|----|------------|-----|-------|-------------|----|-----|
| Day | 22977 | MW | 8:00-8:50 | 817 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | MW | 9:00-11:50 | 809 | | 08/17-12/20 | OP | |

AUTO A2 AUTO TRANSMISSION/TRANSAXLE **4.0 Units**

An in depth study of engine, transmission, transaxles: mechanical, measurement, and assembly. An in-depth study of the above mentioned components including theory, teardown, evaluate, qualifying, and rebuilding.

Students are encouraged to enroll in Automotive Lab concurrently.

| | | | | | | | | |
|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 22978 | TTh | 8:00-8:50 | 817 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | TTh | 9:00-11:50 | 809 | | 08/17-12/20 | OP | |

AUTO A3 MANUAL DRIVE TRAIN AND AXLES **4.0 Units**

An in-depth study of rear axle, front axle, and transfer cases: mechanical, measurement, and assembly. Including theory, teardown, qualifying, and rebuilding.

Students are encouraged to enroll in Automotive Lab concurrently.

| | | | | | | | | |
|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Day | 22979 | TTh | 1:00-1:50 | 817 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | TTh | 2:00-4:50 | 809 | | 08/17-12/20 | OP | |

AUTO INTR AUTO SERVICE & INTRODUCTION **4.0 Units**

Bumper-to-Bumper Automotive Knowledge. Starting with hazardous waste handling, tool identification, maintenance and lubrication, moving into engine mechanical, emissions controls, suspension systems, air conditioning, airbags and safety, transmissions, axles, and finishing off with the future of the automotive industry. This is an introductory class for people who want to know more about their vehicle or who are planning an automotive career.

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|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Eve | 22974 | Mon | 6:00-7:50 | 817 | STAFF | 08/17-12/20 | OP | 093 |
| Lab | | Mon | 8:00-9:50 | 817 | | 08/17-12/20 | OP | |
| Lab | | Wed | 6:00-9:50 | 817 | | 08/17-12/20 | OP | |
| Sat | 22975 | Sat | 9:00-10:50 | 817 | STAFF | 08/17-12/20 | OP | WE1 |
| Lab | | Sat | 11:00-4:50 | 809 | | 08/17-12/20 | OP | |

AUTO SDR SPECIFIED DIAGNOSTIC & REPAIR **5.0 Units**

This is a Bureau of Automotive Repair approved alternative to the ASE A6, A8 and L1 certification required for obtaining and maintaining smog technician licenses. This course will follow BAR guidelines for smog license prep. Student may or may not qualify for license exam after taking this class. For more information see www.smogcheck.ca.gov

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|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Eve | 22976 | TTh | 6:00-7:50 | 817 | STAFF | 08/17-12/20 | OP | 093 |
| Lab | | TTh | 8:00-9:15 | 809 | | 08/17-12/20 | OP | |

BIOLOGICAL SCIENCES

New Course Numbering System (effective Fall 2015)

| LPC Course Name | New course number | Previous course number |
|-------------------------------|-------------------|------------------------|
| General Botany | BIO 1A | BOTN 1 |
| General Zoology | BIO 1B | ZOOL 1 |
| Cell and Molecular Biology | BIO 1C | BIOL 1 |
| | | |
| General Human Anatomy | BIO 7A | ANAT 1 |
| Human Physiology | BIO 7B | PHSI 1 |
| Microbiology | BIO 7C | MICR 1 |
| | | |
| Intro to Science of Biology | BIO 10 | BIOL 10 |
| Contemporary Human Biology | BIO 20 | BIOL 20 |
| Intro to College Biology | BIO 30 | BIOL 31 |
| Humans and the Environment | BIO 40 | ECOL 10 |
| Anatomy and Physiology | BIO 50 | BIOL 50 |
| Marine Biology | BIO 60 | BIOL 5 |
| Field Biology* | BIO 70 | BIOL 40 |
| | | |
| Independent Study | BIO 29B | BIOL 29 |
| <i>*not currently offered</i> | | |

BIO 1A GENERAL BOTANY **5.0 Units**

Plant structure and function, with emphasis on anatomy, morphology, and physiology of higher (flowering) plants. Includes evolutionary sequence of plant forms and basic principles of ecology. **(Note: Formerly BOTN 1)** Strongly recommended: BIO 30 (formerly BIOL 31)

Prerequisite: MATH 55 OR 55B or an appropriate skill level demonstrated through the mathematics assessment process.

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

| | | | | | | | | |
|-----|-------|-----|-------------|------|----------|-------------|----|-----|
| Day | 22690 | MW | 11:30-12:45 | 1874 | SHULDMAN | 08/17-12/20 | GR | V01 |
| Lab | | TTh | 10:30-1:20 | 1855 | | 08/17-12/20 | GR | |
| Day | 22691 | MW | 1:00-2:15 | 1854 | SHULDMAN | 08/17-12/20 | GR | V02 |
| Lab | | TTh | 2:00-4:50 | 1855 | | 08/17-12/20 | GR | |

BIO 1B GENERAL ZOOLOGY **5.0 Units**

Major groups of animal phyla and heterotrophic unicellular eukaryotes. Topics include comparative structure and function, development, ecology, taxonomy, phylogeny, evolution, and behavior. Designed for majors in biological sciences and related fields. **(Note: Formerly ZOOL 1)** Strongly recommended: BIO 30 (formerly BIOL 31).

Prerequisite: MATH 55 OR 55B or an appropriate skill level demonstrated through the mathematics assessment process.

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | |
|-----|-------|------|-------------|------|------------|-------------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|--|
| Day | 22698 | MW | 11:30-12:45 | 1872 | STAFF | 08/17-12/20 | GR | V01 | | | | | | | | | | |
| | Lab | TTh | 10:30-1:20 | 1851 | | 08/17-12/20 | GR | | | | | | | | | | | |
| Day | 23016 | MW | 1:00-2:15 | 1814 | STAFF | 08/17-12/20 | OP | V02 | | | | | | | | | | |
| | Lab | TTh | 2:00-4:50 | 1851 | | 08/17-12/20 | OP | | | | | | | | | | | |
| Eve | 22699 | MW | 5:00-6:15 | 1872 | STAFF | 08/17-12/20 | GR | 093 | | | | | | | | | | |
| | Lab | MW | 6:30-9:20 | 1851 | | 08/17-12/20 | GR | | | | | | | | | | | |

BIO 1C CELL AND MOLECULAR BIOLOGY 5.0 Units

Principles of cell and molecular biology. Includes biochemistry, cell structure and function, cell homeostasis, cell metabolism, cell reproduction, cell communication, genetics, molecular biology, biotechnology, and evolution. Emphasis on scientific inquiry and experimental design. (Note: Formerly BIOL 1)

Prerequisite: MATH 55, BIO 1A (formerly BOTN 1) or BIO 1B (formerly ZOO 1) completed with a grade of "C" or higher, CHEM 1A (or concurrent enrollment); and eligibility for ENG 1A.

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

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|-----|-------|-----|------------|------|----|-------------|----|-----|
| Day | 22669 | TTh | 9:00-10:15 | 1814 | HO | 08/17-12/20 | GR | V01 |
| | Lab | WF | 8:00-10:50 | 1854 | | 08/17-12/20 | GR | |

BIO 7A HUMAN ANATOMY 5.0 Units

Structure and function of the human body with emphasis on microscopic, gross, and developmental anatomy. Microscopic examination of normal and pathological tissues, and dissection, supplemented by use of charts, models, and computer assisted instruction. (Note: Formerly ANAT 1) Strongly recommended: Eligibility for ENG 1A.

Prerequisite: BIOL 30 (formerly BIOL 31) or equivalent course (completed with a grade of "C" or higher).

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

| | | | | | | | | |
|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 22661 | MW | 9:30-10:45 | 1858 | HIGHT | 08/17-12/20 | OP | V01 |
| | Lab | MW | 11:00-1:50 | 1858 | | 08/17-12/20 | OP | |
| Day | 22662 | TTh | 9:30-10:45 | 1858 | STAFF | 08/17-12/20 | OP | V02 |
| | Lab | TTh | 11:00-1:50 | 1858 | | 08/17-12/20 | OP | |
| Eve | 22668 | MW | 5:00-6:15 | 1858 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | MW | 6:30-9:20 | 1858 | | 08/17-12/20 | OP | |



BIO 7B HUMAN PHYSIOLOGY 5.0 Units

Function and regulation of the human body. This course examines general, cellular, and molecular interactions that integrate the organ systems to maintain homeostasis. Human responses and computer simulations are used to collect and analyze data. Designed for nursing, physical and occupational therapy, and other health sciences majors. (Note: Formerly PHSI 1). Strongly recommended: CHEM 30B and ENG 1A (all completed with grade of "C" or higher).

Prerequisite: ANAT 1 or BIO 7A, CHEM 30A, CHEM 31, or CHEM 1A (all completed with grade of "C" or higher).

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

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|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 22696 | MW | 9:30-10:45 | 1872 | ZINGG | 08/17-12/20 | GR | V01 |
| | Lab | MW | 11:00-1:50 | 1810 | | 08/17-12/20 | GR | |
| Day | 22697 | TTh | 9:30-10:45 | 1810 | HIGHT | 08/17-12/20 | GR | V02 |
| | Lab | TTh | 11:00-1:50 | 1810 | | 08/17-12/20 | GR | |
| Eve | 23017 | TTh | 5:00-6:15 | 1872 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | TTh | 6:30-9:20 | 1810 | | 08/17-12/20 | OP | |

BIO 7C MICROBIOLOGY 5.0 Units

Bacteria, fungi, protozoans, parasites, and viruses with an emphasis on their relationship to humans. Cultivation, control, metabolism, body's defense against disease, microbial genetics, laboratory tests, and contemporary diseases are discussed. Methods used in the laboratory include staining, investigation, cultivation, identification of unknowns, and sensitivity testing. (Note: Formerly MICR 1). Strongly recommended: BIO 7A (formerly ANAT 1).

Prerequisite: BIO 30 (formerly BIOL 31) (completed with a grade of "C" or higher); CHEM 30A or CHEM 1A (all completed with a grade of "C" or higher).

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

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|-----|-------|-----|-------------|------|-------|-------------|----|-----|
| Day | 22694 | TTh | 8:00-9:15 | 1874 | ZINGG | 08/17-12/20 | GR | V01 |
| | Lab | TTh | 9:30-12:20 | 1854 | | 08/17-12/20 | GR | |
| Day | 22695 | TTh | 11:00-12:15 | 1814 | STAFF | 08/17-12/20 | GR | V02 |
| | Lab | TTh | 12:45-3:35 | 1854 | | 08/17-12/20 | GR | |

BIO 10 INTRO TO THE SCIENCE OF BIOL 4.0 Units

Basic principles of biology, dealing with the nature of living things, and the nature of scientific investigation and its bioethical impact in our modern world. Designed for non-majors in biology and biomedical sciences. (Note: Formerly BIOL 10)

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

| | | | | | | | | |
|-----|-------|-----|-------------|------|-------|-------------|----|-----|
| Day | 22671 | MW | 8:00-9:15 | 1872 | STAFF | 08/17-12/20 | OP | V01 |
| | Lab | Mon | 10:00-12:50 | 1855 | | 08/17-12/20 | OP | |
| Day | 22672 | MW | 8:00-9:15 | 1872 | STAFF | 08/17-12/20 | OP | V02 |
| | Lab | Wed | 10:00-12:50 | 1855 | | 08/17-12/20 | OP | |
| Eve | 22673 | MW | 5:00-6:15 | 1874 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | Mon | 6:30-9:20 | 1855 | | 08/17-12/20 | OP | |
| Eve | 22674 | MW | 5:00-6:15 | 1874 | STAFF | 08/17-12/20 | OP | 094 |
| | Lab | Wed | 6:30-9:20 | 1855 | | 08/17-12/20 | OP | |

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

BIO 20 CONTEMPORARY HUMAN BIOLOGY 3.0 Units

A study of the Human organism, beginning at the cellular level, emphasizing organ systems, and also including topics of genetics and biotechnology. (Note: Formerly BIOL 20.)

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

| | | | | | | | | |
|-----|-------|--------|-------------|------|-------|-------------|----|-----|
| Day | 22675 | TTh | 11:00-12:15 | 1874 | STAFF | 08/17-12/20 | GR | V01 |
| Web | 22700 | ONLINE | | | STAFF | 08/17-12/20 | GR | DEI |

BIO 20-DEI (CRN 22700) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BIO 30 INTRO TO COLLEGE BIOLOGY 4.0 Units

Basic principles of biology. Cell structure and function, cell division, cell metabolism, reproduction, genetics, taxonomy, origin of life, and evolution. Laboratory emphasis on developing various laboratory skills, using the metric system, collecting data, graphing, interpreting data, and preparing for and taking laboratory exams. Designed to prepare the necessary concepts and laboratory skills and experience that are needed to succeed in more advanced courses in biology. (Note: Formerly BIOL 31.) Strongly recommended: Math 65 or 65B and eligibility for ENG 1A.

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

| | | | | | | | | |
|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 22676 | MW | 1:00-2:15 | 1872 | STAFF | 08/17-12/20 | GR | V01 |
| Lab | | Mon | 2:45-5:35 | 1851 | | 08/17-12/20 | GR | |
| Day | 22677 | MW | 1:00-2:15 | 1872 | STAFF | 08/17-12/20 | GR | V02 |
| Lab | | Wed | 2:45-5:35 | 1851 | | 08/17-12/20 | GR | |
| Day | 22678 | MW | 9:30-10:45 | 1874 | STAFF | 08/17-12/20 | GR | V03 |
| Lab | | Mon | 11:30-2:20 | 1851 | | 08/17-12/20 | GR | |
| Day | 22679 | MW | 9:30-10:45 | 1874 | STAFF | 08/17-12/20 | GR | V04 |
| Lab | | Wed | 11:30-2:20 | 1851 | | 08/17-12/20 | GR | |
| Day | 22680 | MW | 8:00-9:15 | 1874 | STAFF | 08/17-12/20 | GR | V05 |
| Lab | | Fri | 8:00-10:50 | 1851 | | 08/17-12/20 | GR | |
| Day | 22681 | MW | 8:00-9:15 | 1874 | STAFF | 08/17-12/20 | GR | V06 |
| Lab | | Fri | 11:30-2:20 | 1851 | | 08/17-12/20 | GR | |
| Day | 22682 | TTh | 8:00-9:15 | 1872 | STAFF | 08/17-12/20 | GR | V07 |
| Lab | | Mon | 8:00-10:50 | 1851 | | 08/17-12/20 | GR | |
| Day | 22683 | TTh | 8:00-9:15 | 1872 | STAFF | 08/17-12/20 | GR | V08 |
| Lab | | Wed | 8:00-10:50 | 1851 | | 08/17-12/20 | GR | |
| Day | 22684 | TTh | 12:30-1:45 | 1874 | STAFF | 08/17-12/20 | GR | V09 |
| Lab | | Fri | 8:00-10:50 | 1855 | | 08/17-12/20 | GR | |
| Day | 22685 | TTh | 12:30-1:45 | 1874 | STAFF | 08/17-12/20 | GR | V10 |
| Lab | | Fri | 11:30-2:20 | 1855 | | 08/17-12/20 | GR | |
| Eve | 22686 | TTh | 5:30-6:45 | 1874 | STAFF | 08/17-12/20 | GR | 093 |
| Lab | | Tue | 7:00-9:50 | 1851 | | 08/17-12/20 | GR | |
| Eve | 22687 | TTh | 5:30-6:45 | 1874 | STAFF | 08/17-12/20 | GR | 094 |
| Lab | | Th | 7:00-9:50 | 1851 | | 08/17-12/20 | GR | |

BIO 40 HUMANS AND THE ENVIRONMENT 3.0 Units

Identification of problems created by humans' modification of their environment by focusing on ecological interactions involving the human species; investigating the life processes of organisms as they relate to specific environments. 3 hours. (Note: Formerly, ECOL 10)

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|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 22692 | TTh | 9:30-10:45 | 1874 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|-----|------------|------|-------|-------------|----|-----|

BIO 50 ANATOMY AND PHYSIOLOGY 4.0 Units

Structure and function of the human body is studied. Emphasis on human anatomy and physiological principles at the cellular and systemic level. Designed primarily for majors in paramedic and medical assisting programs and pre-medical students who wish to explore the realm of anatomy and physiology. (Note: Formerly BIOL 50.)

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

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|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 22688 | TTh | 2:30-3:45 | 1872 | STAFF | 08/17-12/20 | GR | V01 |
| Lab | | Th | 4:00-6:50 | 1858 | | 08/17-12/20 | GR | |
| Day | 22689 | TTh | 9:30-10:45 | 1872 | STAFF | 08/17-12/20 | GR | V02 |
| Lab | | Fri | 9:00-11:50 | 1858 | | 08/17-12/20 | GR | |

BUSINESS

BUSN 1A FINANCIAL ACCOUNTING 4.0 Units

A study of accounting as an information system; examining why it's important, and how it's used by investors and creditors to make decisions. Includes the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the classified financial statements for merchandising and service companies, and statement analysis. Also includes issues related to asset, liability and equity valuation; revenue and expense recognition, cash flow, internal controls and ethics. (Formerly Principles of Accounting 1A).

Internet access is required for all BUSN 1A sections.

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|-----|-------|-----|------------|------|--------|-------------|----|-----|
| Day | 20934 | Tue | 9:00-10:50 | 1873 | CHOPRA | 08/17-12/20 | OP | HY1 |
| Lab | | Th | 9:00-9:50 | 1873 | | 08/17-12/20 | OP | |

ONLINE/HYBRID

08/17-12/20 OP

BUSN 1A-HY1 (CRN 20934) is a hybrid course that meets every Tuesday and Thursday in Room 1873 from 9:00-10:50am. The remaining one hour each week will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--------|------------|------|--------|-------------|----|-----|
| Day | 20395 | MW | 12:30-2:20 | 2450 | BELL | 08/17-12/20 | OP | V02 |
| Lab | | Mon | 2:30-3:20 | 2450 | | 08/17-12/20 | OP | |
| Day | 20654 | TTh | 3:30-5:20 | 2204 | BELL | 08/17-12/20 | OP | V03 |
| Lab | | Th | 5:30-6:20 | 2204 | | 08/17-12/20 | OP | |
| Eve | 20394 | MW | 6:30-8:20 | 2416 | YAP | 08/17-12/20 | OP | 093 |
| Web | 22136 | ONLINE | | | CHOPRA | 08/17-12/20 | OP | DEI |

BUSN 1A-DEI (CRN 22136) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 1B MANAGERIAL ACCOUNTING 4.0 Units

A study of the use and reporting of accounting data for managerial planning, cost control, and decision making purposes. Includes broad coverage of concepts, structures, classifications, and behaviors of costs. Topics include; cost systems, job costing, process costing, activity based costing, relationship between cost, volume and profitability, relevant range, standard costing, profit planning and budgeting, static and flexible budgeting, responsibility accounting and segment reporting, absorption and variable costing and capital expenditure decisions. (Formerly Principles of Accounting 1B).

Prerequisite: BUSN 1A (completed with a grade of "C" or higher).

Internet access is required for all BUSN 1B sections.

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|-----|-------|-----|-----------|------|------|-------------|----|-----|
| Eve | 22947 | MW | 6:00-7:50 | 2205 | BELL | 08/17-12/20 | OP | 093 |
| Lab | | Wed | 8:00-8:50 | 2205 | | 08/17-12/20 | OP | |

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

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|-----|-------|--------|---------------|------|--------|-------------|----|-----|
| Day | 20629 | Tue | 12:30-2:20 | 2460 | CHOPRA | 08/17-12/20 | OP | HYI |
| | | Th | 12:30-1:20 | 2460 | | 08/17-12/20 | OP | |
| | | Lab Th | 1:30-2:20 | 2460 | | 08/17-12/20 | OP | |
| | | | ONLINE/HYBRID | | | 08/17-12/20 | OP | |

BUSN 1B-HYI (CRN 20629) is a hybrid course that meets every Tuesday and Thursday from 12:30-2:30pm in room 2460. The remaining one hour each week will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--------|--|--|--------|-------------|----|-----|
| Web | 22430 | ONLINE | | | CHOPRA | 08/17-12/20 | OP | DEI |
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BUSN 1B-DEI (CRN 22430) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 18 BUSINESS LAW 4.0 Units
A study of the legal environment of business. Covering laws and regulations impacting business decisions transactions. Introduction to the legal process. Topics include sources of legal concepts and ethics, criminal law, torts, contracts, consumer financial transactions, environment, competition, agency, criminal law, business organizations, and judicial and administrative processes. Strongly recommended: BUSN 40 and ENG 1A.

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|-----|-------|-----|---------------|------|--------|-------------|----|-----|
| Day | 22625 | TTh | 2:00-3:50 | 2470 | WEAVER | 08/17-12/20 | OP | V02 |
| Eve | 21529 | Mon | 6:00-9:50 | 2470 | AYOTTE | 08/17-12/20 | OP | 093 |
| Day | 20408 | TTh | 11:00-12:15 | 2470 | WEAVER | 08/17-12/20 | OP | HYI |
| | | | ONLINE/HYBRID | | | 08/17-12/20 | OP | |

BUSN 18-HYI (CRN 20408) is a hybrid course that meets every Tuesday and Thursday in Room 2470 from 11:00-12:15pm. The remaining one hour each week will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--------|--|--|--------|-------------|----|-----|
| Web | 20600 | ONLINE | | | WEAVER | 08/17-12/20 | OP | DEI |
|-----|-------|--------|--|--|--------|-------------|----|-----|

BUSN 18-DEI (CRN 20600) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 20 INTERNATIONAL BUSINESS 3.0 Units

Exploration of major factors involved in developing international entrepreneurship. Includes an overview of economic, historical, technological, legal, environmental, and educational implications on entrepreneurship. Analyzes cultural differences, issues and trends, which influence entrepreneurship and business decision-making. Options for emerging markets; international marketing; manufacturing, physical distribution, and foreign investment options are explored along with State and federal resources available to facilitate importing and exporting. Strongly recommended: BUSN 40 and ENG 1A.

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|-----|-------|-----|-----------|-----|--------|-------------|----|-----|
| Eve | 22948 | Wed | 6:00-8:50 | 104 | STOKKE | 08/17-12/20 | OP | 093 |
|-----|-------|-----|-----------|-----|--------|-------------|----|-----|

BUSN 30 BUSINESS ETHICS AND SOCIETY 3.0 Units

A survey of the past and current behavior of business in American society. Examines the ethical, political and social issues confronting organizations and the organizations' responsibilities and obligations in responding to them. Discusses the responsibility of business toward customers, employees, stockholders, competitors, suppliers, government and the community at large.

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|-----|-------|--------|------------|------|--------|-------------|----|-----|
| Day | 20652 | TTh | 9:30-10:45 | 2460 | STOKKE | 08/17-12/20 | OP | V01 |
| Web | 22657 | ONLINE | | | STOKKE | 08/17-12/20 | OP | DEI |

BUSN 30-DEI (CRN 22657) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 40 INTRODUCTION TO BUSINESS 3.0 Units

A multidisciplinary examination and introduction to business operations within the U.S. and global society. Provides an overview of global economic systems, business formations, business ethics and laws, general accounting practices and financing, facility location and layout, production, organizational structures and management functions. Fundamentals of risk management, marketing, human resources, and employee motivation are covered. Demonstrates how culture, society, and external business environments impact a business' ability to achieve its organizational goals. Strongly recommended: ENG 1A.

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|-----|-------|----|-------------|------|--------|-------------|----|-----|
| Day | 20409 | MW | 11:00-12:15 | 2420 | GROOMS | 08/17-12/20 | OP | V01 |
|-----|-------|----|-------------|------|--------|-------------|----|-----|

Internet access is required for BUSN 40-V01 (CRN 20409).

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|-----|-------|-----|-------------|------|--------|-------------|----|-----|
| Day | 21530 | TTh | 11:00-12:15 | 2450 | GROOMS | 08/17-12/20 | OP | V02 |
|-----|-------|-----|-------------|------|--------|-------------|----|-----|

Internet access is required for BUSN 40-V02 (CRN 21530).

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|-----|-------|-----|-----------|------|--------|-------------|----|-----|
| Day | 22626 | TTh | 2:30-3:45 | 2306 | GROOMS | 08/17-12/20 | OP | V03 |
|-----|-------|-----|-----------|------|--------|-------------|----|-----|

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|-----|-------|----|-----------|------|---------|-------------|----|-----|
| Eve | 20876 | Th | 6:00-8:50 | 2450 | LEDERER | 08/17-12/20 | OP | 093 |
|-----|-------|----|-----------|------|---------|-------------|----|-----|

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|-----|-------|--------|--|--|--------|-------------|----|-----|
| Web | 20599 | ONLINE | | | WEAVER | 08/17-12/20 | OP | DEI |
|-----|-------|--------|--|--|--------|-------------|----|-----|

BUSN 40-DEI (CRN 20599) is an online course. For more information, see section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--------|--|--|--------|-------------|----|-----|
| Web | 22083 | ONLINE | | | WEAVER | 08/17-12/20 | OP | DE2 |
|-----|-------|--------|--|--|--------|-------------|----|-----|

BUSN 40-DE2 (CRN 22083) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--------|--|--|--------|-------------|----|-----|
| Web | 22353 | ONLINE | | | WEAVER | 10/17-12/09 | OP | LO1 |
|-----|-------|--------|--|--|--------|-------------|----|-----|

BUSN 40-DE3 (CRN 22353) is a Late Start online course that meets from Oct 17-Dec 9. For more information, see section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.



BUSN 43 PROFESSIONAL COMMUNICATIONS 3.0 Units

This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes critical thinking, planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and technical report writing skills. Students who have completed or are in Computer Information Systems 43, Computer Networking Technology 43, or Computer Science 43 may not receive credit.

Prerequisite: ENG 1A

Web 22627 ONLINE/HYBRID AUSTIN 08/17-12/20 OP HDI

BUSN 43-HDI (CRN 22627) is a hybrid course. All class meetings will be online, except on the following dates when students will meet on campus from 10am-1pm in Room 2460: Aug. 22, Oct. 10, and either Dec. 5 OR Dec. 12. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 48 HUMAN RELATIONS IN WORKPLACE 3.0 Units

An introduction to the interpersonal skills needed in today's workplace with a focus on decision making, cross cultural relations, resolving conflict, managing change, group dynamics, ethical behavior, becoming a leader, and personal career management. Students who have completed Supervision 81 may not receive credit.

Web 21531 ONLINE STEIN 08/31-12/20 OP LOI

BUSN 48-L01 (CRN 21531) is a Late Start online course that meets from Aug 31-Dec 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 51A GENERAL ACCOUNTING I 3.0 Units

Bookkeeping practice; debit and credit practice; books of original entry; ledgers, working papers, adjusting and closing entries; income statement, balance sheet, and statement of owners' equity, cash, payroll, special journals, merchandising firms.

Internet access is required for **BUSN 51A-V01 (CRN 22628).**

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|-----|-------|-----|-------------|------|------|-------------|----|-----|
| Day | 22628 | MW | 9:00-10:20 | 2206 | BELL | 08/17-12/20 | OP | V01 |
| Lab | | Mon | 10:30-11:20 | tba | | 08/17-12/20 | OP | |

BUSN 53 BUSINESS CORRESPONDENCE 3.0 Units

Development of skills in organizing and writing business letters, memoranda, reports, resumes, and letters of application with emphasis on rules for punctuation, spelling, and grammar which meet the needs of modern business. Strongly recommended: Eligibility for ENG 1A.

Web 20874 ONLINE JUREVICH 08/17-10/14 OP DEI

BUSN 53-DEI (CRN 20874) is a Fast Track online course that meets from Aug 17-Oct 14. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>

BUSN 55 BUSINESS MATHEMATICS 3.0 Units

Mathematics to solve typical business problems including simple interest, compound interest, installment sales, trade and cash discounts, markon percents, pricing, discounting notes and drafts, depreciation, taxes, insurance, statistics, stocks and bonds, and distribution of ownership and profits. Strongly recommended: BUSN 105A and 105B or 107.

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|-----|-------|-----|-----------|-----|--------|-------------|----|-----|
| Eve | 21532 | Tue | 5:30-7:20 | 106 | CHOPRA | 08/17-12/20 | OP | HYI |
| | | | | | | 08/17-12/20 | OP | |

BUSN 55-HYI (CRN 21532) is a hybrid course. Students will meet on campus Tuesdays from 5:30pm-7:20pm in Room 106. The remainder of the course is completed online. For more information, see the section titled

"Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 56 INTRODUCTION TO MANAGEMENT 3.0 Units

Introduction to the application of tools, principles and concepts in business management. Emphasis will be on planning, organizing, leading, and controlling. Additional topics will include decision-making, employee motivation, team work, and current trends.

Web 20653 ONLINE JUREVICH 10/17-12/09 OP LOI

BUSN 56-L01 (CRN 20653) is a Late Start online course that meets from Oct 17-Dec 9. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.



BUSN 58 SMALL BUSINESS MANAGEMENT 3.0 Units

Fundamentals of starting and operating a business. Emphasis on achieving optimum benefits from limited resources. Focus on management functions, financing options, e-commerce, marketing, and regulatory issues encountered by start-up businesses. 3 hours lecture. Strongly recommended: BUSN 51 or BUSN 1A.

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|-----|-------|-----|-----------|------|--------|-------------|----|-----|
| Eve | 22629 | Mon | 6:00-8:50 | 1641 | GROOMS | 09/12-12/20 | OP | LOI |
|-----|-------|-----|-----------|------|--------|-------------|----|-----|

BUSN 58-L01 (CRN 22629) is a Late Start hybrid course that meets from Sept 12-Dec 20. All classes will meet on Mondays from 6:00pm-8:50pm in room 1641. The remainder of the course is completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 61 INTRO. TO QUICKBOOKS ACCTG 1.5 Units

Introduction to the use of QuickBooks accounting software to process transactions related to a service company. Specific topics include using company files, sales and receivables, payables and purchases, end of period transactions and payroll. Transactions include journalizing, adjusting entries, closing entries, bank reconciliation and preparing financial statements. Strongly recommended: BUSN 1A or BUSN 51A or equivalent.

Web 20979 ONLINE DORSETT 08/17-12/20 OP DEI

BUSN 61-DEI (CRN 20979) is an online course. QuickBooks 2013 software is packaged with the required textbook. Students enrolled in this course will need to install the QB2013 software on their personal computer. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 65 FEDERAL INCOME TAX ACCOUNTING 3.0 Units

A study and analysis of the principles of federal income tax applied to employees, self-employed individuals and rental income. Includes an overview of taxes related to partnerships, informational returns and corporate tax returns. Analysis of the Internal Revenue Code with examination of court rulings and

regulations. Review of new legislation that alters existing tax law. Introduction to tax preparation software is included.

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Eve | 21031 | Tue | 6:30-9:20 | 2470 | STAFF | 08/17-12/20 | OP | 093 |
|-----|-------|-----|-----------|------|-------|-------------|----|-----|

BUSN 74 OFFICE PROCEDURES 3.0 Units

Introduction to office principles and procedures including telephone skills, office equipment, working effectively in a team environment, records management, customer service, meeting/event planning, postal/shipping services, utilizing the internet for on-line services and resources, written and oral business communications, conflict resolution and office etiquette. Prepares administrative professionals to work in a diversified workforce with emerging technologies. Strongly recommended: CIS 8 and CIS 71C.

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|-----|-------|--------|--|--|-------|-------------|----|-----|
| Web | 20407 | ONLINE | | | STAFF | 08/17-12/20 | OP | DEI |
|-----|-------|--------|--|--|-------|-------------|----|-----|

BUSN 74-DEI (CRN 20407) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2010 software.

BUSN 88 HUMAN RESOURCES MANAGEMENT 3.0 Units

Introduction to the management of human resources with an emphasis on understanding the impact and accountability to the organization in terms of human resource decisions and activities. Focus on best strategies and practices in recruitment and selection, performance management, compensation and benefits, employee relations, and workplace health, safety and security. Strongly recommended: Business 56.

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|-----|-------|--------|--|--|----------|-------------|----|-----|
| Web | 21030 | ONLINE | | | JUREVICH | 08/31-12/20 | OP | LOI |
|-----|-------|--------|--|--|----------|-------------|----|-----|

BUSN 88-LOI (CRN 21030) is a Late Start online course that meets from Aug 31-Dec 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

BUSN 95 BUSINESS WORK EXPERIENCE 1.0 Units

College supervised part-time or full-time employment. Through the cooperation of the work supervisor, students contract to accomplish new learning objectives and broaden their experiences at work. 5-15 hours of employment per week. Corequisite: BUSN 96.

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|-----|-------|--------|-------------|-----|--------|-------------|----|-----|
| Day | 20452 | By Arr | 17.4 Hrs/Wk | tba | AYOTTE | 08/29-12/20 | GR | LOI |
|-----|-------|--------|-------------|-----|--------|-------------|----|-----|

BUSN 95-LOI (CRN 20452) is a Late Start course that meets from Aug 29-Dec 20.

NOTE: BUSN 95 & BUSN 96 must be taken at the same time. These courses may not be taken separately or during different semesters. For more information about Work Experience, visit the course website at <http://www.laspositascollege.edu/WorkBasedLearning/studentFAQs.php>

BUSN 96 BUSINESS WK EXPERIENCE SEMINAR 1.0 Units

Earn college credit while working. Focal point for the coordination of college supervised part-time or full-time employment. With an emphasis on building strong working relationships with supervisors, subordinates and co-workers, seminar topics include: effective communication skills, career exploration, resume writing, job interviewing and case studies. Corequisite: BUSN 95

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|-----|-------|--------|--|--|--------|-------------|----|-----|
| Web | 20514 | ONLINE | | | AYOTTE | 08/29-12/20 | GR | LOI |
|-----|-------|--------|--|--|--------|-------------|----|-----|

BUSN 96-LOI (CRN 20514) is a Late Start online course that meets from Aug 29-Dec 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

NOTE: BUSN 95 & BUSN 96 must be taken at the same time. These courses may not be taken separately or during different semesters. For more information about Work Experience, visit the course website at <http://www.laspositascollege.edu/WorkBasedLearning/studentFAQs.php>

CHEMISTRY

CHEM IA GENERAL COLLEGE CHEMISTRY I 5.0 Units

Introduction to atomic structure, bonding, stoichiometry, thermochemistry, gases, matter and energy, oxidation-reduction, chemical equations, liquids and solids, solutions, chemical energetics and equilibrium. Laboratory includes both quantitative and qualitative experiments.

Prerequisites: MATH 55 or 55B and CHEM 31 (all courses completed with a grade of "C" or higher). The Chemistry 31 prerequisite can be fulfilled by demonstrating the appropriate skill level in the Chemistry Placement Process.

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|-----|-------|-----|------------|------|--------|-------------|----|-----|
| Day | 20123 | MW | 8:00-9:15 | 1814 | STAFF | 08/17-12/20 | GR | VO1 |
| | Lab | TTh | 7:30-10:20 | 1802 | | 08/17-12/20 | GR | |
| Day | 20124 | MW | 1:05-2:20 | 1871 | FLORES | 08/17-12/20 | GR | VO2 |
| | Lab | TTh | 1:30-4:20 | 1802 | | 08/17-12/20 | GR | |
| Day | 22280 | TTh | 1:30-2:45 | 1816 | STAFF | 08/17-12/20 | GR | VO3 |
| | Lab | MW | 1:30-4:20 | 1802 | | 08/17-12/20 | GR | |
| Eve | 20125 | MW | 5:30-6:45 | 1871 | STAFF | 08/17-12/20 | GR | 093 |
| | Lab | MW | 7:00-9:50 | 1802 | | 08/17-12/20 | GR | |

CHEM IB GENERAL COLLEGE CHEMISTRY II 5.0 Units

Continuation of Chemistry 1A. Includes chemical energetics and equilibria, solutions and ionic equilibria, acid-base chemistry, electrochemistry, coordination chemistry, kinetics, nuclear chemistry, organic chemistry, and the chemistry of family groups of the periodic table. Laboratory emphasizes quantitative techniques, including instrumentation, and qualitative analysis.

Prerequisite: Chemistry 1A (completed with a grade of "C" or higher).

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|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 20584 | TTh | 8:00-9:15 | 1816 | STAFF | 08/17-12/20 | GR | VO1 |
| | Lab | WF | 8:00-10:50 | 1802 | | 08/17-12/20 | GR | |
| Eve | 23151 | TTh | 5:30-6:45 | 1826 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | TTh | 7:00-9:50 | 1802 | | 08/17-12/20 | OP | |



CHEM 12A ORGANIC CHEMISTRY I **5.0 Units**

Hydrocarbons, alkyl halides, alcohols, ethers, and an introduction to aromatic hydrocarbons. Structure, bonding, stereochemistry, conformational analysis, nomenclature, and physical properties in relation to these particular groups of compounds. Emphasis on reactivity and reaction mechanisms. Laboratory work includes microscale, macroscale, spectroscopic, and chromatographic techniques. Chemistry 12A is the first semester in a year long course in organic chemistry designed for students majoring in chemistry and related disciplines.

Prerequisite: Chemistry 1B (completed with a grade of "C" or higher).

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|-----|-------|-----|-----------|------|--------|-------------|----|-----|
| Day | 20226 | MW | 1:00-2:15 | 1874 | ANSELL | 08/17-12/20 | GR | V02 |
| Lab | | TTh | 1:30-4:20 | 1805 | | 08/17-12/20 | GR | |

CHEM 12A-V02 (CRN 20226) is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit www.laspositascollege.edu/honors for more information.

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|-----|-------|-----|-----------|------|------|-------------|----|-----|
| Eve | 21536 | MW | 6:00-7:15 | 1816 | GROW | 08/17-12/20 | GR | 093 |
| Lab | | TTh | 6:00-8:50 | 1805 | | 08/17-12/20 | GR | |

CHEM 30A INTRO AND APPLIED CHEMISTRY I **4.0 Units**

Chemistry of inorganic compounds, atomic theory, bonding, equations, gas laws, solutions, acid-base theory and oxidation-reduction. Designed to meet the requirements of certain programs in allied health and technological fields and for general education.

Prerequisite: MATH 65 or 65B (completed with a grade of "C" or higher).

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|-----|-------|-----|------------|------|--------|-------------|----|-----|
| Day | 20455 | MW | 8:00-9:15 | 1816 | FLORES | 08/17-12/20 | GR | V01 |
| Lab | | Th | 8:00-10:50 | 1807 | | 08/17-12/20 | GR | |
| Day | 20811 | MW | 8:00-9:15 | 1816 | FLORES | 08/17-12/20 | GR | V02 |
| Lab | | Fri | 8:30-11:20 | 1807 | | 08/17-12/20 | GR | |
| Eve | 20862 | MW | 6:30-7:45 | 1807 | STAFF | 08/17-12/20 | GR | 093 |
| Lab | | MW | 8:00-9:15 | 1807 | | 08/17-12/20 | GR | |

CHEM 30B INTRO AND APPLIED CHEMISTRY II **4.0 Units**

Continuation of Chemistry 30A with emphasis on organic and biochemical concepts related to human physiological systems.

Prerequisite: CHEM 30A (completed with a grade of "C" or higher).

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|-----|-------|-----|------------|------|--------|-------------|----|-----|
| Day | 20902 | TTh | 9:30-10:45 | 1871 | ANSELL | 08/17-12/20 | GR | V01 |
| Lab | | Fri | 9:30-12:20 | 1805 | | 08/17-12/20 | GR | |
| Eve | 22439 | MW | 6:30-7:45 | 1805 | STAFF | 08/17-12/20 | OP | 093 |
| Lab | | MW | 8:00-9:15 | 1805 | | 08/17-12/20 | OP | |

CHEM 31 INTRO TO COLLEGE CHEMISTRY **4.0 Units**

Elementary concepts of chemistry with emphasis on mathematical calculations; includes nomenclature, stoichiometry, atomic structure, gas laws, and acids and bases. Designed for majors in science and engineering.

Prerequisite: MATH 55 or 55B (completed with a grade of "C" or higher).

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Day | 20327 | MW | 1:05-2:20 | 1873 | GROW | 08/17-12/20 | OP | V01 |
| Lab | | Tue | 1:30-4:20 | 1807 | | 08/17-12/20 | OP | |
| Day | 20585 | MW | 1:05-2:20 | 1873 | GROW | 08/17-12/20 | OP | V02 |
| Lab | | Th | 1:30-4:20 | 1807 | | 08/17-12/20 | OP | |
| Eve | 20126 | TTh | 5:30-6:45 | 1816 | STAFF | 08/17-12/20 | OP | 093 |
| Lab | | Tue | 7:00-9:50 | 1807 | | 08/17-12/20 | OP | |
| Eve | 22287 | TTh | 5:30-6:45 | 1816 | STAFF | 08/17-12/20 | OP | 094 |
| Lab | | Th | 7:00-9:50 | 1807 | | 08/17-12/20 | OP | |

COMPUTER INFORMATION SYSTEMS

CIS 8 ESSENTIAL COMPUTING SKILLS **2.0 Units**

What everyone needs to know. Fundamental computer competency course designed to develop the basic computer skills and knowledge required in today's technological world. Basic computer competency is no longer a nicety, but rather a necessity. Topics include: essentials of computing, hardware and software concepts, the Internet, ethical issues, and information protection. Practical hands-on applications will introduce students to the fundamentals of word processing, spreadsheets, presentation software, and email communication. Use of the technology to identify, gather, and analyze information and for communication, and understanding the legal, ethical and societal implications of technology. No previous experience with computers is required.

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|-----|-------|--------|------------|------|-----------|-------------|----|-----|
| Day | 20726 | By Arr | 1.6 Hrs/Wk | 803B | VARDANEGA | 08/29-12/20 | OP | LS1 |
| Lab | | By Arr | 1.6 Hrs/Wk | 803B | | 08/29-12/20 | OP | |

CIS 8-LS1 (CRN 20726) is a Late Start course that meets from Aug 29-Dec 20. Students MUST attend an orientation on either Monday Aug 29, at 2:30pm or Wednesday Aug 31 at 1:30pm in room 803. At the orientation, students will work with the instructor to schedule required class hours in the 803 computer lab. This is not an online class.

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|-----|-------|-----|-----------|------|------|-------------|----|-----|
| Eve | 20661 | Tue | 6:30-8:50 | 803B | HART | 08/29-12/20 | OP | LE2 |
| Lab | | Th | 6:30-8:50 | 803B | | 08/29-12/20 | OP | |

CIS 8-LE2 (CRN 20661) is a Late Start courses that meets from Aug 29-Dec 20.

CIS 43 PROFESSIONAL COMMUNICATIONS **3.0 Units**

This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes critical thinking, planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and technical report writing skills. Students who have completed or are enrolled in Business 43, Computer Networking Technology 43, or Computer Science 43 may not receive credit.

Prerequisite: ENG 1A.

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|-----|-------|---------------|--|--------|--|-------------|----|-----|
| Web | 20617 | ONLINE/HYBRID | | AUSTIN | | 08/17-12/20 | OP | HDI |
|-----|-------|---------------|--|--------|--|-------------|----|-----|

CIS 43-HDI (CRN 20617) is a hybrid course. All class meetings will be online except on the following dates when students will meet on campus from 10am - 1pm in Room 2460: Aug. 20, Oct. 15, and either Dec. 3 OR Dec. 10. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 50 INTRO TO COMPUTING INFO TECH **3.0 Units**

A comprehensive introductory to the concepts of management and information systems used in business and similar organizations. Covers the role of and information, how computers are used in business and other organizations to provide information. Focus on information systems, database management system, networking, e-commerce, ethics and security, computer system hardware and software components. Students will interactively solve applied problems utilizing software productivity tools such as: word processors, spreadsheets, databases, presentation, WWW, and programming languages. Introduce the analytical, written and oral communication skills necessary to communicate effectively in a business computing environment.

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|-----|-------|--------|-------------|------|--------|-------------|----|-----|
| Day | 20025 | MW | 8:00-9:15 | 2490 | DONAT | 08/17-12/20 | OP | V01 |
| Lab | | ONLINE | | | | 08/17-12/20 | OP | |
| Day | 20024 | TTh | 11:00-12:15 | 1641 | FIELDS | 08/17-12/20 | OP | V02 |
| Lab | | ONLINE | | | | 08/17-12/20 | OP | |
| Eve | 20616 | MW | 3:30-4:45 | 403 | AUSTIN | 08/17-12/20 | OP | 093 |
| Lab | | ONLINE | | | | 08/17-12/20 | OP | |

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

Web 20439 ONLINE FIELDS 08/17-12/20 OP DEI
CIS 50-DEI (CRN 20439) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2013 or Microsoft Office 2016 software.

Web 20026 ONLINE FIELDS 08/17-12/20 OP DE2
CIS 50-DE2 (CRN 20026) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2013 or Microsoft Office 2016 software.

CIS 54 EXCEL: INTRO TO SPREADSHEETS 4.0 Units

Introductory level spreadsheet class using Microsoft Excel to create a variety of spreadsheets with emphasis on business application programs. Identification of an Excel worksheet, adding numbers and text to a worksheet, calculations using functions and formulas, modify, change and format cell entries, save, retrieve and print a worksheet. Includes functions, templates, data query, charts, and macros. Strongly recommended: CIS 50.

Day 20273 Mon 12:30-3:15 804 HART 08/17-12/20 OP HYI
ONLINE/HYBRID 08/17-12/20 OP

CIS 54-HYI (CRN 20273) is a hybrid course. Students will meet on campus Mondays from 12:30-3:15pm in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2013 or Microsoft Office 2016 software.

Web 20933 ONLINE DONAT 08/17-12/20 OP DEI
CIS 54-DEI (CRN 20933) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2013 software.

Web 22769 ONLINE HART 08/17-12/20 OP DE2
CIS 54-DE2 (CRN 22769) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2016 software.

CIS 55 INTEGRATING OFFICE APPLICATION 4.0 Units

Develop a beginning/intermediate level of skills using Microsoft Office features of Word, Excel, Access, PowerPoint to design, produce and integrate: documents, worksheets, databases and professional presentations. The use of Object Linking and Embedding (OLE) to create integrated office documents that promote information sharing and collaboration are covered along with how to create simple integrated office documents on the Web. This course emphasizes workplace communications and information processing skills and standards. Students will complete integrated projects that apply technology to business tasks and represent what is required in an actual business environment using the components of Microsoft Office (Word, Excel, PowerPoint, Access). Strongly recommended: CIS 50.

Eve 20620 Wed 6:30-9:20 714 FIELDS 08/17-12/20 OP HYI
ONLINE/HYBRID 08/17-12/20 OP

CIS 55-HYI (CRN 20620) is a hybrid course. Students will meet on campus Wednesdays from 6:30-9:20 in Room 714. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2016 software.

Web 23018 ONLINE FIELDS 08/17-12/20 OP DEI
CIS 55-HYI (CRN 23018) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2016 software.

CIS 59A WEB DEVELOPMENT: HTML/XHTML 2.0 Units

Introduction to publishing on the World Wide Web (WWW). Topics include: creating Web pages with markup languages, including HTML/XHTML, file management for the Web, and uploading files via File Transfer Protocol (FTP) to a web server. This course includes coding with mark up languages, cascading style sheets, and introduction to scripting (JavaScript), the use of images and other media (audio, video) on the Web, and interactive tools like forms and image maps. This course prepares apprentice Web designers and developers to identify the information needs of a client, design appropriate WWW solutions, and implement them. Strongly recommended: CIS 50.

Eve 20827 Tue 6:30-9:20 805 STAFF 08/17-10/14 OP HYI
ONLINE/HYBRID 08/17-10/14 OP

CIS 59A-HYI (CRN 20827) is a Fast Track hybrid course that meets from Aug 17-Oct 14. Students will meet on campus Tuesdays from 6:30-9:20p.m. in room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.



CIS 59B WEB DEV: DHTML/XHTML,CSS,JAVA 2.0 Units

An expansion of HTML web authoring capabilities that includes Dynamic HTML/XHTML, cascading style sheets, and JavaScript. This course is designed to offer students a case-oriented, problem-solving approach to learning beyond the basics of HTML/XHTML. Students will quickly review all the most important topics of HTML/XHTML, from the basics of creating Web pages with graphics and links, using tables, and controlling page layout with frames, to study more advanced topics, including cascading style sheets, programming with JavaScript and JavaScript objects and events, creating a multimedia Web page, creating a Web page with forms, working with dynamic content and layout, controlling mouse and keyboard events, and creating new frames and windows. Strongly recommended: CIS 59A.

Eve 20878 Tue 6:30-9:45 805 STAFF 10/17-12/09 OP LDI
ONLINE/HYBRID 10/17-12/09 OP

CIS 59B-LDI (CRN 20878) is a Late Start hybrid course that meets from Oct 17-Dec 9. Students will meet on campus Tuesdays from 6:30-9:45p.m.

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

in Room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 60 SYSTEMS ANALYSIS AND DESIGN 3.0 Units

The course presents a systematic methodology for analyzing a business problem or opportunity, determining the role which computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the information systems solution in particular, in-house development, development from third-party providers, or purchased commercial-off-the-shelf packages. Provides the opportunity to follow systems development life cycle (SDLC): analyze current systems, design logical and physical systems, program development, implementation, testing, maintenance, and documentation. Strongly recommended: CIS 50.

Web 21065 ONLINE FIELDS 08/17-12/20 OP DEI
CIS 60-DEI (CRN 21065) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 65 INTRO TO DESKTOP OPERATING SYS 2.0 Units

By performing numerous hands-on labs, students in this class will gain an understanding of desktop operating systems using command line and GUI interfaces. Students will use virtualization software to install and configure operating systems and user applications on a class room computer. Students will also experiment with remote computing and storage. Current operating systems for portable devices will be demonstrated. The role of hardware, application software and the operating system and how they interact with each other will be explored. Students who have completed or are enrolled in Computer Networking Technology 50 may not receive credit. Strongly Recommended: CIS 50.

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|------------|--------------|-----------|------------------|------------|--------------|--------------------|-----------|------------|
| Eve | 20402 | Th | 3:30-5:20 | 804 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | Th | 5:30-6:20 | 804 | | 08/17-12/20 | OP | |

CIS 66 NETWORKING FUNDAMENTALS 3.0 Units

This course provides an introduction to computer networking fundamentals skills needed to meet the industry demand for entry-level Network Technicians. Topics include: Ethernet network fundamentals, Local Area Networks (LANs), and Wide Area Networks (WAN) technologies, the Open Systems Interconnection (OSI) model, wiring implementations, network adapters and connectivity devices, IPv4/IPv6 addressing, Voice over IP (VoIP), and wireless standards. Tools to help prevent cyber attacks with IDS (Intrusion Detection Systems), authentication, and encryption are demonstrated. Student labs include: configuration of a SOHO (Small Office/Home Office), a firewall, a virtual private network (VPN), a switch, and a router and documenting a networking using professional drawing software. The responsibilities of an ICT (Information and Communications Technology) professional will be introduced. This course prepares students for the CompTIA Network+ Certification Exam. This professional certification verifies the student has the knowledge equivalent to that of an ICT technician with about 12 months of hands-on experience. Strongly recommended: CIS 50.

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|------------|--------------|------------|-------------------|------------|--------------|--------------------|-----------|------------|
| Eve | 20180 | Tue | 6:30-9:20 | 507 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | Tue | 9:30-10:20 | 804 | | 08/17-12/20 | OP | |

CIS 71 COMPUTER TYPING 1.0 Units

Individualized instruction in computer typing. Instruction in basic to advance skills development.

Day 20621 Lab MW 1:30-3:00 803B VARDANEGA 08/29-12/20 OP LSI
CIS 71-LSI (CRN 20621) is a Late Start course that meets from Aug 29-Dec 20.

CIS 71A KEYBOARDING/WORD PROCESSING 1.0 Units

Introduction to the alphabet letter keys on the computer keyboard for touch-typing. Learn basic keyboarding techniques for accuracy and speed. This course is the first in a series of sequential courses in Keyboarding Instruction. Students are advised to take these courses in sequence for best training results.

Web 20404 ONLINE AUSTIN 08/29-12/20 OP L01
CIS 71A-L01 (CRN 20404) is a Late Start online course that meets from Aug 29-Dec 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Course materials and software must be purchased from the college bookstore.

CIS 71B KEYBOARD (NUMBERS AND SYMBOLS) 1.0 Units

Introduction to the numbers and symbol keys on the computer keyboard for touch typing. Review of alphabetic keys and common punctuation marks. Speed building and accuracy improvement. Strongly Recommended: CIS 71A.

Web 20405 ONLINE AUSTIN 08/29-12/20 OP L01
CIS 71B-L01 (CRN 20405) is a Late Start online course that meets from Aug 29-Dec 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Course materials and software must be purchased from the college bookstore.

CIS 71C SKILLS IMPROVEMENT 1.0 Units

Development of keyboarding skill for those students who have learned the location of the keys on the keyboard by touch and are ready to increase speed and accuracy. Practice keyboarding control of speed and accuracy on straight copy, rough draft copy, and copy with numbers, and symbols. Skill progress is measured by keying text within specified time limits. Students should know the location of the keys on the keyboard before attempting this course. This course is the third module in a sequential series of beginning keyboarding instruction. Strongly Recommended: CIS 71B.

Web 20406 ONLINE AUSTIN 08/29-12/20 OP L01
CIS 71C-L01 (CRN 20406) is a Late Start online course that meets from Aug 29-Dec 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Course materials and software must be purchased from the college bookstore.



**The following DAY CIS classes are offered on an INDIVIDUALIZED, HANDS-ON basis:
CIS 71, 72A, 72B, 73A & 75**

Lab hours are arranged with the instructor by reporting to the 803 computer lab at 9:00am or 10:00am **ON THE FIRST DAY OF THE CLASS AS LISTED BELOW.** If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact Gail Vardanega via email at gwardanega@laspositascollege.edu.

**The following EVENING CIS classes are offered on an INDIVIDUALIZED, HANDS-ON basis:
CIS 71, 72A, 72B, 73A & 75**

Lab hours are arranged with the instructor by reporting to the 803 computer lab at 6:00pm or 7:00pm **ON THE FIRST DAY OF THE CLASS AS LISTED BELOW.** If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact LaVaughn Hart via email at lhart@laspositascollege.edu.

CIS 71 COMPUTER TYPING 1.0 Units
Individualized instruction in computer typing. Instruction in basic to advanced skills development.

Day 20177 Lab By Arr 6.0 Hrs/Wk 803B VARDANEGA 08/17-10/14 OP FT1
CIS 71-FT1 (CRN 20177) is a Fast Track course that meets from Aug 17-Oct 14.

Day 20178 Lab By Arr 6.7 Hrs/Wk 803B VARDANEGA 10/17-12/09 OP FT2
CIS 71-FT2 (CRN 20178) is a Fast Track course that meets from Oct 17-Dec 9.

CIS 71 COMPUTER TYPING 1.0 Units
Individualized instruction in computer typing. Instruction in basic to advance skills development.

Eve 20179 Lab By Arr 3.6 Hrs/Wk 803B HART 08/30-12/20 OP LS2
CIS 71-LS2 (CRN 20179) is a Late Start course that meets from Aug 30-Dec 20.

CIS 72A DATA MANAGEMENT 1.0 Units
Individualized instruction on the theory and practice of alphabetic, numeric, geographic, and subject filing. Basic principles of filing and effective records management for both paper and electronic filing systems. Introduction to database functions, such as enter, editing, finding, and deleting records, creating queries, and printing report.

Day 20659 Lab By Arr 3.6 Hrs/Wk 803B VARDANEGA 08/29-12/20 OP LSI
CIS 72A-LS1 (CRN 20659) is a Late Start course that meets from Aug 29-Dec 20.

CIS 72A DATA MANAGEMENT 1.0 Units
Individualized instruction on the theory and practice of alphabetic, numeric, geographic, and subject filing. Basic principles of filing and effective records management for both paper and electronic filing systems. Introduction to database functions, such as enter, editing, finding, and deleting records, creating queries, and printing report.

Eve 20181 Lab By Arr 3.6 Hrs/Wk 803B HART 08/30-12/20 OP LS2
CIS 72A-LS2 (CRN 20181) is a Late Start course that meets from Aug 30-Dec 20.

CIS 72B SPRDSHT INTEGRATION W/WD PROC 1.0 Units
Basic usage of spreadsheet software in document reporting and presentation. Integration of spreadsheets with Word, PowerPoint, and Access. Strongly Recommended: CIS 50 and CIS 88A.

Day 20660 Lab By Arr 3.6 Hrs/Wk 803B VARDANEGA 08/29-12/20 OP LSI
CIS 72B-LS1 (CRN 20660) is a Late Start course that meets from Aug 29-Dec 20.

CIS 72B SPRDSHT INTEGRATION W/WD PROC 1.0 Units
Basic usage of spreadsheet software in document reporting and presentation. Integration of spreadsheets with Word, PowerPoint, and Access. Strongly Recommended: CIS 50 and CIS 88A.

Eve 20182 Lab By Arr 3.6 Hrs/Wk 803B HART 08/30-12/20 OP LS2
CIS 72B-LS2 (CRN 20182) is a Late Start course that meets from Aug 30-Dec 20.

CIS 73A TEN-KEY SKILL DEVELOPMENT 1.0 Units
Skill development on the computer numeric keypad and electronic calculator including use of memory functions, and data entry using spreadsheets.

Day 20183 Lab By Arr 6.0 Hrs/Wk 803B VARDANEGA 08/17-10/14 OP FT1
CIS 73A-FT1 (CRN 20183) is a Fast Track course that meets from Aug 17-Oct 14.

Day 20184 Lab By Arr 6.7 Hrs/Wk 803B VARDANEGA 10/17-12/09 OP FT2
CIS 73A-FT2 (CRN 20184) is a Fast Track course that meets from Oct 17-Dec 9.

CIS 73A TEN-KEY SKILL DEVELOPMENT 1.0 Units
Skill development on the computer numeric keypad and electronic calculator including use of memory functions, and data entry using spreadsheets.

Eve 20977 Lab By Arr 3.6 Hrs/Wk 803B HART 08/30-12/20 OP LSI
CIS 73A-LS1 (CRN 20977) is a Late Start course that meets from Aug 30-Dec 20.

CIS 75 OFFICE TECHNOLOGY/COMMUNICAT 1.0 Units
Overview of various technologies (such as bulletin boards, teleconferencing, shared resources, voice-messaging systems, and On-line Services) used for communicating internally and externally with microcomputers. Hands-on practice with electronic mail, the Internet, MS Outlook, and integrating the MS Office Suite to perform administrative tasks and functions for managing the office. Strongly recommended: Eligibility for ENG 1A and Computer Typing at 30 gwam.

Day 20315 By Arr 3.0 Hrs/Wk 803B VARDANEGA 08/17-10/14 OP FT1
Lab By Arr 1.0 Hrs/Wk 803B 08/17-10/14 OP

CIS 75-FT1 (CRN 20315) is a Fast Track course that meets from Aug 17 - Oct 14.

Day 20316 By Arr 3.3 Hrs/Wk 803B VARDANEGA 10/17-12/09 OP FT2
Lab By Arr 1.1 Hrs/Wk 803B 10/17-12/09 OP

CIS 75-FT2 (CRN 20316) is a Fast Track course that meets from Oct 17-Dec 9.

CIS 75 OFFICE TECHNOLOGY/COMMUNICAT 1.0 Units
Overview of various technologies (such as bulletin boards, teleconferencing, shared resources, voice-messaging systems, and Online Services) used for communicating internally and externally with microcomputers. Hands-on practice with electronic mail, the Internet, MS Outlook, and integrating the MS Office Suite to perform administrative tasks and functions for managing the office. Strongly recommended: Eligibility for ENG 1A and Computer Typing at 30 gwam.

Eve 20622 By Arr 1.8 Hrs/Wk 803B HART 08/30-12/20 OP LSI
Lab By Arr 1.0 Hrs/Wk 803B 08/30-12/20 OP

CIS 75-LS1 (CRN 20622) is a Late Start course that meets from Aug 30-Dec 20.

CIS 79 MEDICAL OFFICE PROCEDURE 3.0 Units

Medical office principles and procedures to include telecommunications, scheduling appointments, office equipment, medical documents and word processing, managing medical records, banking, payroll, expense reports, petty cash, billing, recordkeeping, postal services, health insurance, coding, and utilizing the Internet for online financial services and resources. The importance of medical ethics in application of professional office behavior. Overview of medical law and careers in medical office environment. Strongly recommended: CIS 8 and CIS 88A.

Web 21574 ONLINE STAFF 08/17-12/20 GR DEI
CIS 79-DEI (CRN 21574) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2013 software.

CIS 84 WINDOWS 1.0 Units

Individualized, hands-on class introducing Microsoft Windows operation. Participants will become familiar with the windows environment. Learn techniques to manage files and folders, use Microsoft Windows' accessories programs, such as WordPad, Calculator, and Paint, and share data between programs.

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| Day | 20978 | Tue | 12:30-1:20 | 803B | DORR | 10/17-12/09 | OP | FT2 |
| | Lab | Tue | 1:25-2:35 | 803B | | 10/17-12/09 | OP | |
| | Lab | Th | 12:30-2:15 | 803B | | 10/17-12/09 | OP | |

CIS 84-FT2 (CRN 20978) is a Fast Track course that meets from Oct 17-Dec 9.

CIS 88A INTRODUCTION TO MICROSOFT WORD 1.5 Units

Develop the skills needed in the workplace to produce common business documents. Topics include document creation and editing; use of Microsoft Word features to apply character and paragraph formatting; creating and formatting tables, enhancing visual appeal by incorporating graphics elements, and printing documents. Strongly recommended: CIS 71A.

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|-----|-------|-----|------------|------|------|-------------|----|-----|
| Day | 20233 | TTh | 12:30-1:20 | 803B | DORR | 08/17-10/14 | OP | FT1 |
| | Lab | TTh | 1:30-2:45 | 803B | | 08/17-10/14 | OP | |

CIS 88A-FT1 (CRN 20233) is a Fast Track course that meets from Aug 17-Oct 14.

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|-----|-------|-----|-----------|------|------|-------------|----|-----|
| Eve | 20235 | TTh | 6:30-7:20 | 803B | HART | 08/17-10/14 | OP | FT3 |
| | Lab | TTh | 7:30-8:50 | 803B | | 08/17-10/14 | OP | |

CIS 88A-FT3 (CRN 20235) is a Fast Track course that meets from Aug 17-Oct 14.

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| Web | 20602 | ONLINE | | | DORR | 08/17-10/14 | OP | DEI |
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CIS 88A-DEI (CRN 20602) is a Fast Track online course that meets from Aug 17-Oct 14. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2013 software.

CIS 88B ADV MICROSOFT WORD 1.5 Units

Advanced word processing techniques used to produce complex business documents. Includes topics such as integrating graphics and shapes into documents, formatting multiple page reports, creating tables of contents and indexes, inserting footnotes/endnotes and bibliographies, creating and using macros, and form templates, and integration with other programs such as Excel. Strongly recommended: CIS 88A.

| | | | | | | | | |
|-----|-------|-----|------------|------|------|-------------|----|-----|
| Day | 20330 | TTh | 12:30-1:25 | 803B | DORR | 10/17-12/09 | OP | FT2 |
| | Lab | TTh | 1:35-2:55 | 803B | | 10/17-12/09 | OP | |

CIS 88B-FT2 (CRN 20330) is a Fast Track course that meets from Oct 17-Dec 9.

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|-----|-------|-----|-----------|------|------|-------------|----|-----|
| Eve | 20234 | TTh | 6:30-7:25 | 803B | HART | 10/17-12/09 | OP | FT4 |
| | Lab | TTh | 7:35-8:55 | 803B | | 10/17-12/09 | OP | |

CIS 88B-FT4 (CRN 20234) is a Fast Track course that meets from Oct 17-Dec 9.

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|-----|-------|--------|--|--|------|-------------|----|-----|
| Web | 20603 | ONLINE | | | DORR | 10/17-12/09 | OP | DEI |
|-----|-------|--------|--|--|------|-------------|----|-----|

CIS 88B-DEI is a Fast Track online course that meets from Oct 17-Dec 9. For more information, see the section titled "Online Learning" in

this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2013 software.

CIS 89A DESKTOP PRESENTATION 1.0 Units

Desktop presentation design techniques and enhancements. Application using current desktop presentation software. Hands-on experience creating, saving printing slide shows.

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|-----|-------|-----|------------|------|------|-------------|----|-----|
| Day | 20313 | Tue | 12:30-1:20 | 803B | DORR | 08/17-10/14 | OP | FT1 |
| | Lab | Tue | 1:25-2:15 | 803B | | 08/17-10/14 | OP | |
| | Lab | Th | 12:30-2:00 | 803B | | 08/17-10/14 | OP | |

CIS 89A-FT1 (CRN 20313) is a Fast Track course that meets from Aug 17-Oct 14.

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|-----|-------|-----|------------|------|------|-------------|----|-----|
| Day | 20314 | Tue | 12:30-1:20 | 803B | DORR | 10/17-12/09 | OP | FT2 |
| | Lab | Tue | 1:25-2:15 | 803B | | 10/17-12/09 | OP | |
| | Lab | Th | 12:30-2:00 | 803B | | 10/17-12/09 | OP | |

CIS 89A-FT2 (CRN 20314) is a Fast Track course that meets from Oct 17-Dec 9.

| | | | | | | | | |
|-----|-------|-----|-----------|------|------|-------------|----|-----|
| Eve | 20312 | Tue | 6:30-7:20 | 803B | HART | 08/17-10/14 | OP | FT3 |
| | Lab | Tue | 8:00-8:50 | 803B | | 08/17-10/14 | OP | |
| | Lab | Th | 7:00-8:30 | 803B | | 08/17-10/14 | OP | |

CIS 89A-FT3 (CRN 20312) is a Fast Track course that meets from Aug 17-Oct 14.

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|-----|-------|--------|--|--|------|-------------|----|-----|
| Web | 20604 | ONLINE | | | HART | 10/17-12/09 | OP | DEI |
|-----|-------|--------|--|--|------|-------------|----|-----|

CIS 89A-DEI (CRN 20604) is a Fast Track online course that meets from Oct 17-Dec 9. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2013 software.

CIS 89B DESKTOP PUBLISHING 1.5 Units

Design professional and customized business cards, letterheads, envelopes, mailing labels, and brochures quickly and easily using Microsoft Publisher.

| | | | | | | | | |
|-----|-------|-----|------------|------|------|-------------|----|-----|
| Day | 20319 | TTh | 12:30-1:25 | 803B | DORR | 10/17-12/09 | OP | FT2 |
| | Lab | TTh | 1:35-2:55 | 803B | | 10/17-12/09 | OP | |

CIS 89B-FT2 (CRN 2) is a Fast Track course that meets from Oct 17-Dec 9.

| | | | | | | | | |
|-----|-------|-----|-----------|------|------|-------------|----|-----|
| Eve | 20320 | TTh | 6:30-7:25 | 803B | HART | 10/17-12/09 | OP | FT4 |
| | Lab | TTh | 7:35-8:55 | 803B | | 10/17-12/09 | OP | |

CIS 89B-FT4 (CRN 2) is a Fast Track course that meets from Oct 17-Dec 9.

CIS 9001 DATABASE MANAGEMENT SYSTEMS 2.0 Units

This course provides students with a vendor-neutral introduction to and an overview of database systems; including database design, conceptual, logical and physical data modeling, Entity Relationship models. This course includes sections on relational databases, Structured Query Language (SQL) and optimizing databases through normalization. You will apply your knowledge with hands-on labs designed to apply the intricacies of database design methodology.

| | | | | | | | | |
|-----|-------|--------|--|--|--------|-------------|----|-----|
| Web | 22440 | ONLINE | | | FIELDS | 08/17-12/20 | OP | DEI |
|-----|-------|--------|--|--|--------|-------------|----|-----|

CIS 9001-DEI (CRN 22440) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 9002 DATABASE DESIGN/SQL PROG 3.0 Units

In Database Design, students learn to analyze business scenarios and create data models, a conceptual representation of an organizations information. In Database Programming with SQL, students implement their database design by creating a physical database using Oracle Structured Query Language (SQL) to create, query, manipulate, and control access to the data in a relational database. The SQL commands, functions, and operators supported by Oracle as extensions to standard SQL are emphasized. Students learn to create and maintain database objects such as tables, indexes, views, constraints, and sequences. Prepare students for the Oracle Certified Professional (OCP) exam. Strongly recommended: CIS 57.

Web 21281 ONLINE FIELDS 08/17-12/20 OP DEI
CIS 9002-DE1 (CRN 21281) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 9003 ORACLE: DATABASE PROG PL/SQL 3.0 Units
 This course introduces students to Procedural Language/Structured Query Language (PL/SQL) through a project-based approach. Learn procedural logic constructs such as variables, constants, conditional statements and iterative controls; then execute, and manage PL\SQL stored program units such as procedures, functions, packages, and database triggers. Learn the basic functionality of how to debug functions and procedures using the SQL Developer Debugger. Manage PL/SQL subprograms, triggers, declaring identifiers and trapping exceptions. Strongly recommended: CIS 9002.

Web 21294 ONLINE FIELDS 08/17-12/20 OP DEI
CIS 9003-DE1 (CRN 21294) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 9101 INTERNET BUSINESS FUNDAMENTALS 1.5 Units
 Internet Business Fundamentals prepares students to work effectively in today's business environment using the Internet's wide array of useful resources. Learn about the tasks involved in various Web Technology job roles and the skills and technologies to perform them. Review Internet connection methods, protocols, the domain name system, and cloud computing. Study functions of Web browsers, the components of Web addresses, the use and control of cookies. Configure browser preferences, plug-ins. Study databases as they relate to Web search engines, and use search engines to conduct basic and advanced Web searches. Configure e-mail clients and use e-mail for communicating effectively over the Internet using modern Web technologies and social networking and collaboration tools. Learn about the risks associated with being connected to the Internet, and about the security measures that can keep your computer system and your personal information secure.

CIS 9101 is one of a series in the Certified Internet Web Professional (CIW: www.ciwcertified.com) program.

Web 21282 ONLINE STAFF 08/17-10/14 OP DEI
CIS 9101-DE1 (CRN 21282) is a Fast Track online course that meets from Aug 17-Oct 14. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 21283 ONLINE STAFF 10/17-12/09 OP DE2
CIS 9101-DE2 (CRN 21283) is a Fast Track online course that meets from Oct 17-Dec 9. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 9102 NETWORK TECHNOLOGY FOUNDATIONS 1.5 Units
 Network Technology Foundations is an accelerated networking course designed to teach essential networking concepts, skills, and practices. Identify various network components and protocols that enable users to share data. Explore different types of transmission media, and how network architecture and topologies provide for efficient and secure communication. Review the OSI reference model and its relationship to packet creation, and compare and contrast the OSI model with the Internet architecture model. Study the functions and features of internetworking server types, and the benefits of implementing a Content Management System (CMS). Learn about the importance of routing, and explore IP addressing, IP address classes and subnet masks. Review essential network security concepts, Internet-based challenges facing today's users, and methods you can use to secure networks and network

transmissions, including authentication, encryption and firewalls.

CIS 9102 is one of a series in the Certified Internet Web Professional (CIW: www.ciwcertified.com) program.

Web 21284 ONLINE STAFF 08/17-10/14 OP DE1
CIS 9102-DE1 (CRN 21284) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 21285 ONLINE STAFF 10/17-12/09 OP DE2
CIS 9102-DE2 (CRN 21285) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 9103 WEB SITE DEVELOPMENT FOUNDAT 2.0 Units
 Web Site Development Foundations teaches essential Web page development skills and how to work as a productive part of a Web site development team. Develop Web sites using HTML/XHTML; write source code manually and using graphical user interface (GUI) authoring tools. Insert images, hyperlinks, tables, forms, frames, using style sheets to format Web page content, and implement fundamental design concepts. Validate your XHTML code, recognizing the importance of Internet marketing and search engine optimization. Connect Web pages to databases, identify e-commerce solutions, and how link Web site development to business goals. Throughout the course, students will learn how sites are developed as managed projects.

CIS 9103 is one of a series in the Certified Internet Web Professional (CIW: www.ciwcertified.com) program.

Web 21352 ONLINE STAFF 08/17-12/20 OP DE1
CIS 9103-DE1 (CRN 21352) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 9104 WEB DESIGN SPECIALIST 3.0 Units
 Design and publish Websites using popular production tools such as Dreamweaver, Flash, Expressions, HTML/XHTML. General topics include Web Site Development Essentials (site development process, customer expectations, ethical and legal issues), Web Design Elements (aesthetics, user's experience, navigation, usability, accessibility), Basic Web Technologies (HTML/XHTML, image files, GUI site development applications, site publishing and maintenance) and Advanced Web Technologies (multimedia and plug-in technologies, client-side and server-side technologies, and Web databases). In this course, you will work with popular production tools such as Microsoft Expression, Adobe Dreamweaver and Flash. Study design and development technologies such as Cascading Style Sheets (CSS), Extensible Markup Language (XML), JavaScript, Java applets, Dynamic HTML, plug-ins, multimedia and databases. Learn how Web sites are developed as managed projects, relate Web site development to business goals, and apply guidelines for user accessibility to Web site development. Consider site design from several perspectives; design from the Web user's perspective so that you can identify with user interests and needs. You will also assume the roles of Web designer and project manager, as you work through the Web site development process by evolving a Web presence site into a working prototype Web project. Strongly recommended: CIS 59A.

CIS 9104 is one of a series in the Certified Internet Web Professional (CIW: www.ciwcertified.com) program.

Web 21288 ONLINE STAFF 08/17-12/20 OP DE1
CIS 9104-DE1 (CRN 21288) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CIS 9992 WEB: PHP PROGRAMMING, MYSQL 3.0 Units

This course showcases the popular and powerful PHP (Hypertext Preprocessor), an Open Source, server-side scripting language for adding dynamic content to a website. For web developers who need to add dynamic content to their web sites, including form processing, database-driven content, password protection, cookie processing. Students will create a PHP project that integrates database, password protection and cookie processing that can be applied to web applications such as shopping carts, auction sites, and portal web sites. Strongly recommended: CIS 59A.

Web 21668 ONLINE STAFF 08/17-12/20 OP DE1

CIS 9992-DE1 (CRN 21668) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

COMPUTER NETWORKING TECHNOLOGY

CNT 43 PROFESSIONAL COMMUNICATIONS 3.0 Units

This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes critical thinking, planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and technical report writing skills. Students who have completed or are enrolled in Business 43, Computer Information Systems 43, or Computer Science 43 may not receive credit.

Prerequisite: ENG 1A.

Web 20618 ONLINE/HYBRID AUSTIN 08/17-12/20 OP HD1

CNT 43-HD1 (CRN 20618) is a hybrid course. All class meetings will be online, except on the following dates when students will meet on campus from 10am-1pm in Room 2460: Aug. 20, Oct. 15, and either Dec. 3 OR Dec. 10. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CNT 50 INTRO TO DESKTOP OPERATING SYS 2.0 Units

By performing numerous hands-on labs, students in this class will gain an understanding of desktop operating systems using command line and GUI interfaces. Students will use virtualization software to install and configure operating systems and user applications on a class room computer. Students will also experiment with remote computing and storage. Current operating systems for portable devices will be demonstrated. The role of hardware, application software and the operating system and how they interact with each other will be explored. Students who have completed or are enrolled in Computer Information Systems 65 may not receive credit. Strongly Recommended: CIS 50

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|-----|-------|----|-----------|-----|-------|-------------|----|-----|
| Eve | 20440 | Th | 3:30-5:20 | 804 | STAFF | 08/17-12/20 | OP | 093 |
| Lab | | Th | 5:30-6:20 | 804 | | 08/17-12/20 | OP | |

CNT 51 COMPTIA'S A+ CERT. COMP.TECH 4.0 Units

This course provides an introduction to the computer hardware and software skills needed to help meet the industry demand for entry-level PC Technicians. This course covers PC hardware, software, security, networking, laptops, printers, operational procedures, operating systems, security, troubleshooting, and mobile devices. The students will study the topics needed to become certified PC technicians. Preparation for the CompTIA A+ certification, which verifies knowledge equivalent to that of an

entry-level ICT (Information and Communications Technology) technician with about 12 months of hands-on experience. The responsibilities of an ICT professional will be introduced. Strongly recommended: CNT 50.

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|-----|-------|----|-----------|-----|-------|-------------|----|-----|
| Eve | 23020 | Th | 7:00-9:50 | 804 | STAFF | 08/17-12/20 | OP | HY1 |
| | | | ONLINE | | | 08/17-12/20 | OP | |

CNT 51-HY1 (CRN 23020) is a hybrid course. Students will meet on campus Thursdays from 7:00-9:50p.m. in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CNT 52 NETWORKING FUNDAMENTALS 3.0 Units

This course provides an introduction to computer networking fundamentals skills needed to meet the industry demand for entry-level Network Technicians. Topics include: Ethernet network fundamentals, Local Area Networks (LANs), and Wide Area Networks (WAN) technologies, the Open Systems Interconnection (OSI) model, wiring implementations, network adapters and connectivity devices, IPv4/IPv6 addressing, Voice over IP (VoIP), and wireless standards. Tools to help prevent cyber attacks with IDS (Intrusion Detection Systems), authentication, and encryption are demonstrated. Student labs include: configuration of a SOHO (Small Office/Home Office), a firewall, a virtual private network (VPN), a switch, and a router and documenting a networking using professional drawing software. The responsibilities of an ICT (Information and Communications Technology) professional will CompTIA Network+ Certification Exam. This professional certification verifies the student has the knowledge equivalent to that of an ICT technician with about 12 months of hands-on experience. Strongly recommended: CIS 50.

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|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Eve | 20441 | Tue | 6:30-9:20 | 507 | STAFF | 08/17-12/20 | OP | 093 |
| Lab | | Tue | 9:30-10:20 | 804 | | 08/17-12/20 | OP | |

CNT 56 ADMIN.WINDOWS SERVER MCSA II 3.0 Units

This Administering Windows Server course covers the second of three exams required for Microsoft Certified Solutions Associate (MCSA) certification. The three MCSA exams collectively validate the skills and knowledge necessary for implementing, maintaining, and provisioning services in a Windows Server environment. This course prepares students to prove mastery of services such as user and group management, network access, and data security. In addition, this course also covers: Implementing a Group Policy Infrastructure, Managing User and Service Accounts, Maintaining Active Directory Domain Services, Configuring and Troubleshooting DNS, Remote Access, Network Policy Server Role, Optimizing File Services, Increasing File System Security, and Implementing Update Management. Strongly recommended: CNT 52.

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|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Eve | 23021 | Wed | 7:00-9:15 | 804 | STAFF | 08/17-12/20 | OP | HY1 |
| | | | ONLINE | | | 08/17-12/20 | OP | |

CNT 56-HY1 (CRN 23021) is a hybrid course. Students will meet on campus Wednesdays from 7:00-9:15pm in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CNT 62A CISCO NETWORKING ACADEMY I/2 4.0 Units

This course covers the first half of the CCNA Cisco Certified Network Associate Certification curriculum, and the objectives of the Cisco CCENT certification exam. CNT 62B covers the second half. CNT 62A will cover the fundamentals of networking, including the OSI model and industry standards, concepts, network topologies, cabling, network hardware, basic network design, LANs, and network configuration and troubleshooting. It includes router and routing concepts and terminology OSPF, RIP, EIGRP routing protocols, distance vector and link state

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

routing, routing loop issues, routing theory, TCP/IP basics, IP v4 and v6 addressing, VLSM, CIDR, subnetting, router IOS and configuration, switching concepts, CDP and CSMA-CD. Students will get hands-on experience configuring Cisco routers and switches. Students should have strong basic computer skills and knowledge of Internet use. Strongly Recommended: CIS 50.

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|-----|-------|-----|---------------|-----|-------|-------------|----|-----|
| Eve | 23022 | Wed | 6:00-8:50 | 805 | STAFF | 08/17-12/20 | OP | HYI |
| | | | ONLINE/HYBRID | | | 08/17-12/20 | OP | |

CNT 62A-HYI is a hybrid course. Students will meet on campus Wednesdays from 6:00-8:50pm in Room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CNT 68 INTRO TO COMPUTER FORENSICS 3.0 Units

A survey course in the detection, prevention and investigation of incidents involving computers and digital information, including cyber attacks and the use of computers to investigate crimes. The program will include introduction to computer forensics, incident response, methods of investigation, tracking persons and data, the secure analysis of hard drives and storage mediums, and IT security utilizing court-approved forensic software and tools. Strongly recommended: CIS 50.

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|-----|-------|-----|---------------|-----|-------|-------------|----|-----|
| Eve | 20727 | Tue | 6:30-8:50 | 804 | STAFF | 08/17-12/20 | OP | HYI |
| | | | ONLINE/HYBRID | | | 08/17-12/20 | OP | |

CNT 68-HYI (CRN 20727) is a hybrid course. Students will meet on campus Tuesdays from 6:30-8:50pm in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CNT 69 NETWORK SECURITY SEC+ 3.0 Units

This course follows the CompTIA Security+ certification objectives, and provides an introduction to the concepts and practices of secure network design and management using desktop and network operating systems, router and switch operating systems, hardware and software Firewall and VPN technology for wired and wireless systems. The program will include authentication methods and devices, protocol analysis and IP network troubleshooting, strategies for identifying and countering vulnerabilities, network medias and topologies in a secure network, intrusion detection and forensic incident response. Strongly Recommended: CNT 51B, CIS 50 and CNT 51A (all completed with a grade of "C" or higher).

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|-----|-------|----|---------------|-----|-------|-------------|----|-----|
| Eve | 22442 | Th | 7:00-9:15 | 805 | DAOUD | 08/17-12/20 | OP | HYI |
| | | | ONLINE/HYBRID | | | 08/17-12/20 | OP | |

CNT 69-HYI (CRN 22442) is a hybrid course. Students will meet on campus Thursdays from 7:00-9:15pm in Room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CNT 740I INTRO TO LINUX, UNIX, LINUX+ 4.0 Units

This course provides hands-on training covering basic installation, management, configuration, security, documentation and hardware topics for the Linux/UNIX operating system on workstations in a LAN environment. The objectives for basic technician certifications such as RHCT, CompTIA Linux+ are covered. Topics include desktop security objectives and major types of security vulnerabilities, physical security, file protection, basic system and network configuration, account security, logging, backups, Linux/UNIX desktop security features and useful utilities, detecting and preventing DOS attacks, hacking, authentication and data recovery. Strongly recommended CIS 50.

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|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Eve | 20896 | Mon | 6:30-9:20 | 804 | DAOUD | 08/17-12/20 | OP | HYI |
| | | | ONLINE | | | 08/17-12/20 | OP | |

CNT 740I-HYI (CRN 20896) is a hybrid course. Students will meet on campus Mondays from 6:30-9:20pm in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CNT 750I WHITEHAT HACKER TESTING 4.0 Units

WhiteHat and Pen testing training covers the concepts, use and appropriate application of Penetration Testing software and utilities in Ethernet networks. Students will explore the ethical use of security tools and countermeasures. Students are required to sign the "White Hat Oath" agreement of Ethical and Professional Conduct. The course will include: Hacking methods, tools, their use and detection; penetration testing and countermeasures; exploits, vulnerability assessment in computers and networks, hands-on practice in a sandbox environment. Tools used include Wireshark, Whitehat/Pentest tools for Windows, OSX, Linux. Strongly Recommended: One or more of CNT67, CNT69, CNT62A, CNT57, or CNT55 (completed with a grade of "C" or higher) or the equivalent industry experience.

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|-----|-------|-----|---------------|-----|-------|-------------|----|-----|
| Eve | 23023 | Mon | 3:30-6:15 | 805 | DAOUD | 08/17-12/20 | OP | HYI |
| | | | ONLINE/HYBRID | | | 08/17-12/20 | OP | |

CNT 750I-HYI (CRN 23023) is a hybrid course. Students will meet on campus Mondays from 3:30-6:15pm in Room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

COMPUTER SCIENCE

CS I COMPUTING FUNDAMENTALS I 4.0 Units

Introduction to programming and problem-solving using C++. Problem solving techniques and algorithms; program design, development, style, testing and debugging. C++ syntax covered includes: variables; data types; operators and expressions; control structures; library and user-defined functions; basic input/output; arrays; user-defined data structures. Strongly Recommended: MATH 107 (completed with a grade of "C" or higher).

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|-----|-------|--------|-------------|------|------------|-------------|----|-----|
| Day | 20559 | MW | 11:00-12:15 | 2416 | KOMANETSKY | 08/17-12/20 | OP | V01 |
| | | Lab MW | 12:30-1:45 | 2416 | | 08/17-12/20 | OP | |

CS1-V01 (CRN 20559) is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit www.laspositascollege.edu/honors for more information.

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|-----|-------|---------|-----------|------|--------|-------------|----|-----|
| Day | 22281 | TTh | 2:00-3:15 | 2416 | SCHATZ | 08/17-12/20 | OP | V02 |
| | | Lab TTh | 3:30-4:45 | 2416 | | 08/17-12/20 | OP | |

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|-----|-------|--------|------------|-----|--------|-------------|----|-----|
| Day | 22762 | MW | 8:00-9:15 | 714 | SCHATZ | 08/17-12/20 | OP | V03 |
| | | Lab MW | 9:30-10:45 | 714 | | 08/17-12/20 | OP | |

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|-----|-------|---------|-----------|------|-------|-------------|----|-----|
| Eve | 20560 | TTh | 6:00-7:15 | 2414 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab TTh | 7:30-8:45 | 2414 | | 08/17-12/20 | OP | |

CS 2 COMPUTING FUNDAMENTALS II 4.0 Units

Application of software engineering techniques to the design and development of large programs. Object-oriented programming methods and problem-solving strategies applied to intermediate-level problems using C++. Includes pointers and dynamic allocation; classes; encapsulation; inheritance and polymorphism; object and function overloading; recursive algorithms; data abstraction and structures. Strongly Recommended: CS I (completed with a grade of "C" or higher).

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|-----|-------|---------|-------------|-----|------------|-------------|----|-----|
| Day | 22443 | TTh | 11:30-12:45 | 714 | KOMANETSKY | 08/17-12/20 | OP | V01 |
| | | Lab TTh | 1:00-2:15 | 714 | | 08/17-12/20 | OP | |

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|-----|-------|---------|-----------|------|------|-------------|----|-----|
| Eve | 21575 | TTh | 6:00-7:20 | 2416 | TSAI | 08/17-12/20 | OP | 093 |
| | | Lab TTh | 7:30-8:50 | 2416 | | 08/17-12/20 | OP | |

CS 7 INTRO TO COMPUTER PROGRAMMING 3.0 Units

An introductory course in computer programming concepts and fundamental coding skills using object-oriented languages like Python. Material includes problem-solving techniques, design of algorithms, and common programming constructs such as variables, expressions, input/output, decision-making, loops and arrays.

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|-----|-------|-----|---------------|-----|------------|-------------|----|-----|
| Day | 22444 | Tue | 9:00-11:20 | 714 | KOMANETSKY | 08/29-12/20 | OP | LHI |
| | | | ONLINE/HYBRID | | | 08/29-12/20 | OP | |

CS 7-LHI (CRN 22444) is a Late Start hybrid course that meets from Aug 29-Dec 20. Students will meet on campus Tuesdays from 9:00-11:20am in Room 714. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CS 20 ADV PROG W/DATA STRUCTURES/C++ 4.0 Units

Design and implementation of complex programs in C++ using a variety of fundamental data structures and algorithms. Includes the design and implementation of abstract data types, linked lists, stacks, queues, binary trees, hash tables, induction, searching and sorting algorithms, graphs, and algorithm analysis. Strongly recommended: CS 2

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|-----|-------|--------|-------------|------|-----------|-------------|----|-----|
| Day | 23024 | MW | 11:00-12:15 | 714 | SCHATZ | 08/17-12/20 | OP | VO1 |
| | | Lab MW | 12:30-1:45 | 714 | | 08/17-12/20 | OP | |
| Eve | 21066 | MW | 6:30-7:45 | 2416 | MORTEZAIE | 08/17-12/20 | OP | 093 |
| | | Lab MW | 8:00-9:15 | 2416 | | 08/17-12/20 | OP | |

CS 21 ASSEMBLY LANGUAGE PROGRAMMING 4.0 Units

Basics of machine architecture, machine language, assembly language, operating system and higher level language interface. Data representation, instruction representation and execution, addressing techniques and use of macros. Space and time efficiency issues. Input/output including video modes. Procedures including parameter passing and linkage to higher level languages.

Prerequisite: CS 1 (completed with a grade of "C" or higher).

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|-----|-------|---------|-----------|-----|------------|-------------|----|-----|
| Day | 23025 | TTh | 3:30-4:45 | 714 | KOMANETSKY | 08/17-12/20 | OP | VO1 |
| | | Lab TTh | 5:00-6:15 | 714 | | 08/17-12/20 | OP | |

CS 31 JAVA PROGRAMMING 4.0 Units

Applications programming using Java for students already familiar with the concepts of programming. Topics will include in Applets GUI programming and design using Swing, presenting data files over the web, elementary data structures (queues, linked list, stacks) and vectors, searching (linear, binary), sorting algorithms, Database programming using JDBC (Java Data Base Connectivity), Remote Method Invocation (RMI), and Java Beans. The student shall also be exposed to and experience developing Java applications and applets in the Linux/Unix environment(s). Strongly Recommended: CS 1 and CS 7 (completed with a grade of "C" or higher).

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|-----|-------|-----|---------------|------|-----------|-------------|----|-----|
| Eve | 21353 | Wed | 6:30-9:20 | 1859 | PENTCHEVA | 08/17-12/20 | OP | HY1 |
| | | | ONLINE/HYBRID | | | 08/17-12/20 | OP | |

CS 31-HY1 (CRN 21353) is a hybrid course. Students will meet on campus Wednesdays from 6:30-9:20pm in Room 1859. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CS 41 INTRO TO LINUX/UNIX, LINUX+ 4.0 Units

This course provides hands-on training covering basic installation, management, configuration, security, documentation and hardware topics for the Linux/UNIX operating system on workstations in a LAN environment. The objectives for basic technician certifications such as RHCT, CompTIA Linux+ are covered. Topics include desktop security objectives and major types of security vulnerabilities, physical security, file protection, basic system and network configuration, account security, logging, backups, Linux/UNIX desktop security features and useful utilities, detecting and preventing DOS attacks, hacking, authentication and data recovery. Strongly recommended: CIS 50.

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|-----|-------|-----|---------------|-----|------|-------------|----|-----|
| Eve | 23026 | Mon | 6:30-9:20 | 804 | DAUD | 08/17-12/20 | OP | HY1 |
| | | | ONLINE/HYBRID | | | 08/17-12/20 | OP | |

CS 41-HY1 (CRN 23026) is a hybrid course. Students will meet on campus Mondays from 6:30-9:20pm in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CS 43 PROFESSIONAL COMMUNICATIONS 3.0 Units

This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes critical thinking, planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and technical report writing skills. Students who have completed or are enrolled in Business 43, Computer Networking Technology 43, or Computer Information Systems 43 may not receive credit.

Prerequisite: ENG 1A.

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|-----|-------|--|---------------|--|--------|-------------|----|-----|
| Web | 20619 | | ONLINE/HYBRID | | AUSTIN | 08/17-12/20 | OP | HDI |
|-----|-------|--|---------------|--|--------|-------------|----|-----|

CS 43-HDI (CRN 20619) is a hybrid course. All class meetings will be online except on the following dates when students will meet on campus from 10a.m.-1p.m. in Room TBA: Aug. 20, Oct. 15, and either Dec. 3 OR Dec. 10. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

CS 46 GAME PROGRAMMING: 2D AND 3D 3.0 Units

Want to Play? You have played plenty of games. Now it is time to create your own! Design, develop and test small 2D and 3D computer games using game development software tools such as Scratch, Alice, or similar programming development programs. This first programming course will provide the student with an understanding of the principles of game design, genre-specific design issues, storytelling, image manipulation, and development teams. Programming experience is not required to get started. Although this course has a programming focus, other topics briefly covered will include the history of computer/video game technology, game genres and design principles, and the social impact of games.

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|-----|-------|----|---------------|-----|-------|-------------|----|-----|
| Web | 22354 | Th | 9:30-11:20 | 714 | STAFF | 08/17-12/20 | OP | HY1 |
| | | | ONLINE/HYBRID | | | 08/17-12/20 | OP | |

CS 46-HY1 (CRN 22354) is a hybrid course. Students will meet on campus Thursdays from 9:30-11:20am in Room 714. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.



DANCE

DANC I DANCE TECHNIQUE 0.5 Units

Movement skills, rhythmic structure of dance, qualities of movement, special design and appreciation of dance. Afro-American dance, ballet, disco/ballroom dance, folk dance, jazz dance, modern dance, square dance, and tap dance.

Day 23222 Lab TTh 2:00-2:50 4127 STAFF 08/17-12/20 OP V01

DANC 2A JAZZ DANCE BEGINNING 1.0 Units

Practice in basic jazz dance techniques and routines.

Day 22131 TTh 12:30-1:45 PE143 STAFF 08/17-12/20 OP V01

DANC 2B JAZZ DANCE INTERMEDIATE 1.0 Units

Practice in intermediate jazz dance techniques and routines. It will introduce Broadway style jazz dance and emphasize a student's performance potential.

Day 22743 TTh 12:30-1:45 PE143 STAFF 08/17-12/20 OP V01

EARLY CHILDHOOD DEVELOPMENT

ECD 50 ECD PRINCIPLES AND PRACTICES 3.0 Units

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 of all young 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.

Day 21533 TTh 12:30-1:45 2306 TAYLOR 08/17-12/20 GR V01

Eve 20333 Wed 6:30-9:20 2460 NATTRASS 08/17-12/20 GR 093

Web 22036 ONLINE TAYLOR 08/17-12/20 GR DE1

ECD 50-DE1 (CRN 20333) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

ECD 54 CHILD HEALTH/SAFETY/NUTRITION 3.0 Units

Aspects of nutrition, health and safety that promote and maintain the health and wellbeing of all children and adults who work with young children. Topics include health and nutritional guidelines, maintaining safe and healthy learning environments, state regulations, policies and procedures, common childhood illnesses, infectious diseases, school-family collaboration and emergency preparedness, first aid and injury prevention.

Eve 22953 Wed 6:30-9:20 2490 COSTELLO-CH 08/17-12/20 OP 093

ECD 56 CHILD GROWTH AND DEVELOPMENT 3.0 Units

A study of the major physical, psychosocial, and cognitive/language development 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.

Day 21263 MW 8:00-9:15 2203 KWONG 08/17-12/20 GR V01

Eve 21264 Tue 6:30-9:20 2306 GUTHRIE 08/17-12/20 GR 094

Sat 22954 Sat 8:45-12:30 2306 DEL AGUILA 08/17-12/20 OP WLC

Esta clase es bilingue. Para registrarse comuníquese con Ana Del Aguila 925-424-1187. This class is taught bilingually (English-Spanish). To register for this section contact Ana Del Aguila 925-424-1187. ECD 56-WLC will meet on the following Saturdays: Aug. 22, Aug. 29, Sept. 12, Sept. 19, Oct. 3, Oct. 10, Oct. 24, Oct. 31, Nov. 14, Nov. 21 and Dec. 5.

ECD 62 CHILD, FAMILY AND COMMUNITY 3.0 Units

Patterns of family living in contemporary society, including the varying roles and interactions of family members; demographic, socio-cultural, racial, economic and historical and developmental factors affecting children, families and relationship of the family to early care and education and to community resources. The processes of socialization and identity development will be highlighted.

Day 20471 Tue 9:30-12:20 2306 TAYLOR 08/17-12/20 GR V01

Eve 20230 Th 6:30-9:20 2306 PETERSON 08/17-12/20 GR 093

ECD 63 EARLY CHILDHOOD CURRICULUM 4.0 Units

Professional application of the principles of human growth and development in: the study of play based inclusive curriculum, the physical environment and learning experiences including program content, the use of materials, the facilitation and guidance of all children's experiences based on developmentally appropriate principles, the methods used to meet all children's physical, social, emotional, cognitive, and creative needs including infant and toddler within cultural context.

Prerequisite: ECD 50 and ECD 56 (both completed with a grade of "C" or higher)

Students must have a TB test completed and show proof of MMR and dTAP vaccine for the first day of class.

Day 21261 Wed 9:30-12:20 2306 ROSEN-SIMON 08/17-12/20 GR V01

Lab Mon 9:30-12:20 2306 08/17-12/20 GR

Eve 20472 Wed 6:30-9:20 2306 ROSEN-SIMON 08/17-12/20 GR 093

Lab Mon 6:30-9:20 2306 08/17-12/20 GR

ECD 78 LANGUAGE DEVELOPMENT 3.0 Units

Language acquisition theories and emergent literacy in monolingual and young English language learners. Includes stages of receptive and expressive language, print awareness phonemic awareness and early reading and writing development: family patterns, cultural values, and environmental circumstances that affect language development and communication styles; assessment and early identification of linguistic delays.

Prerequisite: ECD 56 (completed with a grade of "C" or higher.)

Eve 22956 Tue 6:30-9:20 1872 CANFIELD 08/17-12/20 OP 093

ECD 79 TEACHING IN A DIVERSE SOCIETY 3.0 Units

Critical examination of societal and personal attitudes and beliefs, values, assumptions and biases about culture, race, language, identity, family structures, ability, socio-economic status and other issues influenced by systemic oppression. Recognize and confront barriers that interfere with ones ability to work effectively with diverse populations of children and families. Enhance teacher's skills for educating children in a pluralistic society.

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|-----|-------|----|------------|------|--------|-------------|----|-----|
| Day | 21262 | Th | 9:30-12:20 | 2306 | TAYLOR | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|------|--------|-------------|----|-----|

ECD 83 ADULT MENTORING & SUPERVISION 2.0 Units

Methods and principles of mentoring and supervising adults in Early Care and Education settings. Emphasis on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, families and other staff.

Prerequisite: ECD 62 and ECD 63 (both completed with a grade of "C" or higher).

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|-----|-------|---------------|----------|-------------|----|-----|
| Web | 22957 | ONLINE/HYBRID | VIRGILIO | 08/17-11/12 | OP | HDI |
|-----|-------|---------------|----------|-------------|----|-----|

ECD 83-HDI (CRN 22957) is a hybrid course. All class meetings will be online except on the following dates: Sept. 1, Sept. 29, and Nov. 10 when students will meet on campus Thursdays from 7:30-9:20pm in room 2460. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>.

ECD 90 PRACTICUM/SUPERVISE EXPERIENCE 4.0 Units

Practicum experience working with young children under the supervision of an ECE/CD faculty; Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build comprehensive understanding of children and families. Child centered, play oriented approaches to teaching, learning and assessment and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children.

Prerequisite: ECD 50, ECD 56, ECD 62, and ECD 63 (all completed with a grade of "C" or higher),

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|-----|-------|--------|------------|------|------|-------------|----|-----|
| Eve | 21354 | Tue | 6:30-8:20 | 2302 | RENO | 08/17-12/20 | GR | 093 |
| | Lab | By Arr | 6.0 Hrs/Wk | tba | | 08/17-12/20 | GR | |

Students must have a TB test completed and show proof of MMR and dTAP vaccine for the first day of class. There is a 6.0 hour lab to be arranged weekly. Students placed at the Las Positas Child Development Center will complete their lab hours on Tuesday and Thursday mornings, from 9:00am-12:00pm.

ECD 95 WORK EXPERIENCE 1.0 Units

Cooperative effort between student, supervisor and instructor to accomplish professional work objectives and broaden experiences. On-the-job work experience to build early childhood competencies. *Corequisite: ECD 96.*

THIS CLASS IS FOR EARLY CHILDHOOD DEVELOPMENT MAJORS. STUDENTS MUST BE REGISTERED FOR A MINIMUM OF SEVEN COLLEGE UNITS DURING FALL SEMESTER.

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|-----|-------|--------|-------------|-----|-------|-------------|----|-----|
| Day | 20186 | By Arr | 15.0 Hrs/Wk | tba | KWONG | 08/17-12/20 | GR | V01 |
|-----|-------|--------|-------------|-----|-------|-------------|----|-----|

Students must have a TB test completed and show proof of MMR and dTAP vaccine for the first day of class. The student has an option to take the course for 5, 10, or 15 hours per week. Students must meet in person at the first class meeting of ECD 96, Monday, August 22, in 2480 from 7:00-8:50pm.

ECD 96 WORK EXPERIENCE SEMINAR 1.0 Units

Discussion and analysis of problems often encountered by employees at the workplace. Application of National Association for the Education of Young Children (NAEYC) Code of Ethical Conduct to difficult situations that occur at the job site. Develop and complete measurable developmentally appropriate goals in early care and education settings.

Corequisite: ECD 95.

THIS CLASS IS FOR EARLY CHILDHOOD DEVELOPMENT MAJORS. STUDENTS MUST BE REGISTERED FOR A MINIMUM OF SEVEN COLLEGE UNITS DURING FALL SEMESTER.

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|-----|-------|---------------|-------|-------------|----|-----|
| Web | 20185 | ONLINE/HYBRID | KWONG | 08/17-12/20 | GR | HY1 |
|-----|-------|---------------|-------|-------------|----|-----|

ECD 96-HY1 (CRN 20185) is a hybrid course. All class meetings will be online except on the following dates when students will meet on campus Mondays from 7:00-8:50pm in Room 2480: Aug. 22, Oct. 17, and Dec. 19. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.



ECONOMICS

ECON I PRINCIPLES OF MICROECONOMICS 3.0 Units

Economic analysis of market systems, price theory, including supply and demand analysis, marginal utility, elasticity, cost and revenue concepts, perfect and imperfect competition, international trade theory, pricing of the factors of production, poverty and income inequalities. Strongly recommended: ENG 1A eligibility.

Prerequisite: MATH 54 or 55 or 55B or 55L or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

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|-----|-------|----|------------|------|---------|-------------|----|-----|
| Day | 20791 | MW | 12:30-1:45 | 2204 | WEBSTER | 08/17-12/20 | OP | V01 |
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ECON I-V01 (CRN 20791) internet access required.

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|-----|-------|-----|-----------|-----|----------|-------------|----|-----|
| Day | 20215 | TTh | 8:00-9:15 | 105 | SHUMAKER | 08/17-12/20 | OP | V02 |
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|-----|-------|-----|-------------|-----|---------|-------------|----|-----|
| Day | 20224 | TTh | 11:00-12:15 | 105 | WEBSTER | 08/17-12/20 | OP | V03 |
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ECON I-V03 (CRN 20224) internet access required.

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|-----|-------|-----|-----------|------|---------|-------------|----|-----|
| Eve | 22779 | Wed | 7:00-9:50 | 2450 | SHAHAZI | 08/17-12/20 | OP | 094 |
|-----|-------|-----|-----------|------|---------|-------------|----|-----|

Web 20648 ONLINE WEBSTER 08/17-12/20 OP DE1
ECON 1-DE1 (CRN 20648) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 21258 ONLINE WEBSTER 08/17-12/20 OP DE2
ECON 1-DE2 (CRN 21258) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

ECON 2 PRINCIPLES OF MACROECONOMICS 3.0 Units
 Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade. Strongly recommended: ENG 1A.
Prerequisite: MATH 54 or 55 or 55B or 55L or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

Day 20324 MW 11:00-12:15 2470 WEBSTER 08/17-12/20 OP V01
ECON 2-V01 (CRN 20324) internet access required.

Day 20019 TTh 9:30-10:45 105 SHUMAKER 08/17-12/20 OP V02

Eve 22649 Tue 7:00-9:50 2450 RASMUS 08/17-12/20 OP 093

Web 20649 ONLINE WEBSTER 08/17-12/20 OP DE1
ECON 2-DE1 (CRN 20649) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 20390 ONLINE WEBSTER 08/17-12/20 OP DE2
ECON 2-DE2 (CRN 20390) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

ECON 10 GENERAL ECONOMICS 3.0 Units
 Survey of the economic system of the United States, covering such macroeconomic and microeconomic topics as supply and demand, firms' output and pricing decisions, international trade, comparative economic systems, economic growth, business cycles, fiscal and monetary policy, labor, and money banking.

Eve 22650 Mon 7:00-9:50 2480 RASMUS 08/17-12/20 OP 093

EMERGENCY MEDICAL SERVICES

EMS 10 PARAMEDIC THEORY I 6.0 Units
 General paramedic didactic education and training following the current Department of Transportation National Emergency Services Education Standards (NEMSES) and California Code of Regulations, Title 22. Includes cognitive content associated with: preparatory, anatomy and physiology, pharmacology, airway management, patient assessment, and trauma patient management.

Prerequisites: EMS 81 or EMS 20 or current certification as an EMT with the State of California; EMS 62; and BIO 50. Corequisite: EMS 12.

Day 22995 TTh 8:00-10:50 2201 STAFF 08/17-12/20 OP V01

EMS 10-V01 (CRN 22995) is part of the EMT-Paramedics program. To enroll in this course, students must meet all prerequisites. Students may petition prerequisites if they have taken equivalent coursework at another institution. Petitions should be submitted with supporting documentation including transcripts to the Dean of Academic Services. To enroll in this course, students must also be currently certified as an EMT with the State of California (EMT registration with NREMT does not substitute for certification as an EMT with the State of California); possess a current AHA BCLS CPR for the Professional Rescuer or equivalent; meet all immunization requirements; be 18 years of age or older; and be able to successfully pass a criminal history background investigation and drug screening administered by Verified Credentials at www.verifiedcredentials.com. For information about the program and to apply for enrollment visit: www.laspositascollege.edu/EMT.

EMS 12 PARAMEDIC LABORATORY I 4.0 Units
 Provides the skills portion of the current Department of Transportation National Emergency Services Education Standards (NEMSES) and California Code of Regulations, Title 22. Includes psychomotor skills associated with: preparatory, anatomy and physiology, pharmacology, airway management, patient assessment, and trauma patient management.

Prerequisites: EMS 81 or EMS 20 or current certification as an EMT with the State of California; EMS 62; and BIO 50. Corequisite: EMS 10.

Day 22997 Lab TTh 12:30-3:20 2201 STAFF 08/17-12/20 OP V01

Lab Fri 8:00-1:50 2201 08/17-12/20 OP

EMS 12-V01 (CRN 22997) is part of the EMT-Paramedics program. To enroll in this course, students must meet all prerequisites. Students may petition prerequisites if they have taken equivalent coursework at another institution. Petitions should be submitted with supporting documentation including transcripts to the Dean of Academic Services. To enroll in this course, students must also be currently certified as an EMT with the State of California (EMT registration with NREMT does not substitute for certification as an EMT with the State of California); possess a current AHA BCLS CPR for the Professional Rescuer or equivalent; meet all immunization requirements; be 18 years of age or older; and be able to successfully pass a criminal history background investigation and drug screening administered by Verified Credentials at www.verifiedcredentials.com. For information about the program and to apply for enrollment visit: www.laspositascollege.edu/EMT.

EMS 20 EMERGENCY MEDICAL TECHNICIAN 6.5 Units
 Provides training in the foundation skills and knowledge required of the EMT scope of practice. The EMT certification is the minimum requirement for ambulance attendants and most entry-level firefighter positions. EMT certification is also required for entry into paramedic training. This training program is accredited by the Alameda County Emergency Medical Services District.

Prerequisite: EMS 61 or EMS 30 (completed with a grade of "B" or higher) or current Emergency Medical Responder certification and Basic Life Support CPR.



| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-------|------|------------|------|------------|-------------|-------|-----|
| Eve | 23207 | Tue | 5:00-8:50 | 2201 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | Sat | 9:00-9:50 | 2201 | | 08/17-12/20 | OP | |
| | Lab | Sat | 10:00-2:20 | 2201 | | 08/17-12/20 | OP | |

Students enrolled in EMS 20-093 (CRN 23207) must be present for the first class meeting. All enrolled students must be at least 18 years of age to take this class. For this class you will need records of immunizations or positive titers for Rubella, Rubeola (measles), Mumps, Varicella (chicken pox-vaccine must be given in two doses four weeks apart if student has no record of immunity), Hepatitis B series of vaccinations injections) a Tetanus Booster within the past ten years, a Tetanus diphtheria and pertussis (Tdap) vaccine. This should be recorded on the Health Science Student Immunizations Form available at the Las Positas Health Center website (<http://www.laspositascollege.edu/healthcenter/documents/Immunization2007.pdf>) and at the Student Health Center. Prospective students who do not bring proof of required immunizations by the second week of class will be dropped by the Instructor. Student must also present a current AHA BCLS CPR for the Professional Rescuer or equivalent, and proof of certification at the Emergency Medical Responder (EMR) level or equivalent and/ or proof of successful completion of EMS 61 with a grade of "B" or better. Prospective students that possess Emergency Medical Responder Certification and AHA BCLS CPR for the Professional Rescuer or equivalent but did not complete EMS 61 must submit a petition to the Dean of Academic Services to waive the pre-requisite. Students enrolled in EMS 20 must also submit to a Background Investigation through Certified Backgrounds. The website is: <http://www.certifiedbackground.com>. The cost is \$20.00 and must be completed as a requirement from the hospitals that the college uses for the clinical observation portion of the class. Students who fail the background check will not be able to complete the hospital educational component and shall not receive certification as an EMT from the Local EMS Agency. During the course students may be required to purchase personal protective equipment such as a respiratory protection mask for use during clinical observations. Details will be provided during the first week of class. Please send all information to Las Positas College, ATTENTION: EMS DEPARTMENT/STEMPS DIVISION.

EMS 30 EMERGENCY MEDICAL SERVICES 3.0 Units

Development of knowledge and skills necessary for recognizing and caring for emergency situations, including cardiopulmonary resuscitation, prevention of disease transmission, and automated external defibrillation. Designed for first responders in an emergency. Successful completion of the knowledge, skills tests and with a successful completion of the course at 80% accumulative points and the summative final at (80%) qualifies for an American Safety and Health Institute (ASHI) "First Responder" Certificate and an American Heart Association "Basic Life Support Health Care Provider" Certificate. 2 hours lecture, 3 hours laboratory.

Students will be assessed a \$7 fee at registration for the American Heart Association completion card; and the American Academy of Orthopedic Surgeons (AAOS) Emergency Medical Responder completion card.

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|-----|-------|-----|-------------|------|-------|-------------|----|-----|
| Day | 23204 | Mon | 8:00-9:50 | 2201 | STAFF | 08/17-12/20 | OP | V01 |
| | Lab | Wed | 8:00-10:50 | 2201 | | 08/17-12/20 | OP | |
| Day | 23205 | Wed | 11:00-12:50 | 2201 | STAFF | 08/17-12/20 | OP | V02 |
| | Lab | Wed | 11:00-1:50 | 2201 | | 08/17-12/20 | OP | |
| Eve | 23206 | Th | 5:30-7:20 | 2201 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | Th | 7:30-10:20 | 2201 | | 08/17-12/20 | OP | |

REMINDER: All registration notices, Financial Aid and general College information will be sent to your "ZONEmail Account". Check it regularly!!

EMS 62 BASIC MEDICAL TERMINOLOGY 3.0 Units

A basic course in medical terminology designed for students in studying for Allied Health careers such as Surgical Technologist, Paramedic, Pre-nursing, and Radiology Technician. Medical vocabulary with concentration on prefixes, suffixes, and root words. Emphasis on word dissection, definitions as applied to the body systems including the terminology used in surgical procedures. Concepts focus on comprehensive terminology, pronunciation and spelling core. Students who are currently enrolled in or have completed Health 52 or Health Science 52 may not receive credit.

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|-----|-------|-----|-------------|------|-------|-------------|----|-----|
| Eve | 21189 | TTh | 11:00-12:15 | 2201 | STAFF | 08/17-12/20 | GR | 093 |
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ENGINEERING

ENGR 10 INTRODUCTION TO ENGINEERING 2.0 Units

Introduction to careers, activities, and topics related to the field of engineering, including computer applications design and problem solving. Strongly Recommended: Eligibility for ENG 1A.

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|-----|-------|-----|-------------|------|-------|-------------|----|-----|
| Day | 20260 | Tue | 11:00-12:50 | 1873 | LEVEL | 08/17-12/20 | OP | V01 |
| Day | 22328 | Mon | 1:00-2:50 | 1859 | LEVEL | 08/17-12/20 | OP | VTI |

ENGR 10-VTI (CRN 22328) is specifically for students enrolled in the A.S. Degree in Engineering Technology. This course must be taken with WLDT 79-V01 (CRN 23167) which meets Tuesdays, 1:00-3:45pm.

| | | | | | | | | |
|-----|-------|----|-----------|------|--------|-------------|----|-----|
| Eve | 20396 | Th | 4:30-6:20 | 1873 | DECKER | 08/17-12/20 | OP | 093 |
|-----|-------|----|-----------|------|--------|-------------|----|-----|

ENGR 22 ENGINEERING DESIGN GRAPHICS 3.0 Units

Introduction to the engineering-design process, and to technical-graphic communications tools used by engineers. Conceptual design of products. Development of spatial reasoning skills. Orthographic and axonometric projection-drawing techniques. Tolerance analysis for fabrication. Documentation of designs through engineering working-drawings. Use of AutoCAD Computer-Assisted Drawing Software as a design tool. Basic CAD 3-dimensional solid-modeling. Strongly recommended: MATH 37 and ENG 1A or 102.

| | | | | | | | | |
|-----|-------|-----|-----------|------|-------------|-------------|----|-----|
| Day | 20644 | Tue | 1:00-2:50 | 1859 | SLUTZ BARAN | 08/17-12/20 | GR | V01 |
| | Lab | Th | 1:00-3:50 | 1859 | | 08/17-12/20 | GR | |

ENGR 25 COMP METHODS ENGINEER/ SCIENCE 3.0 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB and EXCEL. Technical computing and visualization for mechanics, electrical circuits, biology, thermal systems, fluid systems and other branches of science and engineering. May not receive credit if MATH 25 or PHYS 25 has been completed. Strongly recommended: CIS 8 or CS 8.

Prerequisite: MATH 1.

| | | | | | | | | |
|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 21289 | Tue | 9:00-10:50 | 1859 | LEVEL | 08/17-12/20 | GR | V01 |
| | Lab | Th | 8:00-10:50 | 1859 | | 08/17-12/20 | GR | |

ENGR 35 STATICS 3.0 Units

Force systems under equilibrium conditions; rigid body structures; vector; graphical and algebraic solutions of problems. Principles of virtual work. Strongly recommended: ENGR 22.

Prerequisites: PHYS 8A and MATH 2 (both completed with a grade of "C" or higher).

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Day | 20279 | Tue | 2:30-4:20 | 1873 | LEVEL | 08/17-12/20 | GR | V01 |
| | Lab | Th | 1:30-4:20 | 1822 | | 08/17-12/20 | GR | |

ENGLISH

ENG 1A CRITICAL READING AND COMP 3.0 Units

Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Examination of ideas in relation to individual's world view and contexts from which these ideas arise. Some research required. Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose.

Prerequisite: ENG 104 or 105 with a "pass", ESL 25 with a "C" or better; equivalent course or appropriate skill level demonstrated through the English assessment process also acceptable.

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|-----|-------|-----|-------------|-------------|-------------|-------------|----|-----|--|--|--|--|--|--|--|--|--|
| Day | 20343 | MW | 8:00-9:15 | 2460 | ROE | 08/17-12/20 | GR | V01 | | | | | | | | | |
| | | Lab | Wed | 9:25-10:15 | 2412 | | GR | | | | | | | | | | |
| Day | 23048 | Mon | 8:00-8:50 | 401A | STAFF | 08/17-12/20 | OP | V02 | | | | | | | | | |
| | | Mon | 9:00-9:50 | 402 | | 08/17-12/20 | OP | | | | | | | | | | |
| | | Wed | 8:00-9:50 | 402 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 23049 | Mon | 8:00-9:50 | 401B | ELLINGSWOR | 08/17-12/20 | OP | V03 | | | | | | | | | |
| | | Lab | Wed | 8:00-8:50 | 401B | | OP | | | | | | | | | | |
| | | Wed | 9:00-9:50 | 401B | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 20342 | MW | 9:30-10:45 | 505 | BUMMER | 08/17-12/20 | GR | V04 | | | | | | | | | |
| | | Lab | Mon | 11:00-11:50 | 502 | | GR | | | | | | | | | | |
| Day | 21416 | MW | 9:30-10:45 | 2490 | DURAN | 08/17-12/20 | GR | V05 | | | | | | | | | |
| | | Lab | Wed | 11:00-11:50 | 502 | | GR | | | | | | | | | | |
| Day | 20344 | MW | 11:00-12:15 | 2480 | COLE | 08/17-12/20 | GR | V06 | | | | | | | | | |
| | | Lab | Wed | 12:30-1:20 | 2412 | | GR | | | | | | | | | | |
| Day | 22507 | MW | 11:00-12:15 | 1602 | STAFF | 08/17-12/20 | OP | V07 | | | | | | | | | |
| | | Lab | Mon | 12:30-1:20 | 2412 | | OP | | | | | | | | | | |
| Day | 23050 | Mon | 12:00-1:50 | 401A | STAFF | 08/17-12/20 | OP | V08 | | | | | | | | | |
| | | Wed | 1:00-1:50 | 401A | | 08/17-12/20 | OP | | | | | | | | | | |
| | | Lab | Wed | 12:00-12:50 | 401A | | OP | | | | | | | | | | |
| Day | 21715 | MW | 1:00-2:15 | 403 | SWANSON-GAR | 08/17-12/20 | GR | V09 | | | | | | | | | |
| | | Lab | Mon | 2:25-3:15 | 2412 | | GR | | | | | | | | | | |
| Day | 20345 | MW | 2:00-3:15 | 4130 | STAFF | 08/17-12/20 | GR | V10 | | | | | | | | | |
| | | Lab | Wed | 3:25-4:15 | 2412 | | GR | | | | | | | | | | |
| Day | 20340 | MW | 2:00-3:15 | 505 | DURAN | 08/17-12/20 | GR | V11 | | | | | | | | | |
| | | Lab | Mon | 3:25-4:15 | 2412 | | GR | | | | | | | | | | |
| Day | 20339 | MW | 2:30-3:45 | 103 | STAFF | 08/17-12/20 | GR | V12 | | | | | | | | | |
| | | Mon | 3:55-4:45 | 804 | | 08/17-12/20 | GR | | | | | | | | | | |
| Day | 20751 | MW | 3:30-4:45 | 507 | STAFF | 08/17-12/20 | GR | V13 | | | | | | | | | |
| | | Lab | Mon | 4:55-5:45 | 2412 | | GR | | | | | | | | | | |
| Day | 20347 | TTh | 8:00-9:15 | 505 | MCMICHAEL | 08/17-12/20 | GR | V14 | | | | | | | | | |
| | | Lab | Tue | 9:25-10:15 | 2412 | | GR | | | | | | | | | | |
| Day | 23051 | Tue | 8:00-9:50 | 401A | ELLINGSWORT | 08/17-12/20 | OP | V15 | | | | | | | | | |
| | | Lab | Th | 8:00-8:50 | 401A | | OP | | | | | | | | | | |
| | | Th | 9:00-9:50 | 401A | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 20550 | TTh | 8:00-9:15 | 2470 | STAFF | 08/17-12/20 | GR | V16 | | | | | | | | | |
| | | Lab | Th | 9:25-10:15 | 2412 | | GR | | | | | | | | | | |
| Day | 20438 | TTh | 9:30-10:45 | 2470 | SPIRN | 08/17-12/20 | GR | V17 | | | | | | | | | |
| | | Lab | Th | 10:55-11:45 | 502 | | GR | | | | | | | | | | |
| Day | 20348 | TTh | 9:30-10:45 | 801 | OTT | 08/17-12/20 | GR | V18 | | | | | | | | | |
| | | Lab | Tue | 11:00-11:50 | 502 | | GR | | | | | | | | | | |
| Day | 20346 | TTh | 11:00-12:15 | 505 | BUMMER | 08/17-12/20 | GR | V19 | | | | | | | | | |
| | | Lab | Tue | 12:30-1:20 | 2416 | | GR | | | | | | | | | | |
| Day | 20505 | TTh | 12:30-1:45 | 402 | STAFF | 08/17-12/20 | GR | V20 | | | | | | | | | |
| | | Lab | Th | 11:30-12:20 | 804 | | GR | | | | | | | | | | |

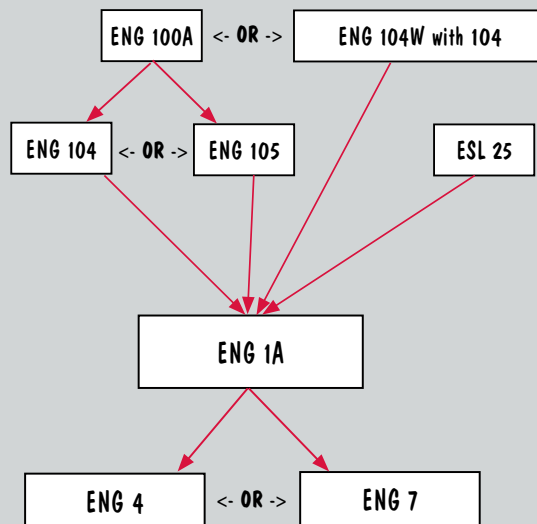
| | | | | | | | | | | | | | | | | | |
|-----|-------|-----|-------------|-------------|-----------|-------------|----|-----|--|--|--|--|--|--|--|--|--|
| Day | 20338 | TTh | 12:30-1:45 | 105 | MCMICHAEL | 08/17-12/20 | GR | V21 | | | | | | | | | |
| | | Lab | Tue | 11:30-12:20 | 2412 | | GR | | | | | | | | | | |
| Day | 20349 | TTh | 1:00-2:15 | 507 | SPIRN | 08/17-12/20 | GR | V22 | | | | | | | | | |
| | | Lab | Th | 12:00-12:50 | 502 | | GR | | | | | | | | | | |
| Day | 23052 | TTh | 2:00-3:15 | 2450 | OTT | 08/17-12/20 | OP | V23 | | | | | | | | | |
| | | Lab | Tue | 3:25-4:15 | 502 | | OP | | | | | | | | | | |
| Day | 20350 | TTh | 2:00-3:15 | 402 | CHEN | 08/17-12/20 | GR | V24 | | | | | | | | | |
| | | Lab | Th | 3:25-4:15 | 2412 | | GR | | | | | | | | | | |
| Day | 20341 | TTh | 2:00-3:15 | 505 | BUMMER | 08/17-12/20 | GR | V25 | | | | | | | | | |
| | | Lab | Tue | 3:25-4:15 | 2412 | | GR | | | | | | | | | | |
| Day | 20834 | TTh | 3:30-4:45 | 2480 | COLE | 08/17-12/20 | GR | V26 | | | | | | | | | |
| | | Lab | Th | 4:55-5:45 | 2412 | | GR | | | | | | | | | | |
| Day | 20351 | Fri | 9:30-12:20 | 403 | STAFF | 08/17-12/20 | GR | V27 | | | | | | | | | |
| | | Lab | Fri | 12:30-1:20 | 401B | | GR | | | | | | | | | | |
| Day | 22289 | Fri | 8:00-10:50 | 2460 | STAFF | 08/17-12/20 | OP | V28 | | | | | | | | | |
| | | Lab | ONLINE | | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 23225 | MW | 11:00-12:15 | PE209 | GONZALES | 08/17-12/20 | OP | P01 | | | | | | | | | |
| | | Lab | Mon | 12:30-1:20 | 401B | | OP | | | | | | | | | | |

ENG 1A-P01 (CRN 23225) is part of the Puente Program Learning Community and is linked to PSCN 30 (CRN 22730). For more information, or to register for the program, please contact Rafael Valle at rvalle@laspositascollege.edu.

ENGLISH FLOW CHART

To decide which English course to take first, the English department recommends taking the English or ESL assessment test and then attending a group program planning session.* Please refer to the Assessment Schedule for details.

*Students who do not assess must start with ENG 100A
-OR-
with the corequisite courses ENG 104W with ENG 104.



LANGUAGE AND RATIONALITY

A.A. OPTIONS 6 SEM. UNITS

ENGLISH COMPOSITION

English 1A

WRITING & CRITICAL THINKING - Complete one course from the following:

English 4 or 7

A.S. OPTIONS 3 SEM. UNITS

ENGLISH COMPOSITION

English 1A

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-------|---------------|-----------|------|------------|-------------|-------|-----|--|-------|------|-----------|------|------------|-------------|-------|-----|
| Eve | 20367 | MW | 4:00-5:15 | 505 | HANSEN | 08/17-12/20 | GR | 093 | Eve | 22508 | Tue | 7:00-9:50 | 1871 | WILLIS | 08/17-12/20 | OP | 094 |
| | Lab | Wed | 5:25-6:15 | 2412 | | 08/17-12/20 | GR | | Web | 22863 | | ONLINE | | DRY | 08/17-12/20 | OP | DE1 |
| Eve | 23053 | TTh | 5:30-6:45 | 4212 | WIGHTMAN | 08/17-12/20 | OP | 094 | <i>ENG 4-DE1 (CRN 22863) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to http://www.laspositascollege.edu/onlinelearning.</i> | | | | | | | | |
| | | Th | 7:00-7:50 | 2412 | | 08/17-12/20 | OP | | Web | 22865 | | ONLINE | | DRY | 08/17-12/20 | OP | DE2 |
| Eve | 22288 | MW | 7:00-8:15 | 103 | STAFF | 08/17-12/20 | OP | 095 | <i>ENG 4-DE2 (CRN 22865) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to http://www.laspositascollege.edu/onlinelearning.</i> | | | | | | | | |
| | | ONLINE | | | | 08/17-12/20 | OP | | | | | | | | | | |
| Eve | 22290 | TTh | 7:00-8:15 | 103 | STAFF | 08/17-12/20 | OP | 096 | | | | | | | | | |
| | Lab | Th | 8:25-9:15 | 2412 | | 08/17-12/20 | OP | | | | | | | | | | |
| Eve | 20364 | Tue | 7:00-9:50 | 2412 | STEVENS | 08/17-12/20 | GR | HY1 | | | | | | | | | |
| | | ONLINE/HYBRID | | | | 08/17-12/20 | GR | | | | | | | | | | |

ENG 1A-HY1 (CRN 20364) is a hybrid course. All class meetings will in room 2412. The lab portion of the course will be conducted over the Internet. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|---------------|-----------|------|-------|-------------|----|-----|
| Eve | 20363 | Wed | 7:00-9:50 | 2480 | STAFF | 08/17-12/20 | GR | HY2 |
| | | ONLINE/HYBRID | | | | 08/17-12/20 | GR | |

ENG 1A-HY2 (CRN 20363) is a hybrid course. All class meetings will be in room 2480. The lab portion of the course will be conducted over the Internet. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

| | | | | | | | | |
|-----|-------|---------------|-----------|------|-------|-------------|----|-----|
| Eve | 23054 | Wed | 7:00-9:50 | 2204 | STAFF | 08/17-12/20 | OP | HY3 |
| | | ONLINE/HYBRID | | | | 08/17-12/20 | OP | |

ENG 1A-HY3 (CRN 23054) is a hybrid course. All class meetings will be in room 104. The lab portion of the course will be conducted over the Internet. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

| | | | | | | | | |
|-----|-------|--|--------|--|---------|-------------|----|-----|
| Web | 20414 | | ONLINE | | O'HERIN | 08/17-12/20 | GR | DE1 |
|-----|-------|--|--------|--|---------|-------------|----|-----|

ENG 1A-DE1 (CRN 20414) is an online course. For more information, see the section titled "Online Learning" in the schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--|--------|--|---------|-------------|----|-----|
| Web | 20513 | | ONLINE | | O'HERIN | 08/17-12/20 | GR | DE2 |
|-----|-------|--|--------|--|---------|-------------|----|-----|

ENG 1A-DE2 (CRN 20513) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--|--------|--|------|-------------|----|-----|
| Web | 23056 | | ONLINE | | NASH | 08/17-12/20 | OP | DE3 |
|-----|-------|--|--------|--|------|-------------|----|-----|

ENG 1A-DE3 (CRN 23056) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

| | | | | | | | | |
|-----|-------|--|--------|--|------|-------------|----|-----|
| Web | 23057 | | ONLINE | | NASH | 08/17-12/20 | OP | DE4 |
|-----|-------|--|--------|--|------|-------------|----|-----|

ENG 1A-DE4 (CRN 23057) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--|--------|--|-------------|-------------|----|-----|
| Web | 23059 | | ONLINE | | SWANSON-GAR | 08/17-12/20 | OP | DE5 |
|-----|-------|--|--------|--|-------------|-------------|----|-----|

ENG 1A-DE5 (CRN 23059) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

ENG 4 CRITICAL THINKING/WRITING LIT 3.0 Units

Develops critical thinking, reading, and writing skills as they apply to the analysis of fiction, poetry and drama; literary criticism; and related non-fiction from diverse cultural sources and perspectives. Emphasis on the techniques and principles of effective written argument as they apply to literature. Some research required.

Prerequisite: ENG 1A (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|-----|------------|------|-----------|-------------|----|-----|
| Day | 22862 | MW | 9:30-10:45 | 1814 | SPIRN | 08/17-12/20 | GR | V01 |
| Day | 20352 | MW | 12:30-1:45 | 507 | SPIRN | 08/17-12/20 | GR | V02 |
| Day | 20662 | MW | 2:30-3:45 | 502 | HANSEN | 08/17-12/20 | GR | V03 |
| Day | 20353 | TTh | 8:00-9:15 | 2450 | STAFF | 08/17-12/20 | GR | V04 |
| Day | 22864 | TTh | 12:30-1:45 | 4127 | STAFF | 08/17-12/20 | OP | V05 |
| Day | 20356 | Fri | 9:30-12:20 | 2480 | MC CANN | 08/17-12/20 | GR | V06 |
| Day | 22758 | TTh | 1:30-2:45 | 503 | SMIGELSKI | 08/17-12/20 | GR | V07 |
| Eve | 20365 | Mon | 7:00-9:50 | 106 | NASH | 08/17-12/20 | GR | 093 |

ENG 7 CRITICAL THINKING/WRITING 3.0 Units

Develops critical thinking, reading, and writing skills as they apply to the textual analysis of primary and secondary book-length works from a range of academic and cultural contexts. Emphasis on the techniques and principles of effective written argument in research-based writing across disciplines.

Prerequisite: ENG 1A (completed with a grade of "C" or higher).

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|-----|-------|-----|-------------|------|-----------|-------------|----|-----|
| Day | 20358 | MW | 8:00-9:15 | 106 | EAGAN | 08/17-12/20 | GR | V01 |
| Day | 20355 | MW | 12:30-1:45 | 106 | EAGAN | 08/17-12/20 | GR | V02 |
| Day | 20357 | TTh | 8:00-9:15 | 402 | CHIOLIS | 08/17-12/20 | GR | V03 |
| Day | 22116 | TTh | 10:00-11:15 | 503 | SMIGELSKI | 08/17-12/20 | GR | V04 |
| Day | 20511 | TTh | 2:30-3:45 | 507 | SATO | 08/17-12/20 | GR | V05 |
| Eve | 20798 | MW | 4:00-5:15 | 2460 | STAFF | 08/17-12/20 | GR | 093 |
| Eve | 20448 | MW | 7:00-8:15 | 502 | STAFF | 08/17-12/20 | GR | 094 |
| Eve | 22759 | TTh | 4:00-5:15 | 507 | SATO | 08/17-12/20 | GR | 095 |

| | | | | | | | | |
|-----|-------|--|--------|--|-----------|-------------|----|-----|
| Web | 21550 | | ONLINE | | BIELAWSKI | 08/17-12/20 | GR | DE1 |
|-----|-------|--|--------|--|-----------|-------------|----|-----|

ENG 7-DE1 (CRN 21550) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--|--------|--|-----------|-------------|----|-----|
| Web | 21716 | | ONLINE | | BIELAWSKI | 08/17-12/20 | GR | DE2 |
|-----|-------|--|--------|--|-----------|-------------|----|-----|

ENG 7-DE2 (CRN 21716) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--|--------|--|---------|-------------|----|-----|
| Web | 23060 | | ONLINE | | STEVENS | 08/17-12/20 | OP | DE3 |
|-----|-------|--|--------|--|---------|-------------|----|-----|

ENG 7-DE3 (CRN 23060) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

ENG 11 INTRO TO CREATIVE WRITING 3.0 Units

Introduction to elements and craft of various genres of creative writing, including narrative, verse, and dialogue, using materials drawn from individual's own work and selected texts from established and peer writers. Practice in writing in various genres. Introduction to workshop method. 3 hours. Strongly recommended: ENG 1A (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|-----|------------|-----|----------|-------------|----|-----|
| Day | 20496 | TTh | 12:30-1:45 | 403 | GONZALES | 08/17-12/20 | GR | V01 |
|-----|-------|-----|------------|-----|----------|-------------|----|-----|



ENG 12A CRAFT OF WRITING FICTION 3.0 Units

Practice in writing fiction. Developing internal and external sources for stories and novels; biographical sources, characterization, plot, points-of-view, narrative techniques; analysis and criticism of published writing and individual's own work. Strongly recommended: ENG 11 (completed with a grade of "C" or higher) and eligibility for ENG 1A.

| | | | | | | | | |
|-----|-------|-----|-----------|-----|-----|-------------|----|-----|
| Eve | 22117 | Wed | 7:00-9:50 | 503 | DRY | 08/17-12/20 | OP | 093 |
|-----|-------|-----|-----------|-----|-----|-------------|----|-----|

ENG 12B CRAFT OF WRITING FICT:INTERMED 3.0 Units

Practice in writing fiction at an intermediate level. Builds on the skills developed in English 12A by requiring the use of vivid description, specific detail, dynamic and rounded character development, consistent point of view, and logical plotting that avoids cliché. Focus on developing themes that create intellectual or emotional resonance. Expectation of sentence structure, grammar, and format accuracy. Develop internal and external sources for stories and novels; analysis and criticism of published short fiction and a book-length work; analysis and criticism of peer work and individual's own work. Requires submission for publication at the end of the semester. 3 hours. Strongly Recommended: ENG 12A and ENG 1A (both completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|-----|-----------|-----|-----|-------------|----|-----|
| Eve | 22118 | Wed | 7:00-9:50 | 503 | DRY | 08/17-12/20 | OP | 093 |
|-----|-------|-----|-----------|-----|-----|-------------|----|-----|

ENG 20 STUDIES IN SHAKESPEARE 3.0 Units

Readings of the sonnets and representative comedies, histories, tragedies, and romances of William Shakespeare, with attention to the early, middle and late phases of his art and to the Age of Elizabeth.

Prerequisite: ENG 1A (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|----|------------|-----|---------|-------------|----|-----|
| Day | 23061 | MW | 12:30-1:45 | 103 | O'HERIN | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|-----|---------|-------------|----|-----|

ENG 41 WORLD LIT: 17TH CENT-PRESENT 3.0 Units

This course is a comparative study of selected works, in translation and in English, of literature from various regions and cultures around the world, including Africa, Europe, the Middle East, Asia, the Americas, and other areas from the mid-or-late seventeenth century to the present.

Prerequisite: ENG 1A (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|----|------------|------|-------|-------------|----|-----|
| Day | 22509 | MW | 9:30-10:45 | 4212 | EAGAN | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|------|-------|-------------|----|-----|

ENG 44 LITERATURE OF AMERICAN WEST 3.0 Units

Critical analysis of the cultural and historical experiences of diverse peoples of the American West as expressed in their literatures, including the novel, short story, poetry, autobiography, memoirs, as-told-to narratives, and secondary works. Exploration of interrelationships among peoples and cultures of the West, considering place and community, gender, and ethnicity as given voice in literature. Study of the works of at least three of the following groups: African Americans, Asian Americans, European Americans, Hispanic Americans, Native Americans. Emphasis upon techniques of critical review of and response to literary works, including gaining understanding of one's identity as a Westerner and an American.

Prerequisite: ENG 1A (completed with a grade of "C" or higher).

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|-----|-------|-----|-------------|-----|----------|-------------|----|-----|
| Day | 23062 | TTh | 11:00-12:15 | 106 | GONZALES | 08/17-12/20 | OP | V01 |
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ENG 100A INTEGRATED READING & WRITING I 4.0 Units

Preparation in English for success in college. Integrates reading, critical thinking, and writing assignments, using materials that present a variety of perspectives from across the curriculum. Strongly recommended: Appropriate skill level demonstrated through the English assessment process.

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|-----|-------|-----|------------|------|-----|-------------|----|-----|
| Day | 23152 | TTh | 12:00-1:15 | 401A | DRY | 08/17-12/20 | OP | V01 |
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| Lab | TTh | 1:25-2:40 | 401A | | | 08/17-12/20 | OP | |
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| Eve | 23063 | MW | 6:30-7:45 | 401A | STAFF | 08/17-12/20 | OP | 093 |
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| Lab | MW | 7:55-9:10 | 401A | | | 08/17-12/20 | OP | |
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ENG 104 INTEGRATED READING & WRITING II 4.0 Units

An accelerated one-semester preparation in English for success in college. Integrates reading, critical thinking and writing assignments, using materials that present a variety of perspectives from across the curriculum. 3 hours lecture, 3 hours laboratory.

Prerequisite: ENG 100A (completed with a grade of "pass"), or appropriate skill level demonstrated through the English assessment process.

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| Day | 21240 | MWF | 8:00-8:50 | 401A | OTT | 08/17-12/20 | P/N | V01 |
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| Lab | MWF | 9:00-9:50 | 401A | | | 08/17-12/20 | P/N | |
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|-----|-------|-----|-------------|------|------|-------------|-----|-----|
| Day | 21241 | MWF | 10:00-10:50 | 401A | SATO | 08/17-12/20 | P/N | V02 |
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| Lab | MWF | 11:00-11:50 | 401A | | | 08/17-12/20 | P/N | |
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|-----|-------|-----|-------------|------|------|-------------|-----|-----|
| Day | 21242 | MWF | 10:00-10:50 | 401B | NASH | 08/17-12/20 | P/N | V03 |
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| Lab | MWF | 11:00-11:50 | 401B | | | 08/17-12/20 | P/N | |
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| Day | 21243 | MW | 3:00-4:15 | 401A | STAFF | 08/17-12/20 | P/N | V05 |
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| Lab | MW | 4:25-5:40 | 401A | | | 08/17-12/20 | P/N | |
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| Day | 22119 | MW | 3:00-4:15 | 401B | STAFF | 08/17-12/20 | P/N | V06 |
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| Lab | MW | 4:25-5:40 | 401B | | | 08/17-12/20 | P/N | |
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|-----|-------|-----|-----------|------|---------|-------------|-----|-----|
| Day | 21244 | TTh | 8:00-9:15 | 401B | SWANSON | 08/17-12/20 | P/N | V07 |
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| Lab | TTh | 9:25-10:40 | 401B | | | 08/17-12/20 | P/N | |
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|-----|-------|-----|------------|------|------|-------------|-----|-----|
| Day | 21268 | TTh | 12:00-1:15 | 401B | COLE | 08/17-12/20 | P/N | V08 |
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| Lab | TTh | 1:25-2:40 | 401B | | | 08/17-12/20 | P/N | |
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|-----|-------|-----|-----------|------|-----------|-------------|-----|-----|
| Day | 21245 | TTh | 3:00-4:15 | 401A | BIELAWSKI | 08/17-12/20 | P/N | V09 |
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| Lab | TTh | 4:25-5:40 | 401A | | | 08/17-12/20 | P/N | |
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|-----|-------|-----|-----------|------|-------|-------------|-----|-----|
| Day | 21417 | TTh | 3:00-4:15 | 401B | EAGAN | 08/17-12/20 | P/N | V10 |
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| Lab | TTh | 4:25-5:40 | 401B | | | 08/17-12/20 | P/N | |
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|-----|-------|----|-----------|------|---------|-------------|-----|-----|
| Eve | 21236 | MW | 6:30-7:45 | 401B | KAUFMAN | 08/17-12/20 | P/N | 093 |
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| Lab | MW | 7:55-9:10 | 401B | | | 08/17-12/20 | P/N | |
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|-----|-------|-----|-----------|------|-------|-------------|-----|-----|
| Eve | 21238 | TTh | 6:30-7:45 | 401A | STAFF | 08/17-12/20 | P/N | 094 |
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| Lab | TTh | 7:55-9:10 | 401A | | | 08/17-12/20 | P/N | |
|-----|-----|-----------|------|--|--|-------------|-----|--|

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|-----|-------|-----|-----------|------|-------|-------------|-----|-----|
| Eve | 21269 | TTh | 6:30-7:45 | 401B | STAFF | 08/17-12/20 | P/N | 095 |
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| Lab | TTh | 7:55-9:10 | 401B | | | 08/17-12/20 | P/N | |
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Courses, dates, and times are subject to change. Please check the college website at www.laspositascollege.edu for the most up-to-date information regarding Fall course offerings.

IMPORTANT NOTICE:
Beginning Fall 2016, students who have not met the College's minimum academic and progress standards (demonstration of a minimum 50% overall completion rate and 2.0 cumulative GPA) for 2 prior consecutive terms will lose their eligibility for a BOGW fee waiver per new state regulations.

ENGLISH AS A SECOND LANGUAGE

ESL 23 COLLEGE GRAMMAR 3.0 Units

This is a one-semester advanced grammar course for academic purposes designed to enable students to use linguistic forms accurately, meaningfully and appropriately in both oral and written expression. The course focuses on sentences, clauses, and phrases, verb tenses and forms, auxiliary verbs and modal expressions, verbs with grammar restrictions, and grammar analysis to enhance reading comprehension and written expression. 3 hours lecture.

Prerequisite: Successful completion of ESL 120B and 121B or appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in 23 and 24 or 25.

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|-----|-------|-----|------------|-----|---------|-------------|----|-----|
| Day | 20323 | Fri | 9:00-11:50 | 900 | MARQUIS | 08/17-12/20 | OP | V01 |
|-----|-------|-----|------------|-----|---------|-------------|----|-----|

ESL 24 ADVANCED READING, COMPOSITION 6.0 Units

This is the first semester of a one-year advanced reading and writing course for academic purposes. Emphasis is on critical reading techniques and writing expository essays as well as on grammar and vocabulary development.

Prerequisite: ESL 120B and 121B or an appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in 24 and 23 or 26.

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|-----|-------|-----|-------------|-----|-------------|-------------|----|-----|
| Day | 20222 | MW | 9:00-11:50 | 403 | XIEZOPOLSKI | 08/17-12/20 | OP | V01 |
| Lab | | Wed | 12:00-12:50 | 600 | | 08/17-12/20 | OP | |
| Eve | 20223 | MW | 6:30-9:20 | 403 | RUDNICKA | 08/17-12/20 | OP | 093 |
| Lab | | Wed | 5:30-6:20 | 600 | | 08/17-12/20 | OP | |

ESL 25 ADVANCED ESL READING AND COMP 6.0 Units

This is the second semester of a one-year advanced reading and writing course for academic purposes. Emphasis is on critical reading and techniques of exposition, analysis, and argumentation.

Prerequisite: ESL 24 or an appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in 25 and 23 or 26.

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|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Eve | 22196 | MW | 6:30-9:20 | 402 | STAFF | 08/17-12/20 | OP | 093 |
| Lab | | Wed | 5:30-6:20 | 600 | | 08/17-12/20 | OP | |

ESL 26 ADVANCED EDITING 3.0 Units

This course is designed to increase students awareness of their own use of written language, strengthen their linguistic monitors and give them practice in editing strategies which will enable them to use linguistic forms accurately, meaningfully and appropriately in written expression.

Prerequisite: ESL 120B and 121B or an appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in 26 and 24 or 25.

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|-----|-------|----|-----------|-----|---------|-------------|----|-----|
| Eve | 21279 | Th | 6:30-9:20 | 900 | LUNDBOM | 08/17-12/20 | OP | 093 |
|-----|-------|----|-----------|-----|---------|-------------|----|-----|

ESL 120A INTERM GRAMMAR/READ,WRITE I 3.0 Units

This is the first semester of a one-year course in intermediate grammar for academic writing and reading designed to enable students to use linguistic forms accurately, meaningfully and appropriately in written expression. This course focuses on compound and complex sentences, verb tense and form, and modals. This course also emphasizes grammar analysis, detecting and correcting grammatical errors, and self-editing skills. 3 hours lecture.

Prerequisite: ESL 130B or appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in ESL 120A and 121A and 123 or 126.

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|-----|-------|-----|------------|------|---------|-------------|-----|-----|
| Day | 22395 | Mon | 9:00-11:50 | 507 | MCGURK | 08/17-12/20 | P/N | V01 |
| Eve | 20175 | Fri | 6:30-9:20 | 2490 | TROMBLY | 08/17-12/20 | P/N | 094 |

ESL 120B INTERM GRAMMAR/READ,WRITE II 3.0 Units

This is the second semester of a one-year course in intermediate grammar for academic writing and reading designed to enable students to use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on compound and complex sentences and short paragraphs, overview of the verb tense system in English, verb forms with gerunds and infinitives, verb forms in modifying phrases, and modals. This course also emphasizes analyzing grammar and meaning, detecting and correcting grammatical errors, and self-editing skills.

Prerequisite: ESL 120A or appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in ESL 120B, 121B, and 123 or 126.

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|-----|-------|-----|------------|------|---------|-------------|-----|-----|
| Day | 22396 | Wed | 9:00-11:50 | 507 | MARQUIS | 08/17-12/20 | P/N | V01 |
| Eve | 22398 | Fri | 6:30-9:20 | 2460 | MARQUIS | 08/17-12/20 | P/N | 093 |

ESL 121A INTERM WRITING AND READING I 6.0 Units

This is the first semester of a one-year course in intermediate academic writing and reading. The course is designed to enable students to use and interpret linguistic forms accurately, meaningfully, and appropriately in written expression. Classes will focus on writing sentences, paragraphs and compositions, developing strategies for reading comprehension and flexibility, on interactive reading, and on academic vocabulary development. Students will develop cultural understanding, vocabulary, and fluency through a variety of academic writing and reading tasks.

Prerequisite: ESL 131B or appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in ESL 120A, 121A, and 123 or 126.

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|-----|-------|-----|-------------|-----|---------|-------------|-----|-----|
| Day | 20871 | TTh | 9:00-11:50 | 900 | LEHR | 08/17-12/20 | P/N | V01 |
| Lab | | Th | 12:00-12:50 | 900 | | 08/17-12/20 | P/N | |
| Day | 21316 | TTh | 9:00-11:50 | 600 | PODEVYN | 08/17-12/20 | P/N | V02 |
| Lab | | Th | 12:00-12:50 | 600 | | 08/17-12/20 | P/N | |
| Eve | 20872 | TTh | 6:30-9:20 | 505 | PABLEY | 08/17-12/20 | P/N | 093 |
| Lab | | Th | 5:30-6:20 | 600 | | 08/17-12/20 | P/N | |

ESL 121B INTERM WRITING AND READING II 6.0 Units

This is the second semester of a one-year course in intermediate academic writing and reading. The course is designed to enable students to use and interpret linguistic forms accurately, meaningfully, and appropriately in written expression. Classes will focus on writing sentences, paragraphs and compositions, developing strategies for reading comprehension and flexibility, on interactive reading, and academic vocabulary development. Students will develop cultural understanding and fluency through a variety of academic writing and reading tasks.

Prerequisite: ESL 121A or appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in ESL 120B, 121B and 123 or 126.

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|-----|-------|-----|-------------|-----|----------|-------------|-----|-----|
| Day | 20491 | TTh | 9:00-11:50 | 403 | MARQUIS | 08/17-12/20 | P/N | V02 |
| Lab | | Tue | 12:00-12:50 | 600 | | 08/17-12/20 | P/N | |
| Eve | 20581 | TTh | 6:30-9:20 | 403 | DEBAKCSY | 08/17-12/20 | P/N | 093 |
| Lab | | Tue | 5:30-6:20 | 600 | | 08/17-12/20 | P/N | |

ESL 123 INTERMEDIATE ORAL COMMUNICA 2.0 Units

This is an intermediate level oral communication course. This course will enable students to use linguistic forms accurately, meaningfully and appropriately, emphasizing academic listening and speaking skills: listening and speaking in small groups, listening to short lectures on academic topics, learning academic vocabulary and expressions, making presentations on new topics.

Prerequisite: Eligibility for ESL 120A, 121A.

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|-----|-------|-----|-------------|------|---------|-------------|-----|-----|
| Day | 20650 | Fri | 9:30-11:20 | 2450 | MC GURK | 08/17-12/20 | P/N | V01 |
| Lab | | Fri | 11:30-12:20 | 2450 | | 08/17-12/20 | P/N | |

ESL 130A BEG GRAMMAR/WRITE, READ I 3.0 Units

This is the first semester of a one-year course in beginning grammar for academic purposes designed to enable students to identify and use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on simple and compound sentences, questions, modifiers, phrases, and verb tenses, especially simple present, simple past, and present progressive. Strongly recommended: appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in ESL 130A, 131A, and 133.

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|-----|-------|-----|------------|------|---------|-------------|-----|-----|
| Day | 22399 | Tue | 9:00-11:50 | 4127 | MC GURK | 08/17-12/20 | P/N | V01 |
| Eve | 22400 | Fri | 6:30-9:20 | 2470 | TAGUCHI | 08/17-12/20 | P/N | 093 |

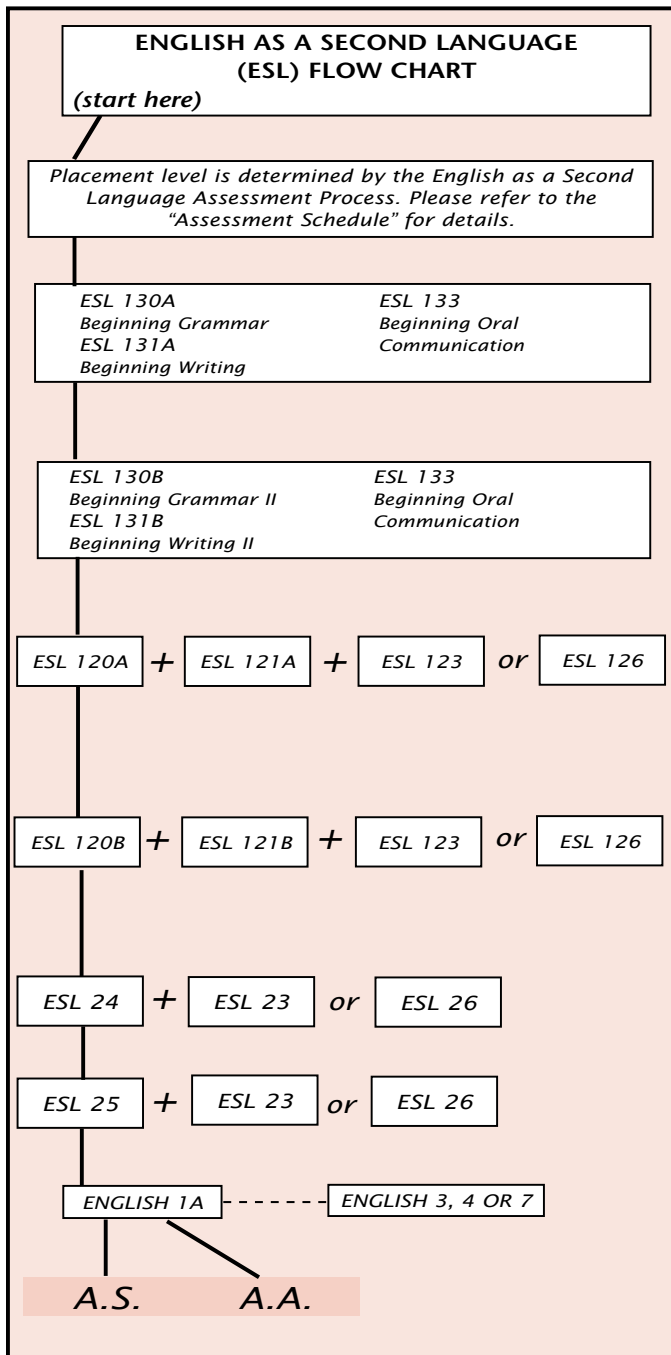
ESL 130B BEG GRAMMAR/READ/WRITE II 3.0 Units

This is the second semester of a one-year course in beginning grammar for academic purposes designed to enable students to identify and use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on simple and compound sentences, questions, modals, modifiers, phrases, and verb tenses, especially simple present, past, and future as well as present and past progressive.

Prerequisite: ESL 130A or appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in ESL 130B, 131B, and 133.

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|-----|-------|-----|------------|------|-------------|-------------|-----|-----|
| Day | 22401 | Th | 9:00-11:50 | 4127 | MC GURK | 08/17-12/20 | P/N | V01 |
| Eve | 22402 | Fri | 6:30-9:20 | 2480 | LEBO-PLANAS | 08/17-12/20 | P/N | 093 |



ESL 131A BEGINNING WRITING, READING I 6.0 Units

This is the first semester of a one-year course in beginning academic writing and reading. The course is designed to enable students to use and interpret linguistic forms accurately, meaningfully, and appropriately in written expression. Classes will focus on writing simple and compound sentences in short paragraphs, on developing strategies for increasing reading comprehension and flexibility, on interactive reading, and on developing academic vocabulary. Students will develop cultural understanding and fluency through a variety of writing and reading tasks. Strongly recommended: Appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in ESL 130A, 131A, and 133.

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|-----|-------|-----|-------------|------|--------|-------------|-----|-----|
| Day | 20258 | MW | 9:00-11:50 | 4127 | BAXTER | 08/17-12/20 | P/N | V01 |
| | Lab | Mon | 12:00-12:50 | 600 | | 08/17-12/20 | P/N | |
| Eve | 20259 | MW | 6:30-9:20 | 505 | BILBAO | 08/17-12/20 | P/N | 093 |
| | Lab | Mon | 5:30-6:20 | 600 | | 08/17-12/20 | P/N | |

ESL 131B BEGINNING WRITING, READING II 6.0 Units

This is the second semester of a one-year course in beginning academic writing and reading. The course is designed to enable students to use and interpret linguistic forms accurately, meaningfully, and appropriately in written expression. Classes will focus on writing simple, compound, and complex sentences in structured paragraphs, on developing strategies for increasing reading comprehension and flexibility, on interactive reading, and fluency through a variety of writing and reading tasks.

Prerequisite: ESL 131A or appropriate skill level demonstrated through the ESL assessment process.

Students are advised to enroll concurrently in ESL 130B, 131B, and 133.

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|-----|-------|-----|-------------|-----|----------------|-------------|-----|-----|
| Day | 20492 | MW | 9:00-11:50 | 900 | LACQUES-ARANDA | 08/17-12/20 | P/N | V01 |
| | Lab | Wed | 12:00-12:50 | 600 | | 08/17-12/20 | P/N | |
| Eve | 20582 | MW | 6:30-9:20 | 900 | PAYNE | 08/17-12/20 | P/N | 093 |
| | Lab | Wed | 5:30-6:20 | 600 | | 08/17-12/20 | P/N | |

ESL 133 BEGINNING ORAL COMMUNICATION 2.0 Units

This is a beginning oral communication course. This course will enable students to use linguistic forms accurately, meaningfully and appropriately, emphasizing conversational skills: listening and speaking in small groups, using new grammar structures, learning new words and expressions, comprehending and using idiomatic expressions. Strongly recommended: Appropriate skill level demonstrated through the ESL assessment process.

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|-----|-------|-----|-------------|------|---------|-------------|-----|-----|
| Sat | 21795 | Sat | 9:30-11:20 | 2490 | TROMBLY | 08/17-12/20 | P/N | WEI |
| | Lab | Sat | 11:30-12:20 | 2416 | | 08/17-12/20 | P/N | |

REMINDER: All registration notices, Financial Aid and general College information will be sent to your "ZONEmail Account". Check it regularly!!

ENVIRONMENTAL STUDIES

EVST 5 ENERGY AND SUSTAINABILITY 3.0 Units

Introduction and exploration of Energy production, utilization, management, and the effects on society, and the environment. This course will also compare and contrast current and future renewable and non renewable methods of energy generation, auditing, and conservation. Strongly recommended: Eligibility for ENG 1A.

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| Day | 21343 | TTh | 11:30-12:45 | 1872 | HARPELL | 08/17-12/20 | OP | V01 |
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FIRE SERVICE TECHNOLOGY

FST 50 FIRE PROTECTION ORGANIZATION 3.0 Units

Introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. Cultural Diversity, including discrimination and harassment laws and regulations. Course complies with State Board of Fire Services requirements (1999).

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|-----|-------|-----|------------|-----|----------|-------------|----|-----|
| Day | 20521 | Fri | 9:30-12:20 | 801 | JOHANSEN | 08/17-12/20 | GR | V01 |
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| Lab | Sat | 1.0 hrs | TBA | 801 | | 08/17-12/20 | GR | |
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FST 50-V01 has two labs TBA.

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| Eve | 20220 | Mon | 7:30-10:20 | 801 | FREENEN | 08/17-12/20 | GR | 093 |
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| Lab | By Arr | 1.0 Hrs/Wk | | 801 | | 08/17-12/20 | GR | |
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FST 50-093 has two labs TBA.

FST 51 FIRE SERVICE OPERATIONS 3.0 Units

Fire department organization, management, and resources. Multi-agency coordinating systems for controlling various emergencies. Strategy and tactics applied to structural fire fighting, wildland fire fighting, and hazardous material emergencies, and safety conditions to be considered.

Prerequisite: FST 50.

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| Day | 20583 | Fri | 1:00-3:50 | 801 | TORRES | 08/17-12/20 | GR | V01 |
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|-----|-----|-----------|--|-----|--|-------------|----|--|
| Lab | Fri | 3:55-4:55 | | 801 | | 08/17-12/20 | GR | |
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FST 52 FIREFIGHTER SAFETY & SURVIVAL 3.0 Units

Basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services; assessing fire dangers and handling common fire situations; risk abatement and personal preparation for unforeseen fire emergencies; roles and responsibilities in educating the public on fire safety; development of a survival attitude using problem-solving techniques for increased situational awareness and self-reliance in an emergency.

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| Eve | 20317 | Th | 7:00-9:50 | 801 | KORDES | 08/17-12/20 | GR | 093 |
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| Lab | By Arr | 1.0 Hrs/Wk | | 801 | | 08/17-12/20 | GR | |
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FST 53 FIRE BEHAVIOR AND COMBUSTION 3.0 Units

Theory and fundamentals of why fires start, spread, and are controlled. An in depth study of fire chemistry and physics fire characteristics of materials, extinguishing agents, and control techniques.

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| Eve | 20221 | Tue | 7:00-9:50 | 801 | ZOLFARELLI | 08/17-12/20 | GR | 093 |
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FST 55 FIRE PROTECTION EQUIPT AND SYS 3.0 Units

History and development of the Uniform Fire Code; features, design, and operations of fire alarm systems and smoke detection systems; means and adequacy of required exiting systems. Installation and maintenance of automatic, manual, and other private fire extinguishing equipment, heat and smoke control systems, water or sprinkler supply, water supply for fire protection and portable fire extinguishers.

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|-----|-------|-----|------------|-----|----------|-------------|----|-----|
| Eve | 20229 | Wed | 7:30-10:20 | 801 | JOHANSEN | 08/17-12/20 | GR | 093 |
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FST 74A FIRE INVESTIGATION IA 2.0 Units

Fire investigation techniques relating to different types of fires. Recognition of arson laws and penalties in California, laws related to scene preservation and evidence collection. Fire origin and cause determination within the fire ground environment. Fire scene documentation requirements. This is a State of California Fire Marshal, CFSTES (California Fire Service Training and Education System) course approved by the California State Fire Board of Fire Services. A certificate will be issued by the California State Fire Marshal, State Fire Training upon successful completion of the course.

Students will be assessed an \$80 fee at registration for the cost of the CFSTES certification.

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| Eve | 20563 | Wed | 5:00-7:10 | 801 | JOHANSEN | 08/29-12/20 | GR | LE1 |
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FST 74A-LE1 (CRN 20563) is a Late Start course that meets from Aug 29-Dec 20.

Note: This is a Level I CFSTES California State Fire Marshal Certification Course, meeting the curriculum requirements for Fire Investigation IA (Fire Cause and Origin Determination). This course is recommended for Firefighters, Peace Officers, Fire Prevention and Fire Investigation Personnel.



FRENCH

FREN IA BEGINNING FRENCH 5.0 Units

This introductory level course will enable students to begin speaking, reading and writing elementary level French as well as understanding the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts. Strongly recommended: Eligibility for ENG 1A.

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|-----|-------|-----|-------------|-----|-------|-------------|----|-----|
| Day | 20281 | MWF | 11:00-12:25 | 104 | STAFF | 08/17-12/20 | OP | V01 |
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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Eve | 21541 | TTh | 6:00-8:15 | 2480 | STAFF | 08/17-12/20 | OP | 093 |
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GENERAL STUDIES

GNST 9 COLLOQUIUM-GENERAL STUDIES 1.0 Units

Eve 22702 Mon 4:00-5:00 2204 STAFF 08/17-12/20 OP 093

GNST 9 (CRN 21281) is the Honors Seminar, designed for members of Honors Transfer Program, but open to all Las Positas College students.

GEOGRAPHY

GEOG 1 INTRO TO PHYSICAL GEOGRAPHY 3.0 Units

This course is a spatial study of the Earth's dynamic physical system and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere with emphasis on spatial characteristics, change over time, interactions between environmental components, and human-environment interactions. Tools of geographic inquiry are also briefly covered; they include maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

GEOGRAPHY 1 STUDENTS ARE STRONGLY ENCOURAGED TO ENROLL CONCURRENTLY IN GEOGRAPHY 1L.

Day 20027 MW 9:30-10:45 2420 ORF 08/17-12/20 GR V01

Day 20663 TTh 2:00-3:15 1826 HASTY 08/17-12/20 GR V02

Eve 20786 MW 5:30-6:45 1826 HASTY 08/17-12/20 OP 093

Web 20976 ONLINE ORF 08/17-12/20 GR DE1

GEOG 1-DE1 (CRN 20976) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 23043 ONLINE ORF 08/17-12/20 OP DE2

GEOG 1-DE2 (CRN 23043) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

GEOG 1L INTRO TO PHYS GEOG LABORATORY 1.0 Units

This course is designed to provide supplemental exercises in topics covered in physical geography lecture. Lab experience will include map analysis and interpretation, weather prognostication, landform processes and evolution, tectonics, biogeography, and habitat analysis.

Prerequisite: GEOG 1 (may be taken concurrently).

Geography Lab (Geography 1L) is a hands-on laboratory providing opportunities for reinforcing lecture concepts and for exploring additional Physical Geography topics through interactive technologies.

Day 20915 Lab Mon 1:00-3:50 1828 ORF 08/17-12/20 GR V02

Day 22403 Lab Fri 9:00-11:50 1828 SEELEY 08/17-12/20 OP V03

Eve 20196 Lab Mon 7:00-10:00 1828 ACKERMAN 08/17-12/20 GR 093

GEOG 2 CULTURAL GEOGRAPHY 3.0 Units

The course is a study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Topics include: demography, languages and religions, urbanization and landscape and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development.

Day 20470 TTh 12:30-1:45 1826 ORF 08/17-12/20 OP V01

GEOG 5 WORLD REGIONAL GEOGRAPHY 3.0 Units

Survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions.

Day 23044 MW 11:00-12:15 1826 ORF 08/17-12/20 OP V01

GEOG 12 GEOGRAPHY OF CALIFORNIA 3.0 Units

A thematic approach to the state's issues, processes and topics relevant to geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. This course explores the physical, and human landscapes that have evolved as a result of the human-environment interface.

Day 20633 TTh 11:00-12:15 1826 ORF 08/17-12/20 OP V01

GEOLOGY

GEOG 1 PHYSICAL GEOLOGY 3.0 Units

The Earth, its materials, its internal and external processes, and its development through time. Emphasis is placed on a thorough global understanding of Plate Tectonics as a framework and foundation for subsequent geologic topics and concepts. Topics include volcanoes, earthquakes and seismology, the Geologic Time Scale and the formation of the earth, rocks and minerals, hydrology, erosion, beach systems, environmental geology, glaciation, groundwater, etc. Course content includes the difference between theory and fact and the historical development of key geologic concepts. This is the foundation course for almost all subsequent geology courses for both geology majors and non-majors.

The Geology lab (GEOG 1L) may be taken concurrently with the lecture (GEOG 1) or during a later term. Enrollment in the lecture (GEOG 1) does not automatically enroll the student in the lab (GEOG 1L); students must enroll in the lab course separately.

Day 20572 MW 12:30-1:45 2420 HANNA 08/17-12/20 OP V01

Web 20573 ONLINE HANNA 08/17-12/20 OP DE1

GEOG 1-DE1 (CRN 20573) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

GEOG 1L PHYSICAL GEOLOGY LABORATORY 1.0 Units

Laboratory course to supplement the physical geology lecture course. Introduction to the materials and techniques of geology. Includes minerals, rocks, topographic and geologic maps, structural geology, identification and interpretation of landforms, geologic time and relative age dating analysis, etc.

Prerequisite: Geology 1, 5 or 7 (may be taken concurrently).

The Geology Lab (GEOG 1L) may be taken concurrently with the lecture (GEOG 1) or during a later term. Enrollment in the lecture (GEOG 1) does not automatically enroll the student in the lab (GEOG 1L); students must enroll in the lab course separately.

Day 20574 Lab Tue 2:00-4:50 1828 HANNA 08/17-12/20 OP V01

Day 20575 Lab Wed 9:30-12:20 1828 STAFF 08/17-12/20 OP V02

Eve 22026 Lab Th 7:00-9:50 1828 STAFF 08/17-12/20 OP 093

GEOG 12 INTRODUCTION TO OCEANOGRAPHY 3.0 Units

Introduction to the oceans, the history of oceanic science, instrumentation and exploration; marine geology including plate tectonics and shoreline processes; physical and chemical properties of sea water; causes and effects of currents, tides, and waves; introduction to the basic types of marine life, the basic marine habitats and ecosystems; distribution of marine resources and the Law of the Sea.

Day 20120 MW 2:00-3:15 1826 STAFF 08/17-12/20 OP V01

Web 22027 ONLINE HANNA 08/17-12/20 OP DE1

GEOG 12-DE1 (CRN 22027) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

GEOL 12L INTRO TO OCEANOGRAPHY LAB 1.0 Units

Laboratory course to supplement the oceanography lecture course. Introduction to the materials and techniques of oceanic science. Includes sea floor rocks, oceanic geography, bathymetric maps, seismic reflection, seawater physics and chemistry, beach sand, tides, waves, marine life and marine fossils, sea floor spreading rates, etc.

Prerequisite: Geology 12 lecture (may be taken concurrently).

The Geology Lab (GEOL 12L) may be taken concurrently or during a later term. Enrollment in the lecture (GEOL 12) does not automatically enroll the student in the lab (GEOL 12L); students must enroll in the lab course separately.

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| Day | 20826 | Lab Mon | 9:30-12:20 | 1828 | STAFF | 08/17-12/20 | OP | V01 |
| Day | 23027 | Lab Th | 2:00-4:50 | 1828 | STAFF | 08/17-12/20 | OP | V02 |

HEALTH

HLTH 1 INTRODUCTION TO HEALTH 3.0 Units

Physiological, psychological, and social perspectives of health. Emphasis on knowledge, attitudes and behaviors that will contribute to a healthy individual.

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|-----|-------|-----|-------------|------|---------|-------------|----|-----|
| Day | 20163 | MW | 8:00-9:15 | 2450 | STAFF | 08/17-12/20 | OP | V01 |
| Day | 20416 | MW | 11:00-12:15 | 2204 | STAFF | 08/17-12/20 | OP | V02 |
| Day | 21087 | TTh | 12:30-1:45 | 2204 | EVERETT | 08/17-12/20 | OP | V04 |
| Day | 20790 | TTh | 9:30-10:45 | 2206 | EVERETT | 08/17-12/20 | OP | V05 |
| Eve | 20389 | Wed | 6:00-8:50 | * | STAFF | 08/17-12/20 | OP | 093 |

**HLTH 1-093 (CRN 20389) will meet at Livermore High School
Address: 600 Maple Street, Livermore, CA 94550*

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|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Eve | 22663 | Mon | 6:00-8:50 | 104 | STAFF | 08/17-12/20 | OP | 094 |
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|-----|-------|--------|--|--|---------|-------------|----|-----|
| Web | 20326 | ONLINE | | | EVERETT | 08/17-12/20 | OP | DE1 |
|-----|-------|--------|--|--|---------|-------------|----|-----|

HLTH 1-DE1 (CRN 20326) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--------|--|--|---------|-------------|----|-----|
| Web | 20274 | ONLINE | | | EVERETT | 08/17-12/20 | OP | DE2 |
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HLTH 1-DE2 (CRN 20274) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--------|--|--|---------|-------------|----|-----|
| Web | 20164 | ONLINE | | | EVERETT | 08/17-12/20 | OP | DE3 |
|-----|-------|--------|--|--|---------|-------------|----|-----|

HLTH 1-DE3 (CRN 20164) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|--------|--|--|-------|-------------|----|-----|
| Web | 21706 | ONLINE | | | STAFF | 08/17-12/20 | OP | DE4 |
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HLTH 1-DE4 (CRN 21706) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

HLTH 3 WOMENS HEALTH 3.0 Units

Physiological, psychological, social, cultural, and political influences on womens health. Emphasis on diversity of womens experiences and the factors involved with both population level health outcomes and personal decision-making. Focus on empowerment for primary prevention.

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|-----|-------|-----|-----------|-------|-------|-------------|----|-----|
| Day | 22037 | TTh | 2:00-3:15 | PE209 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|-----|-----------|-------|-------|-------------|----|-----|

HEALTH SCIENCES

HSCI 52 BASIC MEDICAL TERMINOLOGY 3.0 Units

A basic course in medical terminology designed for students in studying for Allied Health careers such as Surgical Technologist, Paramedic, Pre-nursing, and Radiology Technician. Medical vocabulary with concentration on prefixes, suffixes, and root words. Emphasis on word dissection, definitions as applied to the body systems including the terminology used in surgical procedures. Concepts focus on comprehensive terminology, pronunciation and spelling core. Students who are currently enrolled in or have completed Health 52 or Emergency Medical Services 62 may not receive credit.

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Eve | 21074 | Mon | 6:30-9:20 | 2420 | STAFF | 08/17-12/20 | GR | 093 |
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HISTORY

HIST 1 WESTERN CIVILIZATION TO 1600 3.0 Units

Origin and development of civilization in the Mediterranean and its expansion into Europe-the Near East, Greece, Rome and the Middle Ages, Renaissance and the Reformation. CAN HIST 2

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|-----|-------|--------|-----------|-----|-------|-------------|----|-----|
| Day | 21718 | MW | 2:00-3:15 | 105 | STAFF | 08/17-12/20 | GR | V01 |
| Web | 20595 | ONLINE | | | STAFF | 08/17-12/20 | GR | DE1 |

HIST 1-DE1 (CRN 20595) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

HIST 2 WESTERN CIVILIZATION SINCE 1600 3.0 Units

History of the Modern Western World: Romanticism and the Industrial Revolution to the present.

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|-----|-------|-----|-------------|------|------------|-------------|----|-----|
| Day | 20506 | TTh | 11:00-12:15 | 103 | MC ELDERRY | 08/17-12/20 | GR | V02 |
| Eve | 20816 | Tue | 4:00-6:50 | 2420 | MC ELDERRY | 08/17-12/20 | GR | 093 |

HIST 7 US HISTORY THROUGH RECONSTRUCT 3.0 Units

A survey of United States history from its pre-colonial, indigenous origins through the end of Reconstruction. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the interaction amongst and the experiences of diverse racial, ethnic and socioeconomic groups in American History, and (3) the evolution of American institutions and ideals including the U.S. Constitution, representative democratic government, the framework of California state and local government, and the relationship between state/local government and the federal government.

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|-----|-------|--------|-------------|-------|------------|-------------|----|-----|
| Day | 20035 | MW | 8:00-9:15 | 2205 | STAFF | 08/17-12/20 | GR | V01 |
| Day | 20920 | MW | 8:00-9:15 | 2470 | STAFF | 08/17-12/20 | GR | V02 |
| Day | 20788 | MW | 11:00-12:15 | 2206 | MC ELDERRY | 08/17-12/20 | GR | V03 |
| Day | 20036 | MW | 12:30-1:45 | 402 | STAFF | 08/17-12/20 | GR | V04 |
| Day | 20626 | TTh | 9:30-10:45 | 2420 | MC ELDERRY | 08/17-12/20 | GR | V05 |
| Day | 20869 | TTh | 11:00-12:15 | PE212 | STAFF | 08/17-12/20 | GR | V06 |
| Day | 20034 | TTh | 2:00-3:15 | 2480 | STAFF | 08/17-12/20 | GR | V07 |
| Eve | 20625 | Tue | 4:00-6:50 | 104 | STAFF | 08/17-12/20 | GR | 093 |
| Eve | 22404 | Wed | 7:00-9:50 | 4213 | STAFF | 08/17-12/20 | GR | 094 |
| Eve | 20820 | Th | 7:00-9:50 | 4138 | STAFF | 08/17-12/20 | GR | 095 |
| Web | 20276 | ONLINE | | | STAFF | 08/17-12/20 | GR | DE1 |

HIST 7-DE1 (CRN 20276) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

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| Web | 20836 | ONLINE | | | STAFF | 08/17-12/20 | GR | DE2 |
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HIST 7-DE2 (CRN 20836) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

REMEMBER TO ACCESS YOUR STUDENT ZONEMAIL

PLEASE NOTE: All messages from the College are sent to this email address. Your registration date will be emailed to your ZONEmail account. Check your ZONEmail regularly to avoid missing any important information or notices. .

HIST 8 US HISTORY POST-RECONSTRUCT 3.0 Units

History of the United States from the post-Civil War period to the present. Emphasis on distinctively American patterns of political, economic, social, intellectual and geographic developments.

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|-----|-------|--------|-------------|------|------------|-------------|----|-----|
| Day | 20518 | MW | 8:00-9:15 | 2480 | MC ELDERRY | 08/17-12/20 | GR | V01 |
| Day | 20815 | MW | 9:30-10:45 | 2480 | MC ELDERRY | 08/17-12/20 | GR | V02 |
| Day | 20238 | MW | 11:00-12:15 | 801 | STAFF | 08/17-12/20 | GR | V03 |
| Day | 20615 | TTh | 9:30-10:45 | 2480 | BENGIVENO | 08/17-12/20 | GR | V04 |
| Day | 20038 | TTh | 11:00-12:15 | 801 | STAFF | 08/17-12/20 | GR | V05 |
| Day | 20789 | TTh | 12:30-1:45 | 2420 | STAFF | 08/17-12/20 | GR | V06 |
| Day | 21719 | MW | 2:30-3:45 | 104 | STAFF | 08/17-12/20 | GR | V07 |
| Eve | 20821 | Tue | 7:00-9:50 | 2420 | MC ELDERRY | 08/17-12/20 | GR | 093 |
| Eve | 20868 | Th | 4:00-6:50 | 2490 | STAFF | 08/17-12/20 | GR | 094 |
| Web | 20037 | ONLINE | | | BENGIVENO | 08/17-12/20 | GR | DEI |

HIST 8-DEI (CRN 20037) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 20837 ONLINE BENGIVENO 08/17-12/20 GR DE2

HIST 8-DE2 (CRN 20837) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

HIST 14 HIST AND AMER CULTURES CALIF 3.0 Units

Historical development of California, including Spanish exploration and settlement, the Mexican Revolution and transformation, the American conquest, the Gold Rush and dynamic expansion to the present day. In addition to exploring the political, economic, cultural, and social factors affecting the development of California, the course will focus on the roles and interactions of the following groups within the context of California history: African Americans, Asian Americans, European Americans, Latino Americans, and Native Americans.

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|-----|-------|----|------------|------|-------|-------------|----|-----|
| Day | 20307 | MW | 12:30-1:45 | 2480 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|------|-------|-------------|----|-----|

HIST 25 AMERICAN INDIAN HISTORY 3.0 Units

Historical survey of American Indians in the United States from earliest times to the present day. Emphasis on Indian societies and cultures, Indian relations with predominant cultures, Indian movement for self-preservation and historical background necessary to understand contemporary problems of the Indians. Emphasis on the Indians of California and the West.

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|-----|-------|----|-----------|------|-------|-------------|----|-----|
| Day | 20632 | MW | 2:00-3:15 | 2490 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|----|-----------|------|-------|-------------|----|-----|

HIST 28 HISTORY OF AMERICAN WEST 3.0 Units

A history of the trans-Mississippi West of the United States. Emphasis will be placed on Native American history and cultures, European and Anglo-American frontiers, expansion of the United States in the 19th century, and the interaction of Native American, European American, Asian American, African American and Hispanic American peoples, and the significance of the West in American history.

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|-----|-------|----|-------------|------|-------|-------------|----|-----|
| Day | 20255 | MW | 11:00-12:15 | 2490 | STAFF | 08/17-12/20 | OP | V01 |
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HIST 32 U.S. WOMENS HISTORY 3.0 Units

A survey of United States women's history from its indigenous origins through the present. This course emphasizes the interaction and experiences of diverse racial/ethnic groups that include at least three of the following groups: African-Americans, Chicana/Latina Americans, Asian Americans, European Americans, and Native Americans. Special areas of focus include women's role in the political, economic, social, and geographic development of the United States.

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|-----|-------|-----|------------|------|-----------|-------------|----|-----|
| Day | 20643 | TTh | 12:30-1:45 | 2480 | BENGIVENO | 08/17-12/20 | OP | V01 |
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|-----|-------|-----|-----------|------|-----------|-------------|----|-----|
| Eve | 20520 | Wed | 4:00-6:50 | 2480 | BENGIVENO | 08/17-12/20 | OP | 093 |
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HORTICULTURE

HORT 50 INTRODUCTION TO HORTICULTURE 3.0 Units

Botanical nomenclature, anatomy and physiology, plant growth, and development are presented. Various micro-climates, landscape planning and development, media, fertilizer, and watering methods are discussed. Design and development of a home landscape plan is included. Current research of plant propagation, plant disorders and pest management will be explored. (8 hours of lab to be scheduled on Saturdays which may include one or more field trips).

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|-----|-------|---------|-------------|------|-------|-------------|----|-----|
| Day | 22132 | TTh | 9:30-10:35 | 402 | STAFF | 08/17-12/20 | OP | V01 |
| | | Lab Tue | 10:45-12:00 | YARD | | 08/17-12/20 | OP | |

HORT 50-V01 (CRN 22132) has two Saturday meetings from 10am-2pm in room 402 on: Sep. 26 and Oct. 24.

HORT 54 PLANTING MEDIA & NUTRITION 2.0 Units

Soil classification, formation, and natural characteristics. Physical and chemical properties of soil and effect on plant growth and development. Propagating and planting media, soil substitutes and amendments to improve and promote plant growth. Methods and materials related to plant, soil, water, and nutrient relationships to enhance plant growth and development. Plant nutrition, essential nutrients required for plant growth and healthy development. Fertilizer materials, origin, use, and application. Strongly recommended: Horticulture 50 or instructor's permission.

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|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Eve | 23182 | Tue | 5:00-6:50 | 802 | STAFF | 08/17-12/20 | OP | 093 |
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HORT 55 HORTICULTURE MGMT & OPERATIONS 3.0 Units

Horticulture specializations including management and operations of retail and wholesale nurseries, greenhouse growers, specialized growers of trees, shrubs, flowers, hydroponics growers, vegetable growers, wholesale and retail floristry businesses, other related businesses, and botanical gardens. Plant propagation, propagation structures, greenhouses, nursery and floral business management and operations. Employment opportunities in the horticulture industry.

Prerequisite: HORT 50.

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| Eve | 23183 | Wed | 6:00-8:15 | 802 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab Wed | 8:20-9:35 | 802 | | 08/17-12/20 | OP | |

HORT 55-093 (CRN 23183) has two Saturday meetings from 10am-2pm in room 806A on: Sept 10 and Oct 21, 2016.

HUMANITIES

HUMN 3 FLM-DRAMA-MUS-VIS ART-LYR POET 3.0 Units

Dramatic literature, the theater including filmic art, an introduction to the experience and appreciation of works of musical and visual art and lyric poetry.

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|-----|-------|----|------------|------|-------|-------------|----|-----|
| Day | 20165 | MW | 12:30-1:45 | 2460 | STAFF | 08/17-12/20 | GR | V01 |
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|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Day | 23045 | TTh | 3:30-5:00 | 105 | STAFF | 08/17-12/20 | OP | V02 |
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HUMN 7 CONTEMPORARY HUMANITIES 3.0 Units

Visual, literary, and/or musical works of art that reflect the issues and concepts of their time. A perspective through exploration of chosen works.

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|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 20647 | TTh | 12:30-1:45 | 505 | STAFF | 08/17-12/20 | OP | V01 |
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HUMN 10 THE AMERICAN STYLE 3.0 Units

Humanities in the United States. Major works of literature, painting, sculpture, architecture, film, music, philosophy, science, religion and political and social institutions. Particular attention to values and meanings that reflect the American cultural experience.

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|-----|-------|-----|-------------|------|---------|-------------|----|-----|
| Day | 20782 | MW | 11:00-12:15 | 2460 | CHIOLIS | 08/17-12/20 | OP | V01 |
| Eve | 20257 | Tue | 4:00-6:50 | 2490 | STAFF | 08/17-12/20 | OP | 093 |

HUMN 28 THE CLASSIC MYTHS 3.0 Units

Introduction to mythic themes recurring in literature, the visual arts, and music; gods, humans, heroes; their origins, variations, historical development, and full expression in classical times and continued presence in the arts.

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| Day | 20256 | MW | 2:00-3:15 | 106 | STAFF | 08/17-12/20 | GR | V01 |
|-----|-------|----|-----------|-----|-------|-------------|----|-----|

HUMN 44 NARRATIVE FILM MUSIC 3.0 Units

An examination of the function of music in cinema. A discovery of the contributions of classical, popular, and folk composers to the art of filmmaking and the influence of film music on the general culture of our time.

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Day | 20597 | TTh | 2:00-3:15 | 2420 | STAFF | 08/17-12/20 | GR | V01 |
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INTERIOR DESIGN

INTD 50 RESIDENTIAL SPACE PLANNING 3.0 Units

Basic techniques in planning space for interiors. Private and group living spaces, support systems, functional planning of interior space, and color in space planning.

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|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Eve | 23154 | Mon | 5:30-7:20 | 802 | STAFF | 08/17-12/20 | OP | 093 |
| Lab | | Mon | 7:30-10:20 | 802 | | 08/17-12/20 | OP | |

INTD 51 DRAFTING FOR INTERIOR DESIGN 3.0 Units

Provides a working knowledge of tools and techniques for interior architectural drafting. Emphasis on lettering, dimensioning floor plans, elevation and sections. Also, covers procedures for developing finished presentational drawings and boards.

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|-----|-------|----|------------|-----|-------|-------------|----|-----|
| Eve | 23155 | Th | 5:30-7:20 | 802 | STAFF | 08/17-12/20 | OP | 093 |
| Lab | | Th | 7:30-10:20 | 802 | | 08/17-12/20 | OP | |

INTD 55 INTRODUCTION TO TEXTILES 3.0 Units

Introduction to textiles in the apparel and home furnishing market. Includes identification, structure, and properties of fibers and yarns. Consideration of fabric design, both structural and decorative, fabric performance, labeling, and legal regulations covering textiles and apparel.

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| Eve | 23156 | Tue | 7:00-9:50 | 802 | STAFF | 08/17-12/20 | OP | 093 |
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INTERNSHIP

INTN 1 INTERNSHIP SEMINAR 1.0 Units

Taken in conjunction with Internship Field Placement, this seminar examines issues related to work and professional development, in the students' chosen course of study (major). The seminar provides the context to reflect on concrete experiences at the internship site, and link these experiences to previously acquired discipline specific, classroom based knowledge.

Corequisite: INTN 2.

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|-----|-------|--------|------------|-----|---------|-------------|----|-----|
| Day | 23175 | By Arr | 1.3 Hrs/Wk | tba | GRAVINO | 08/29-12/20 | OP | LSI |
|-----|-------|--------|------------|-----|---------|-------------|----|-----|

INTN 1-LSI (CRN 23175) is a Late Start course that meets from Aug 29-Dec 20.

INTN 2 INTERNSHIP FIELD PLACEMENT 1.0 Units

Taken in conjunction with the Internship Seminar, the field placement is supervised employment for students who work in a job that is related to their chosen course of study. The placement allows for the application of discipline specific knowledge, skills and abilities gained in the classroom. Units earned are based on hours worked during the semester.

Corequisite: INTN 1.

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| Web | 23176 | ONLINE | | | GRAVINO | 08/29-12/20 | OP | LOI |
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INTN 2-LOI (CRN 23176) is a Late Start online course that meets from Aug 29-Dec 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

ITALIAN

ITLN 1A BEGINNING ITALIAN 5.0 Units

This introductory level course will enable students to begin speaking, reading and writing elementary level Italian as well as understanding the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts. Strongly recommended: Eligibility for ENG 1A.

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|-----|-------|-----|-------------|------|-------|-------------|----|-----|
| Day | 21280 | TTh | 10:00-12:15 | 104 | STAFF | 08/17-12/20 | OP | V01 |
| Eve | 20543 | MW | 6:00-8:15 | 2203 | STAFF | 08/17-12/20 | OP | 093 |

KINESIOLOGY-ADAPTIVE

KIN APA ADAPTED PHYSICAL ACTIVITIES 1.0 Units

This class has been offered to disabled students to participate in a variety of team and dual activities. This class is part of the family of Adapted Kinesiology classes. Students attending this class must have a disability that prevents them from finding success in a regular physical activity class. Each student must provide the instructor with a current medical record and clearance from a doctor in order to participate in class. The class will include many physical activities which will be modified and adapted for participation of people with disabilities. Movement, flexibility and cardiovascular endurance will be used to achieve health and wellness.

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|-----|-------|-----|------------|-------|---------|-------------|----|-----|
| Day | 23191 | TTh | 9:30-10:45 | PE104 | STAEDEL | 08/17-12/20 | OP | V01 |
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KINESIOLOGY-AQUATICS

KIN DVI SPRINGBOARD DIVING 1.0 Units

This course is designed to give students an introduction into the sport of Springboard Diving. Instruction will include 1 meter and 3 meter springboards, and the 5 types of dives (forward, backward, reverse, inward, twisting).

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|-----|-------|-----|-------------|-------|-----------|-------------|----|-----|
| Day | 22165 | TTh | 11:00-12:15 | POOL2 | CRAIGHEAD | 08/17-12/20 | OP | V01 |
|-----|-------|-----|-------------|-------|-----------|-------------|----|-----|



KIN SW1 SWIMMING I 1.0 Units

An introductory course designed to teach basic swimming skills and is designed for non-swimmers who cannot complete one length of the pool (25 yards). Emphasis will be on the physical and psychological adjustment to the water as well as basic swimming stroke technique. Students will also learn aquatics safety methods.

Day 22411 TTh 9:30-10:45 POOLI STAFF 08/17-12/20 OP VOI

KIN SW2 SWIMMING 2 1.0 Units

This is a beginning level course designed to teach fundamental swimming skills. Emphasis will be on developing basic swimming techniques for the freestyle and backstroke, and include an introduction to breaststroke, butterfly, and sidestroke. Students will also learn aquatic safety methods. Strongly recommended: KIN SW1 (completed with a grade of "C" or better).

Day 22412 TTh 9:30-10:45 POOLI STAFF 08/17-12/20 OP VOI

KIN SWF1 SWIMMING FOR FITNESS I 1.0 Units

This course is designed to introduce students to conditioning for swimming. This is a broad level course that will utilize a variety of strokes to increase cardiovascular fitness, as well as introduce the students to different training methodologies. Strongly recommended: KIN SW2.

Day 23200 TTh 12:30-1:45 POOLI STAFF 08/17-12/20 OP VOI

KIN SWF2 SWIMMING FOR FITNESS 2 1.0 Units

This is an intermediate level swim fitness course with an emphasis in sprint training. This course will teach the student about the different aspects of sprint training as they relate to different distances (50 and 100 yards/meters). Instruction will also include sprint training for each of the competitive strokes (backstroke, breaststroke, and butterfly).

Day 23201 TTh 12:30-1:45 POOLI STAFF 08/17-12/20 OP VOI

KIN SWF3 SWIMMING FOR FITNESS 3 1.0 Units

This is an intermediate level swim fitness course with an emphasis in middle distance training. This course will teach the student about the different aspects of middle distance training for freestyle as they relate to specific race distances: 200, 400, and 500. Instruction will also focus on the 200 & 400 Individual Medley and the 200's of the strokes (backstroke, breaststroke, and butterfly).

Day 23202 TTh 12:30-1:45 POOLI STAFF 08/17-12/20 OP VOI

KINESIOLOGY - COMBATIVES

KIN DRJ1 DANZAN RYU JUJITSU I 1.0 Units

An introductory course of the martial art system of Danzan Ryu Jujitsu, a hybrid of Japanese Jujitsu, Judo, and Kenpo, and the Hawaiian art of Lua. Techniques are not strength based and primarily involve the use of joint and nerve manipulation, precision striking, and throwing to subdue an attacker. The course will focus on history, basic movement, beginning level escapes, throws, and strikes, and how to receive techniques safely.

Day 22652 TTh 2:00-3:15 PE213 KUTIL 08/17-12/20 OP VOI

KIN DRJ2 DANZAN RYU JUJITSU 2 1.0 Units

A semi-intermediate course of the martial art system of Danzan Ryu Jujitsu. Course will focus on history of techniques, application of proper breathing, beginning level holds, intermediate sweeps and trips, basic hip throws, basic striking combinations, and how to receive semi-intermediate level throws and holds safely.

Day 23194 TTh 2:00-3:15 PE213 KUTIL 08/17-12/20 OP VOI

KIN TK1 TAE KWON DO I 1.0 Units

A beginning level self-defense course designed to teach fundamental techniques of Taekwondo. Developing basic techniques in kicking, punching and sparring, the course will introduce concepts of fitness and cardio-respiratory conditioning achieved through participating in Taekwondo. This course is structured as a martial arts class.

Day 22413 MW 11:00-12:15 PE213 STAFF 08/17-12/20 OP VOI

KIN TK2 TAE KWON DO 2 1.0 Units

Designed to reinforce and build on the many principles of the Korean martial art Tae Kwon Do from Tae Kwon Do 1. Developing intermediate techniques in kicking, punching and sparring; course will reinforce concepts of fitness and cardio-respiratory conditioning achieved through participating in Taekwondo. Students develop intermediate self-defense techniques developed from Taekwondo skills. This course is structured as a continuation from TK 1.

Day 22149 MW 11:00-12:15 PE213 STAFF 08/17-12/20 OP VOI

KINESIOLOGY - DANCE

KIN ID INTRODUCTION TO DANCE 1.0 Units

Introduction to the distinct movements and techniques characteristic of ballet, modern dance, and jazz dance.

Day 21363 TTh 9:30-10:45 PE102 STAFF 08/17-12/20 OP VOI

KINESIOLOGY - FITNESS

KIN BX BOX AEROBICS 1.0 Units

Course is designed to give the student an opportunity to experience a combination of martial arts and aerobic exercise for the benefit of physical fitness. Exercises will include jumping rope, push-ups, abdominal work, cardiovascular exercise, strength training and toning exercises, box aerobics drills and stretching.

Day 23192 TTh 12:30-1:45 PE 102 STAFF 08/17-12/20 OP VOI

REMINDER: All registration notices, Financial Aid and general College information will be sent to your "ZONEmail Account". Check it regularly!!

KIN CYCL1 CYCLING CONDITIONING I 1.0 Units

This course is an introduction to Physical Fitness through indoor cycling. The cycling program is an individually paced, noncompetitive, group training program designed for all riders and all fitness levels. Cycling is an exercise performed on a stationary bicycle and is performed to music. The course is open to anyone who is interested in developing muscular endurance, improved cardio-respiratory endurance and body composition.

Day 23193 TTh 9:30-10:45 PE143 STAFF 08/17-12/20 OP V01

KIN DBS DANCE AEROBICS/BODY SCULPTING 1.0 Units

A combination of energizing aerobic dance and specific resistance training. Improves cardio-respiratory endurance and tones major muscle groups.

Day 21364 TTh 11:00-12:15 PE102 STAFF 08/17-12/20 OP V01

KIN FSC FIRE SERVICE COND/AGILITY DEV 1.0 Units

This course is an introduction to the components of physical fitness development and conditioning, with an emphasis in preparing students for the physical agility performance and testing standards required of Emergency First Responder Candidates entering into Police of Fire Academies. Students will be presented instruction on proper warm-up and stretching techniques, how to maintain and develop the components of fitness through increased muscular strength and muscular endurance, cardiovascular endurance and recovery, and increased flexibility and balance. Students will be introduced to Circuit Training and will also receive skills instruction on various testing parameters of the Nationally approved and recognized Certified Physical Agility Test (CPAT). Students will additionally receive instruction on various Tools of the Trade (i.e., Ladders, Fire Hose, SCBA) for developing proper skills in handling, lifting and carrying techniques as well as developing cardio-respiratory control and aerobic conditioning while wearing a Self Contained Breathing Apparatus (SCBA) under conditions of physical exertion.

Eve 21365 Mon 4:30-7:20 801 STAFF 08/17-12/20 OP 093

KIN FSC-093 (CRN 21365) will meet for one four-hour Saturday meeting TBA.

KIN FW1 FITNESS WALKING I 1.0 Units

This course is an introduction to a cardiovascular activity that will benefit anyone, regardless of age or fitness level. Individualized walking programs are designed to promote general overall fitness. Walking skills will be improved through the practice of effective and technically correct movement patterns.

Day 22146 MW 8:00-9:15 TRACK STAFF 08/17-12/20 OP V02

KIN FW2 FITNESS WALKING 2 1.0 Units

This is an intermediate level course in fitness walking. All activity will be directed to increase endurance and speed. It is expected that each student will establish a consistent and dedicated workout program.

Day 22651 MW 8:00-9:15 TRACK STAFF 08/17-12/20 OP V02

KIN GBW GUTS AND BUTTS WORKOUT 1.0 Units

This course will focus on improving muscle strength and endurance of the abdominals, gluteals, quadriceps, and hamstrings. Functional exercises such as squats, lunges and planks will be utilized.

Day 22410 MW 9:30-10:45 PE102 STAFF 08/17-12/20 OP V01

KIN PF PERSONAL FITNESS 1.0 Units

An independent, self paced, personal activity program planned and implemented in conjunction with student goals. Based on goals and results of a fitness assessment and health risk appraisal, an individualized program is developed through personal counseling. Programs can include a physical assessment profile, a health risk appraisal, an individualized exercise/activity program, nutrition counseling, health/wellness education, and behavior modification. The student is required to meet with the instructor on campus at the beginning and end of the semester. This is a hybrid class in which the students are assessed and there is a lecture component in the beginning of the class. At the end of the term the students will be reassessed and there will be individual instruction, handouts and another face-to-face lecture.

Web 21683 ONLINE/HYBRID STAFF 08/17-12/20 OP HD1

KIN-PF-HD1 (CRN 21683) is a hybrid course. All meetings will be online, EXCEPT on the following dates when students will meet on campus in Room PE 104 for a pre-assessment and orientation; either Wednesday, Aug. 17 from 6-7pm or Thursday, Aug. 18 from 6-7pm. Post-fitness assessment will be held on campus Monday, Dec. 19 from 6-7pm in Room PE 104. Students must log into Blackboard on Wednesday August 17 for directions and to check in with the instructor online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 22348 ONLINE/HYBRID STAFF 08/17-12/20 OP HD2

KIN-PF-HD2 (CRN 22348) is a hybrid course. All meetings will be online, EXCEPT on the following dates when students will meet on campus in Room PE 104 for a pre-assessment and orientation; either Wednesday, Aug. 17 from 5-6pm or Thursday, Aug. 18 from 5-6pm. Post-fitness assessment will be held on campus Tuesday, Dec. 20 from 5-6pm in Room PE 104. Students must log into Blackboard on Wednesday, August 17 for directions and to check in with the instructor online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

KIN PL1 PILATES I 1.0 Units

This course is an introduction to the Pilates Method of body conditioning. This course presents a system that helps build flexibility and long lean muscles as well as strength and endurance in the legs, abdominals, arms, hips and back. Strong emphasis is placed on spinal and pelvic alignment.

Day 22148 MW 12:30-1:45 PE213 STAFF 08/17-12/20 OP V01

Eve 22147 TTh 5:30-6:45 PE213 STAFF 08/17-12/20 OP 093

KIN PL2 PILATES 2 1.0 Units

Continued study of the Pilates Method of body conditioning. Defined as "complete coordination of the body, mind, and spirit", the Pilates exercises focus on developing the core stabilizing muscles of the abdomen, or powerhouse. Using the principles of Pilates as a base, this class offers variations to traditional exercises as well as adding props to increase difficulty. Strongly recommended: KIN PM.

Day 22653 MW 12:30-1:45 PE213 STAFF 08/17-12/20 OP V01

Eve 22654 TTh 5:30-6:45 PE213 STAFF 08/17-12/20 OP 093

KIN WT1 WEIGHT TRAINING I 1.0 Units

This course provides an introduction to weight training. Students will learn how to improve muscle strength and muscle endurance through the correct application of basic weight training principles.

Day 22415 MW 9:30-10:45 PE202 STAFF 08/17-12/20 OP V01

Day 22416 TTh 9:30-10:45 PE202 STAFF 08/17-12/20 OP V03

Day 22417 TTh 12:30-1:45 PE202 STAFF 08/17-12/20 OP V04

Day 22418 TTh 2:00-3:15 PE202 STAFF 08/17-12/20 OP V05

Day 22719 MW 12:30-1:45 PE202 STAFF 08/17-12/20 OP V06

Eve 22408 MW 5:30-6:45 PE202 STAFF 08/17-12/20 OP 093

Courses, dates, and times are subject to change. Please check the college website at www.laspositascollege.edu for the most up-to-date information regarding Fall course offerings.

KIN WT2 WEIGHT TRAINING 2 1.0 Units

This is an intermediate level course. Students will learn how to improve muscle strength and muscle endurance through the correct application of intermediate level weight training principles.

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| Day | 22151 | MW | 9:30-10:45 | PE202 | STAFF | 08/17-12/20 | OP | V01 |
| Day | 22152 | TTh | 9:30-10:45 | PE202 | STAFF | 08/17-12/20 | OP | V03 |
| Day | 22153 | TTh | 12:30-1:45 | PE202 | STAFF | 08/17-12/20 | OP | V04 |
| Day | 22154 | TTh | 2:00-3:15 | PE202 | STAFF | 08/17-12/20 | OP | V05 |
| Day | 22720 | MW | 12:30-1:45 | PE202 | STAFF | 08/17-12/20 | OP | V06 |
| Eve | 22155 | MW | 5:30-6:45 | PE202 | STAFF | 08/17-12/20 | OP | 093 |

KIN WTW2 WOMENS CIRCUIT TRAINING 1.0 Units

This course will present the basic tenets of Circuit Training. The Circuits to be introduced are Power Circuits, Strength Circuits and Cardio-Resistance Circuits. The Course will include basic muscle anatomy & anatomical movement terminology as it relates to weight training, instruction on use of equipment and safety guidelines, physiological changes in aerobic capacity and body composition secondary to the circuits, and pre/post physical fitness assessments to establish a baseline for current level of conditioning and improvement made over the course of the semester. Strongly Recommended: KIN WTW (completed with a grade of "C" or higher).

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|-----|-------|----|-------------|-------|-------|-------------|----|-----|
| Day | 22664 | MW | 11:00-12:15 | PE203 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|----|-------------|-------|-------|-------------|----|-----|

KIN YO1 YOGA I 1.0 Units

This is an introductory course exploring the principles of Hatha Yoga and how they apply to achieving lifetime fitness. Emphasis is on developing awareness of body alignment, balance, and flexibility through a series of exercises and poses. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course.

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|-----|-------|-----|------------|-------|-------|-------------|----|-----|
| Day | 22866 | TTh | 8:00-9:15 | PE213 | STAFF | 08/17-12/20 | OP | V01 |
| Day | 22867 | TTh | 12:30-1:45 | PE213 | STAFF | 08/17-12/20 | OP | V02 |
| Day | 22868 | MW | 7:30-8:45 | PE213 | STAFF | 08/17-12/20 | OP | V03 |
| Day | 22869 | MW | 2:00-3:15 | PE213 | STAFF | 08/17-12/20 | OP | V04 |
| Day | 22870 | Fri | 9:30-10:45 | PE213 | STAFF | 08/17-12/20 | OP | V05 |
| Eve | 22871 | MW | 5:30-6:45 | PE213 | STAFF | 08/17-12/20 | OP | 093 |

KIN YO2 YOGA 2 1.0 Units

This is an intermediate Hatha Yoga course that emphasizes intense stretching, balancing, and building of muscular strength. A series of poses and breathing techniques will be practiced in order to create a more strenuous yoga experience. Emphasis will be on the principles of healthy living, along with proper posture, relaxation and meditation techniques.

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|-----|-------|-----|------------|-------|-------|-------------|----|-----|
| Day | 22157 | TTh | 8:00-9:15 | PE213 | STAFF | 08/17-12/20 | OP | V01 |
| Day | 22158 | TTh | 12:30-1:45 | PE213 | STAFF | 08/17-12/20 | OP | V02 |
| Day | 22159 | MW | 7:30-8:45 | PE213 | STAFF | 08/17-12/20 | OP | V03 |
| Day | 22160 | MW | 2:00-3:15 | PE213 | STAFF | 08/17-12/20 | OP | V04 |
| Day | 22161 | Fri | 9:30-10:45 | PE213 | STAFF | 08/17-12/20 | OP | V05 |
| Eve | 22162 | MW | 5:30-6:45 | PE213 | STAFF | 08/17-12/20 | OP | 093 |

KIN ZUM1 ZUMBA FITNESS WORKOUT I 1.0 Units

Zumba is a Latin-inspired, dance-fitness workout class that incorporates Latin American inspired music, along with jazz, hip hop, pop, country and African inspired international music. Zumba workouts will use choreographed steps and movements to form a fitness based calorie burning dance workout.

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|-----|-------|----|------------|-------|-------|-------------|----|-----|
| Day | 23196 | MW | 12:30-1:45 | PE102 | STAFF | 08/17-12/20 | OP | V01 |
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KINESIOLOGY - INDIVIDUAL SPORTS -

KIN BD1 BADMINTON I 1.0 Units

Introduction to the fundamental techniques of badminton (for example, the forehand and backhand serve, service return, and lob shots). Course will also include grip, footwork, rules, equipment and court dimensions.

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|-----|-------|----|------------|-------|-------|-------------|----|-----|
| Day | 22144 | MW | 9:30-10:45 | PE101 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|-------|-------|-------------|----|-----|

KIN BD2 BADMINTON 2 1.0 Units

The techniques of badminton for the intermediate player will be reviewed and performed. This course will also incorporate match analysis for singles and doubles play.

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|-----|-------|----|------------|-------|-------|-------------|----|-----|
| Day | 22145 | MW | 9:30-10:45 | PE101 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|-------|-------|-------------|----|-----|

KIN FNI FENCING I 1.0 Units

This course is an introduction to foil. Emphasis is on the technical and tactical skills unique to foil fencing. Basic skills include the development of correct footwork, precise blade action, and sound tactical decisions.

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|-----|-------|-----|-----------|-------|-------|-------------|----|-----|
| Day | 22163 | TTh | 2:00-3:15 | PE102 | STAFF | 08/17-12/20 | OP | V01 |
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Students must provide their own equipment.

KIN GFI GOLF I 1.0 Units

This is an introductory course to the sport of golf. The course will include the rules, regulations and etiquette of golf, the fundamental swing skills for the long and short game and appropriate club selection. Beg-Intermediate and Intermediate players can benefit from the basic instruction to improve their skill set through the art of practice on the range. The course will be offered at a local golf range and student will be charged a minimal fee for bucket of balls to be used.

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|-----|-------|----|-------------|-----|-------|-------------|----|-----|
| Day | 23211 | MW | 11:00-12:15 | tba | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|----|-------------|-----|-------|-------------|----|-----|

KIN GFI-V01 (CRN 23211) meets at the Tri-Valley Golf Center (1780 Friesman Road, Livermore, CA). Students enrolled in Golf will be assessed an additional \$50, \$100, or \$200 bucket of ball choices, payable to the facility, at the first class meeting.

KINESIOLOGY - INTERCOLLEGIATE ATHLETICS -



KIN 31A PRE-SEA CON INTERCOL BSKBL MEN 1.0 Units

Daily practice will take place which will include training students to perform at the intercollegiate competitive level for the Coast

Conference basketball League of Northern California. This class prepares the student athlete for intercollegiate competition in the competitive sport of basketball. Students must meet California Community College eligibility requirements as established by the California Commission on Athletics.

Day 21725 MTWTh 3:00-4:50 PE101 GIACOMAZZI 08/17-09/29 GR V01

KIN 31B FALL INTERCOLLEG BASKETBL MEN 1.0 Units
Training for intercollegiate competition. Daily practice. Fall semester.

Day 22142 Daily 3:00-4:50 PE101 GIACOMAZZI 10/10-12/20 GR LSI

Students athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116). In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

KIN 36 INTERCOLLEGIATE CROSS COUNTRY 2.0 Units

Daily practice will take place which will include training students to perform at the intercollegiate competitive level for the Coast Conference Cross Country League of Northern California. This class prepares the student athlete for the intercollegiate competition in the competitive sport of Cross Country. Students must meet California Community College eligibility requirements as established by the California Commission on Athletics.

Day 21366 Daily 6:00-7:50 TRACK NAVARRO 08/17-12/20 GR V01

Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116). In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

KIN 38 INTERCOLLEGIATE SOCCER 2.0 Units

Daily practice will take place which will include training students to perform at the intercollegiate level for the Coast Conference Soccer League of Northern California. This class prepares the student athlete for intercollegiate competition in the competitive sport of soccer. Students must meet California Community College eligibility requirements as established by the California Commission on Athletics.

Day 22167 Daily 3:00-4:50 SYNTH STAFF 08/17-12/20 OP V01

Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116). In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

KIN 41A PRE-CONDITION.INT.BSKTBL-WOMEN 1.0 Units

PRE-SEASON CONDITIONING FOR INTERCOLLEGIATE BASKETBALL (WOMEN) This course is designed to provide the student with an opportunity to develop the skills and physical conditioning, along with the understanding of basketball at the of basketball at the advanced level in preparation for intercollegiate competition. Skills such as dribbling, passing, shooting, defensive and offensive strategies will be presented and practiced. Team play and sportsmanship are important priorities that are emphasized in this class. Fall semester.

Day 22143 MTWTh 1:00-2:40 PE101 MORGAN 08/17-09/30 GR V01



KIN 41B INTERCOLLEGIATE BSKTBL-WOMEN 1.5 Units

Training for intercollegiate competition. Daily practice. Fall semester.

Day 21700 Daily 1:00-2:50 PE101 MORGAN 10/03-12/20 GR LEI

Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116). In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

KIN 48B INTERCOLLEGIATE:WOMENS SOCCER 2.0 Units

Daily practice will take place which will include training students to perform at the intercollegiate competitive level for the Coast Conference Soccer League of Northern California. This class prepares the student athlete for intercollegiate competition in the competitive sport of soccer. Students must meet California Community College eligibility requirements as established by the California Commission on Athletics.

Day 21701 Daily 1:00-2:50 SYNTH SAPSFORD 08/17-12/20 GR V01

Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116). In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

KIN 51 PRE-SEASON TRAINING-SWIM & DIV 1.0 Units

This course is designed to give student-athletes participating in intercollegiate swimming and diving the opportunity to enhance fitness levels and skills prior to competition season. Course content will include technique, aerobic conditioning, race specific training, and dryland/weight training.

Day 22164 TTh 11:00-12:15 POOL1 CRAIGHEAD 08/17-12/20 OP V01

KIN 60 INTERCOLLEG.WATER POLO-MEN'S 3.0 Units

This course is for Intercollegiate Men's Water Polo competition conducted through the NCAA and CCCAA. Defensive and offensive strategies, swimming mechanics, and water polo ball skills appropriate to intercollegiate athletic competition will be expected of the participants. This course may be taken four times for credit. Strongly Recommended: KIN SW3 (completed with a grade of "C" or higher).

Day 22665 Daily 2:00-4:00 POOL1 ARROYO 08/17-12/20 OP V01

Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116). In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

KIN 65 INTERCOLL. WATER POLO-WOMEN'S 3.0 Units

This course is for Intercollegiate Women's Water Polo competition conducted through the NCAA and CCCAA. Defensive and offensive strategies, swimming mechanics, and water polo ball skills appropriate to intercollegiate athletic competition will be expected of the participants. This course may be taken four times for credit. Strongly Recommended: KIN SW3 and KIN WP2 (completed with a grade of "C" or higher).

Day 22667 Daily 12:30-2:30 POOL2 ROSE 08/17-12/20 OP V01

Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116). In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

KINESIOLOGY - TEAM SPORTS -

KIN BK BASKETBALL 1.0 Units

This multi-level course is designed to provide the student with an opportunity to development the basic skills and understanding of basketball. Skills such as dribbling, passing, shooting, defensive and offensive strategies will be presented and practiced. Team play and sportsmanship are important priorities that are emphasized in this class.

Day 21367 MW 11:00-12:15 PE101 STAFF 08/17-12/20 OP V01

Day 21368 TTh 11:00-12:15 PE101 STAFF 08/17-12/20 OP V02

KIN BKP BASKETBALL ADVANCED PLAY 1.0 Units

This course is designed to provide the student with an opportunity to develop the skills and understanding of basketball at the advanced level. Skills such as dribbling, passing, shooting, defensive and offensive strategies will be presented and practiced. Team play and sportsmanship are important priorities that are emphasized in this class. Strongly recommended: PE BK Basketball.

Day 21704 MW 11:00-12:15 PE101 STAFF 08/17-12/20 OP V01

Day 21705 TTh 11:00-12:15 PE101 STAFF 08/17-12/20 OP V02

KIN FL1 FLAG FOOTBALL I 1.0 Units

This is an introductory course designed to give the student an opportunity to review and practice the basic fundamental skills relative to the game of flag football.

Day 22409 MW 11:00-12:15 SYNTH STAFF 08/17-12/20 OP V01

KIN FL2 FLAG FOOTBALL 2 1.0 Units

This is an intermediate course designed to teach students the principles of short-field flag football. Instruction will include: rules, regulations, and concepts of play for 4-on-4 and 5-on-5 flag football.

Day 23195 MW 11:00-12:15 SYNTH STAFF 08/17-12/20 OP V01

KIN FL3 FLAG FOOTBALL 3 1.0 Units

This is an intermediate/advanced course designed to teach students the principles of long-field flag football. Instruction will include: rules, regulations, and concepts of play for 7-on-7 and 8-on-8 flag football.

Day 22718 MW 11:00-12:15 SYNTH STAFF 08/17-12/20 OP V01

KIN SCI SOCCER OUTDOOR 1.0 Units

Students will practice the skills of kicking, passing, trapping and heading necessary for controlled field soccer play. Students will discuss and employ basic offensive and defensive strategies and tactics; and put into practice the rules governing soccer.

Day 23198 Wed 5:30-8:20 SYNTH STAFF 08/17-12/20 OP V01

KIN SC2 OUTDOOR SOCCER 1.0 Units

Students will practice higher level of soccer skills such as kicking, dribbling, passing, trapping, heading and controlling the ball at all times; a higher level of offensive and defensive strategies will be explored and put into practice the governing rules of outdoor soccer play.

Day 23199 Wed 5:30-8:20 SYNTH STAFF 08/17-12/20 OP V01

KIN SI SOCCER-INDOOR 1.0 Units

Students will practice the skills of kicking, passing, trapping and heading necessary for controlled indoor soccer play; discuss and employ basic offensive and defensive strategies and tactics; and put into practice the rules governing indoor soccer play.

Eve 21369 Mon 5:30-8:20 PE101 STAFF 08/17-12/20 OP 093

KIN UF1 ULTIMATE FRISBEE I 1.0 Units

This is an introductory course designed to teach students basic skills of ultimate frisbee and "spirit of the game." Instruction will include learning basic throws, catches, offensive and defensive strategies, and rules of the game.

Eve 22655 Mon 6:00-8:50 SYNTH STAFF 08/17-12/20 OP 093

KIN UF2 ULTIMATE FRISBEE 2 1.0 Units

This is a beginning/intermediate level course designed to enhance skills that pertain to the sport of ultimate frisbee. Instruction will include throwing, catching, pivoting, and an introduction to offensive and defensive strategies.

Eve 22150 Mon 6:00-8:50 SYNTH STAFF 08/17-12/20 OP 093

KIN UF3 ULTIMATE FRISBEE 3 1.0 Units

This is an advanced level course designed to master the skills necessary to compete in the sport of ultimate frisbee. Instruction will include increasing throwing distance and accuracy, offensive and defensive strategies, and aerobic conditioning.

Eve 23203 Mon 6:00-8:50 SYNTH STAFF 08/17-12/20 OP 093

KIN VB1 VOLLEYBALL BEGINNING 1.0 Units

Provides instruction on the individual and team skills and strategies of volleyball.

Day 22414 TTh 9:30-10:45 PE101 STAFF 08/17-12/20 OP V01



| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
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KIN VB2 VOLLEYBALL INTERMEDIATE 1.0 Units

This is a course designed and developed for the intermediate level volleyball player. It is a continuation of beginning volleyball with an emphasis in executing the fundamental skills and techniques of power volleyball at a higher level. This course differs from beginning volleyball in that set patterns and systems of offense and defense are used in a team strategy. BEFORE ENROLLING student should have proficiency in the skills of passing and setting.

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|-----|-------|-----|------------|-------|-------|-------------|----|-----|
| Day | 22166 | TTh | 9:30-10:45 | PE101 | STAFF | 08/17-12/20 | OP | V01 |
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KINESIOLOGY - THEORY -

KIN 5 SPORTS MANAGEMENT 3.0 Units

This course consists of how to organize, manage, plan, staff, direct, and control a sports program. The course also includes such areas as Title IX, budget, facilities management, sports law, scheduling, officials, sports marketing, transportation, public relations, parent and booster clubs, purchase and care of athletic equipment, fund raising. In addition, this course will provide an overview of the many careers available in the sports management industry.

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|-----|-------|-----|------------|-------|-------|-------------|----|-----|
| Day | 23190 | TTh | 9:30-10:45 | PE209 | STAFF | 08/17-12/20 | OP | V01 |
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KIN 15 FIRST AID AND SAFETY 1.5 Units

This course has been designed to help you acquire the knowledge and skills you will need to effectively respond to emergency situations. Topics include: recognition and treatment for cardiac and respiratory emergencies, first aid for bleeding, shock, burns, poisoning, stroke, and various injuries. American Red Cross Standard First Aid and Community CPR/AED certificates issued upon successful completion of Red Cross requirements.

Students enrolled in KIN 15 will be assessed an additional materials fee of \$27.

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|-----|-------|--------|------------|-------|-------|-------------|----|-----|
| Day | 21694 | Tue | 12:30-1:45 | PE212 | STAFF | 08/17-11/03 | OP | V01 |
| | | Lab Th | 12:30-2:20 | PE212 | | 08/17-11/03 | OP | |

KIN 16 THE SUCCESSFUL STUDENT-ATHLETE 1.0 Units

This course is designed to assist the student-athlete in developing realistic expectations and goals of college, explore academic programs, and understand what is necessary to succeed in college while competing in an intercollegiate sport. The rules and regulations of the Commission on Athletics (COA), National Collegiate Athletic Association (NCAA), and the National Association of Intercollegiate Athletics (NAIA) will be defined and explored to bring awareness to the student-athlete regarding eligibility and transferring to a four-year institution.

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|-----|-------|-----|-----------|-------|-------|-------------|----|-----|
| Eve | 21372 | Mon | 5:00-6:50 | PE212 | STAFF | 08/29-10/10 | GR | LE1 |
|-----|-------|-----|-----------|-------|-------|-------------|----|-----|

KIN 16-LE1 (CRN 21372) is a Late Start course that meets from Aug 29-Oct 10.

KIN 17 INTRO ATHLETIC TRNG/SPORTS MED 4.0 Units

Basic taping skills, introduction to modality usage, and basic rehabilitation principles of athletic training. Designed to be preparatory for further education and a career in Athletic Training and/or other Sports Medicine related fields. May include work with intercollegiate sports programs.

Students enrolled in PE 17 will be assessed an additional materials fee of \$35 for athletic taping supplies at registration.

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|-----|-------|-----|-------------|---------------|-------|-------------|----|-----|
| Day | 21370 | TTh | 11:00-12:15 | PE209 | STAFF | 08/17-12/20 | GR | HY1 |
| | | | | ONLINE/HYBRID | | 08/17-12/20 | GR | |

KIN 17-HY1 (CRN 21370) is a hybrid course. Students will meet on campus Tuesdays and Thursdays from 11am-12:15pm for LAB in Room PE 209/PE104. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

KIN 30 INTRODUCTION TO KINESIOLOGY 3.0 Units

This class is designed to introduce the student to Kinesiology-the science of human movement (and of humans moving). Concepts in the various subfields of Kinesiology are examined and career opportunities in the field of Kinesiology are explored. Due to the interdisciplinary nature of Kinesiology, the field will be covered from a humanities, social science, and life science perspective.

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|-----|-------|----|------------|-----|-------|-------------|----|-----|
| Day | 21371 | MW | 9:30-10:45 | 801 | STAFF | 08/17-12/20 | GR | V01 |
|-----|-------|----|------------|-----|-------|-------------|----|-----|

LEARNING SKILLS

LRNS 116 INTRO TO LEARNING DISABILITIES 1.0 Units

Introduces the definition, characteristics and myths of learning disabilities. The focus will be on how the brain learns, to include information processing, learning styles, memory, retention and retrieval of information, and types and effects of learning related disabilities on academic performance. Practical instruction is provided on learning tools and compensating strategies. Appropriate for anyone experiencing difficulty with academic achievement in any area. This course will be used to screen for appropriateness of assessment for learning disabilities.

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Day | 23220 | Mon | 5:30-7:20 | 1640 | STAFF | 08/17-10/14 | OP | FT1 |
|-----|-------|-----|-----------|------|-------|-------------|----|-----|

LRNS 116-FT1 (CRN 23220) is a Fast Track course that meets from Aug 17-Oct 14.

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|-----|-------|----|------------|------|-------|-------------|-----|-----|
| Day | 20232 | Th | 9:00-10:50 | 1640 | STAFF | 10/17-12/09 | P/N | FT2 |
|-----|-------|----|------------|------|-------|-------------|-----|-----|

LRNS 116-FT2 (CRN 20232) is a Fast Track course that meets from Oct 17-Dec 9.

LRNS 118 LEARNING SKILLS-WRITING 2.0 Units

Provides writing support for students with learning related disabilities who are taking basic skills courses in English. The focus is to remediate gaps in the understanding of grammar and simple and complex sentence structure. Students will be given strategies and practice opportunities to enhance their mastery of the writing process, as is needed for English composition as well as academic essays. The proper use of punctuation, capitalization and the use of assistive technology will be highlighted.

THIS COURSE IS INTENDED TO BE TAKEN IN SUPPORT OF ENGLISH 100A, 104/105, and 1A.

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|-----|-------|----|-------------|------|-------|-------------|----|-----|
| Day | 23180 | MW | 11:00-11:50 | 1640 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|----|-------------|------|-------|-------------|----|-----|

LRNS 119B LEARNING SKILLS PRE-ALGEBRA 2.0 Units

Assists students with learning/reviewing pre-algebra concepts in preparation for success in mainstream algebra classes. This includes gaining confidence with integers, variables, setting up and solving basic linear and proportional equations and using logic to set-up equations for word problems. Also covered is the use of geometric formulae to find the area, perimeter and volume of shapes for practical application and the use of order of operations to simplify arithmetic and algebraic expressions.

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|-----|-------|----|-------------|------|-------|-------------|----|-----|
| Day | 23178 | MW | 10:00-10:50 | 1640 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|----|-------------|------|-------|-------------|----|-----|

LRNS 119C SUCCESS IN ALGEBRA 2.0 Units

Assists students with learning-related disabilities with developing the critical thinking and math reasoning skills necessary to succeed in higher level math courses at the college level. Issues with math anxiety will be discussed. Emphasis will be on developing math study strategies as well as direct instruction to support students in pre-algebra and elementary algebra courses.

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|-----|-------|----|------------|------|-------|-------------|----|-----|
| Day | 23179 | Th | 12:00-1:50 | 1640 | STAFF | 08/17-12/20 | OP | V01 |
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LPC MOBILE APP AVAILABLE

Please download the New Ellucian GO "Free" Mobile App at http://www.clpccd.org/tech/Luminis/ellucian_go_web.pdf

LIBRARY SKILLS

LIBR 4 INTRO TO RESEARCH IN LIBRARY 0.5 Units

Introduction to basic research techniques in a college library: print and audiovisual materials. Focus on use of the library catalog, catalog search strategies, organization of materials in the library including reference, faculty reserves, circulating books, audiovisuals, use of reference materials, evaluation of relevant resources, recognition of plagiarism, and bibliographic citation of books, audiovisuals, and print magazines and journals.

Day 22436 Fri 10:00-12:50 2003 INZERILLA 08/19-09/02 P/N LSI
LIBR 4-V01 (CRN 22436) meets three Fridays: Aug 19, Aug 26, and Sept 2 in room 2003.

LIBR 5 INTRO TO GEN RESEARCH DATABASE 0.5 Units

Introduction to research techniques in a college library: electronic resources found in general research databases. Focus on campus and remote use of multi-disciplinary research databases, search strategies, distinction between scholarly journals and popular magazines, evaluation of relevant resources, recognition of plagiarism, and bibliographic citation of articles from magazine, journal, and newspaper databases.

Day 21374 Fri 10:00-12:50 2003 RIPPEL 09/09-09/23 P/N LSI
LIBR 5-V01 (CRN 21374) meets three Fridays: Sept 9, Sept 16 and Sept 23 in room 2003.

LIBR 8 INTRO TO LIBRARY RESEARCH 2.0 Units

Introduction to research techniques using college library resources. Teaches the skills needed to successfully find, evaluate, and document information in print, electronic, and Internet formats. Covers plagiarism, the ethical and legal aspects of information use, and the critical thinking skills necessary for successful college research.

Web 20921 ONLINE/HYBRID STAFF 09/20-11/29 OP LDI
LIBR 8-LDI (CRN 20921) is a Late Start hybrid course that meets from Sept 20-Nov 29. Students will meet on campus from 6pm-7:30pm in room 2003 on the following Tuesdays: Sept. 20, Sept. 27, Oct. 18, Nov. 22, and Nov. 29. The remainder of the work will be done online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

MARKETING

MKTG 50 INTRODUCTION TO MARKETING 3.0 Units

Introduction to marketing principles, concepts and methods as an evolving process that creates and delivers value; focus on the evolution of the marketing system; market research; research on the demographic and behavioral dimensions of markets; internal and external variables in designing a marketing program; analysis of marketing strategies and the impact of the external business environment on marketing mix decisions. Strongly recommended: ENG 1A.

Day 20187 MW 9:30-10:45 PE209 STOKKE 08/17-12/20 OP V01

Eve 21407 Tue 6:00-8:50 2205 STOKKE 08/17-12/20 OP 093

Web 20875 ONLINE GROOMS 08/17-12/20 OP DEI

MKTG 50-DEI (CRN 20875) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

MKTG 64 INTRODUCTION TO ADVERTISING 3.0 Units

This course examines the major components of modern advertising and promotion including a survey of the major groups of advertising media. Key areas explored include the social and economic role of advertising controls over advertising, planning of the media campaign, and the role of research, media planning, advertising strategy and integration with other elements of the marketing mix. 3 hours. Strongly recommended: Marketing 50.

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| Eve | 23181 | Mon | 6:00-8:50 | 2490 | LAUFFER | 09/12-12/20 | OP | LHI |
| | | | ONLINE/HYBRID | | | 09/12-12/20 | OP | |

MKTG 64-LHI (CRN 23181) is a Late Start hybrid course that meets from Sept 12-Dec 20. Students will meet on campus on Mondays from 6:00-8:50pm. The remainder of the work will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

MASS COMMUNICATIONS

MSCM 5 INTRO TO MASS COMMUNICATIONS 3.0 Units

Survey of mass communication and the interrelationships of media with society, including history, structure, and trends in a digital age. Discussion of theories and effects, economics, technology, law and ethics, global media, media literacy, and social issues, including gender and cultural diversity. Strongly recommended: Eligibility for ENG 1A.

Day 23046 Fri 9:30-12:20 103 THOMPSON 08/17-12/20 OP V01

MSCM 7 INTRO TO PUBLIC RELATIONS 3.0 Units

Introduction to the principles, history, development, and professional practice of modern public relations. Includes concepts of planning and executing effective communication strategies, including message design and distribution, for any organization.

Eve 20939 Tue 7:00-9:50 2409 THOMPSON 08/17-12/20 OP 093

MSCM 14 WRITING AND PHOTO PUBLICATION 1.0 Units

Journalism, photojournalism, content development, and production for the college newspaper. 3 hours laboratory. Degree Applicable, Credit

Eve 20651 Lab Wed 7:00-9:50 2409 TSUBOTA 08/17-12/20 OP 093

MSCM 16A EXPRESS COLLEGE NEWSPAPER A 3.0 Units

An applied course in which students practice and refine beginning journalism skills, including recognizing, acquiring, producing, and distributing content for the print and online editions of the student newspaper, the Express. The focus of study is on basic news, feature, and opinion stories. Students are introduced to concepts related to photojournalism, business management, graphic arts, design, social media, and leadership and editing skills. The course includes ethical, practical, and legal issues in journalism. 1 hour lecture, 6 hours lab. Transfer CSU Degree Applicable, Credit. Strongly recommended: Eligibility for ENG 1A.

Day 21749 Lab Mon 1:00-3:50 2409 KORBER 08/17-12/20 OP V01

Wed 1:00-2:20 2409 08/17-12/20 OP

Lab Fri 1:00-1:50 2409 08/17-12/20 OP

MSCM 16B EXPRESS COLLEGE NEWSPAPER B 3.0 Units

An applied course in which students practice and refine intermediate journalism skills, including recognizing, acquiring, producing, and distributing content for the print and online editions of the student newspaper, the Express. Focus is on in-depth news, feature and opinion stories. Students develop intermediate abilities in photojournalism, business management, graphic arts, design, social media, and leadership and editing skills. The course includes ethical, practical, and legal issues in journalism. 1 hour lecture, 6 hours lab. Transfer CSU Degree Applicable, Credit. Strongly recommended: Eligibility for ENG 1A. Prerequisite: MSCM 16A (completed with a grade of "C" or higher).

Day 21750 Lab Mon 1:00-3:50 2409 KORBER 08/17-12/20 OP V01

Lab Wed 1:00-2:20 2409 08/17-12/20 OP

Fri 1:00-1:50 2409 08/17-12/20 OP

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
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MSCM 16C EXPRESS COLLEGE NEWSPAPER C 3.0 Units

An applied course in which students practice and refine advanced journalism skills, including recognizing, acquiring, producing, and distributing content for the print and online editions of the student newspaper, the Express. Focus is on leadership, editing the work of others, improving writing and multimedia skills, and improving the Express. Enhanced leadership role includes outreach to the community and representation as journalist and leader at events. Students develop advanced abilities in writing, photojournalism, business management, graphic arts, design, social media, and leadership and editing skills. Students will produce course includes ethical, practical, and legal issues in journalism. Students should serve in a leadership role.

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|-----|-------|-----|-----------|------|--------|-------------|----|-----|
| Day | 23064 | Mon | 1:00-3:50 | 2409 | KORBER | 08/17-12/20 | OP | V01 |
| | | Wed | 1:00-2:20 | 2409 | | 08/17-12/20 | OP | |
| Lab | | Fri | 1:00-1:50 | 2409 | | 08/17-12/20 | OP | |

MSCM 16D EXPRESS COLLEGE NEWSPAPER 3.0 Units

An applied capstone course in which students practice and refine advanced journalism skills, including recognizing, acquiring, producing, and distributing content for the print and online editions of the student newspaper, the Express. Focus is on completing a portfolio project, exploring career opportunities in the field, leading others, editing the work of others, improving writing and multimedia skills, and improving the Express. Students work to develop advanced abilities in writing, photojournalism, business management, graphic arts, design, social media, leadership, and editing skills. The course includes Student assumes a leadership role and create workshops to benefit other staff members.

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|-----|-------|---------|-----------|------|--------|-------------|----|-----|
| Day | 22631 | Lab Mon | 1:00-3:50 | 2409 | KORBER | 08/17-12/20 | OP | V01 |
| | | Lab Wed | 1:00-2:20 | 2409 | | 08/17-12/20 | OP | |
| | | Fri | 1:00-1:50 | 2409 | | 08/17-12/20 | OP | |

MSCM 17 EXPRESS EDITORIAL BOARD 1.0 Units

The roles and responsibilities of leaders on the college newspaper, the Express. Practical experience participating in editorial board meetings, setting policy for the newspaper, and leading in the decision-making process for issue planning, budgeting, and the development of the newspaper. Enrollment is limited to editors or managers of the Express. Strongly recommended: Eligibility for English 1A. Corequisite: Mass Communications 16.

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|-----|-------|-----|-----------|------|--------|-------------|----|-----|
| Day | 23065 | Fri | 2:00-2:50 | 2409 | KORBER | 08/17-12/20 | OP | V01 |
|-----|-------|-----|-----------|------|--------|-------------|----|-----|

MSCM 32A INTRO TO RADIO PRODUCTION 3.0 Units

History, law, ethics, theory, and practical use of radio technology. Operations procedures and practices in a modern radio broadcast studio. Extended study of various aspects of radio production, including editing and announcing, producing studio-recordings, producing a news or feature interview story, producing pre-recorded newscasts, supporting station operations, preparing content for radio programming, publishing content online, selling ads, establishing a brand identity, producing news, collaborating with other media, creating and maintaining audio streams, podcasts, and direct feed, creating content for a multimedia website, and producing ad spots and promotional posts. 1 hours lecture; 2 hours lab.

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|-----|-------|-----|-----------|------|---------|-------------|----|-----|
| Eve | 22445 | Mon | 2:00-2:50 | 4138 | GALINDO | 08/17-12/20 | OP | 093 |
| Lab | | MW | 3:00-5:50 | 4138 | | 08/17-12/20 | OP | |

MSCM 32B INTERMEDIATE RADIO PRODUCTION 3.0 Units

Intermediate-level procedures and practices in a modern radio broadcast studio. Extended study of various aspects of intermediate-level radio production, including editing and announcing, producing a live newsmagazine interview program, producing pre-recorded newscasts, managing station operations, preparing commercial radio programming, selling ads, establishing a brand identity, producing news, collaborating with other media, creating and maintaining audio streams, podcasts, and direct feed, creating a multimedia news website, and producing ad spots and promotional posts.

Prerequisite: MSCM 32A (completed with a grade of C or higher).

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|-----|-------|-----|-----------|------|---------|-------------|----|-----|
| Eve | 22446 | Mon | 2:00-2:50 | 4138 | GALINDO | 08/17-12/20 | OP | 093 |
| Lab | | MW | 3:00-5:50 | 4138 | | 08/17-12/20 | OP | |

MSCM 34 MAGAZINE EDITING AND PROD 3.0 Units

Creation of a journalistic-style student magazine. Emphasis is placed on developing content, writing in-depth magazine articles, producing photographs and other visual elements, correlating copy and visuals, laying out pages in the production process, copy editing, promoting advertising, managing the business-side of the magazine, and exploring ethical issues. The number of laboratory units will be agreed upon and scheduled by instructor and student based on the student's job description and availability to participate. Strongly Recommended: Eligibility for English 1A or English 52A.

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|-----|-------|-----|-----------|------|--------|-------------|----|-----|
| Day | 20900 | TTh | 1:00-1:50 | 2409 | KORBER | 08/17-12/20 | OP | V01 |
| Lab | | TTh | 1:55-3:15 | 2409 | | 08/17-12/20 | OP | |

MATH

MATH I CALCULUS I 5.0 Units

An introduction to single-variable differential and integral calculus including: functions, limits and continuity; techniques and applications of differentiation and integration; differentiation and integration of trigonometric, exponential and logarithmic functions; the Fundamental Theorem of Calculus; areas and volumes of solids of revolution.

Prerequisite: Mathematics 20 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

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|-----|-------|-----|------------|------|------------|-------------|----|-----|
| Day | 20334 | MWF | 9:30-10:55 | 1873 | DAUBENMIRE | 08/17-12/20 | GR | V01 |
|-----|-------|-----|------------|------|------------|-------------|----|-----|

Math I includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. There is a required TBA requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|-----|-------------|------|--------|-------------|----|-----|
| Day | 20082 | MWF | 11:00-12:25 | 1871 | STAFF | 08/17-12/20 | GR | V02 |
| Eve | 20083 | MW | 5:00-7:15 | 1873 | MORRIS | 08/17-12/20 | GR | 093 |

Courses, dates, and times are subject to change. Please check the college website at www.laspositascollege.edu for the most up-to-date information regarding Fall course offerings.

MATH 2 CALCULUS II

5.0 Units

Continuation of single-variable differential and integral calculus. Topics covered include: inverse and hyperbolic functions; techniques of integration; parametric equations; polar coordinates; sequences, series, power series and Taylor series. Introduction to Cartesian coordinates in three dimensions and operations with vectors. Primarily for mathematics, physical science and engineering majors.

Prerequisite: Mathematics 1 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics placement process.

It is expected that any student enrolling in Math 2 has had a Calculus I course which included an introduction to integration and its application to areas and volumes. This LPC course is taught with late transcendentals.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. There is a required TBA (to be arranged) lab hour attached to this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|-----|-------------|------|----------|-------------|----|-----|
| Day | 20199 | MWF | 11:00-12:25 | 1873 | MAJUMDAR | 08/17-12/20 | GR | V01 |
| Eve | 20335 | MW | 7:30-9:45 | 1873 | STAFF | 08/17-12/20 | GR | 093 |

MATH 3 MULTIVARIABLE CALCULUS

5.0 Units

Vector valued functions, functions of several variables, partial differentiation, multiple integration, change of variables theorem, scalar and vector fields, gradient, divergence, curl, line integral, surface integral, Green's Stokes' and divergence theorem, applications.

Prerequisite: Mathematics 2 (completed with a grade of "C" or higher).

A TI-84 or TI-83 Calculator may be required for this course. Consult with the instructor before buying a calculator for this course.

| | | | | | | | | |
|-----|-------|-----|-------------|------|----------|-------------|----|-----|
| Day | 22447 | MWF | 11:00-12:25 | 503 | PETERSON | 08/17-12/20 | OP | V01 |
| Eve | 20084 | MW | 7:30-9:45 | 1871 | MORRIS | 08/17-12/20 | GR | 093 |

MATH 5 ORDINARY DIFFERENTIAL EQUATION

3.5 Units

Introduction to differential equations including the conditions under which a unique solution exists, techniques for obtaining solutions, and applications. Techniques include generation of series, solutions, use of Laplace Transforms, and the use of eigenvalues to solve linear systems. Generation of exact solutions, approximate solutions, and graphs of solutions using MATLAB.

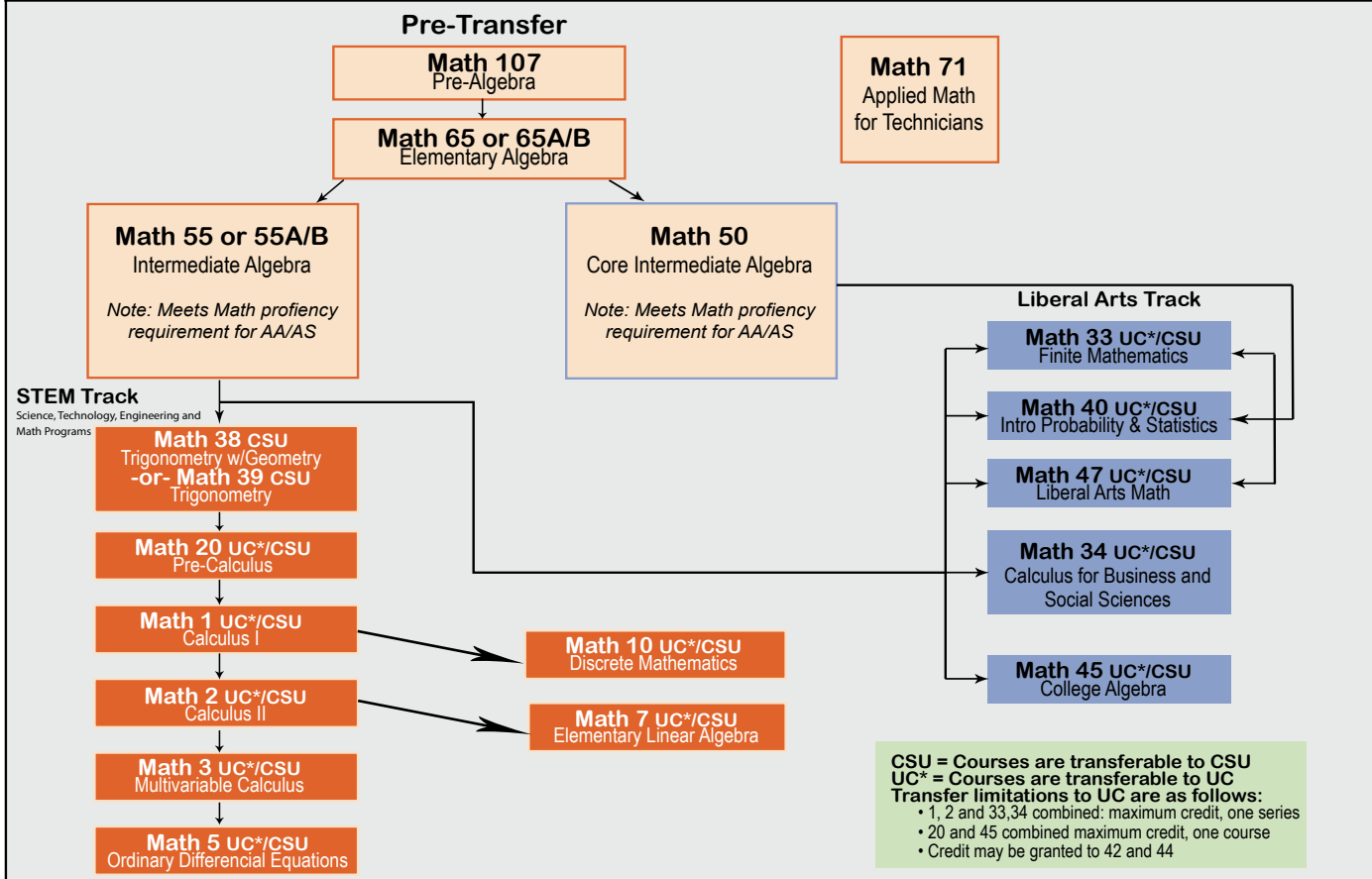
Prerequisite: Mathematics 3 (completed with a grade of "C" or higher).

A TI-84 or TI-83 calculator may be required for this course. Consult with the instructor before buying a calculator for this course.

| | | | | | | | | |
|-----|-------|--------|-------------|------|--------|-------------|----|-----|
| Day | 20410 | Tue | 11:00-12:50 | 2414 | MORRIS | 08/17-12/20 | GR | V01 |
| | | Th | 11:00-11:50 | 2414 | | 08/17-12/20 | GR | |
| | | Lab Th | 12:00-1:15 | 2414 | | 08/17-12/20 | GR | |

FALL 2016

Las Positas College
Math Prerequisite Chart



MATH 7 ELEMENTARY LINEAR ALGEBRA 3.5 Units

An introduction to linear algebra including: techniques and theory needed to solve and classify systems of linear equations using Gaussian elimination and matrix algebra; properties of vectors in n-dimensions; generalized vector spaces, inner product spaces, basis, norms, orthogonality; eigenvalues, eigenspaces; and linear transformations. Selected applications of linear algebra, including the use of MATLAB to solve problems involving advanced numerical computation.

Prerequisite: Mathematics 2 (completed with a grade of "C" or higher).

A TI-84 or TI-83 Calculator may be required for this course. Consult with the instructor before buying a calculator for this course.

| | | | | | | | | |
|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Eve | 20412 | Tue | 5:00-6:50 | 502 | STAFF | 08/17-12/20 | GR | 093 |
| | | Th | 5:00-5:50 | 502 | | 08/17-12/20 | GR | |
| Lab | | Th | 6:00-7:15 | 502 | | 08/17-12/20 | GR | |

MATH 20 PRE-CALCULUS MATHEMATICS 5.0 Units

Rational and polynomial functions with emphasis on logical development and graphing. Solution of polynomial equations and inequalities, graphing conic sections, mathematical induction, binomial theorem; strengthening of skills in working with exponential, logarithmic, and trigonometric functions, equations, graphs, and applications.

Prerequisites: Mathematics 38 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|-----|-----------|------------|----------|-------------|----|-----|
| Day | 20085 | MWF | 8:00-9:25 | 1873 | MAJUMDAR | 08/17-12/20 | GR | V01 |
| | | Lab | By Arr | 1.0 Hrs/Wk | 600 | 08/17-12/20 | GR | |
| Day | 20634 | TTh | 1:30-3:45 | 1871 | SINGH | 08/17-12/20 | GR | V02 |
| | | Lab | By Arr | 1.0 Hrs/Wk | 600 | 08/17-12/20 | GR | |
| Eve | 20219 | MW | 7:30-9:45 | 1874 | KUTIL | 08/17-12/20 | GR | 093 |
| | | Lab | By Arr | 1.0 Hrs/Wk | 600 | 08/17-12/20 | GR | |

MATH 33 FINITE MATHEMATICS 4.0 Units

Linear functions, systems of linear equations and inequalities, exponential and logarithmic functions and applications, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability. Applications in business, economics and social sciences.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|-----|-----------|------------|-------|-------------|----|-----|
| Day | 20086 | TTh | 8:00-9:50 | 104 | STAFF | 08/17-12/20 | GR | V01 |
| | | Lab | By Arr | 1.0 Hrs/Wk | 600 | 08/17-12/20 | GR | |

MATH 34 CALC FOR BUS AND SOC SCIENCES 5.0 Units

Functions and their graphs; limits of functions; differential and integral calculus of algebraic, exponential and logarithmic functions. Applications in business, economics, and social sciences and use of graphing calculators. Partial derivatives and the method of Lagrange multipliers.

Prerequisite: Mathematics 55 or 55B or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|-----|-----------|------------|------------|-------------|----|-----|
| Day | 22448 | MWF | 8:00-9:25 | 503 | STAFF | 08/17-12/20 | OP | V01 |
| | | Lab | By Arr | 1.0 Hrs/Wk | 600 | 08/17-12/20 | OP | |
| Day | 22322 | MWF | 1:00-2:25 | 503 | BLUMENFELD | 08/17-12/20 | OP | V02 |
| | | Lab | By Arr | 1.0 Hrs/Wk | 600 | 08/17-12/20 | OP | |
| Eve | 20269 | TTh | 7:30-9:45 | 503 | STAFF | 08/17-12/20 | GR | 093 |
| | | Lab | By Arr | 1.0 Hrs/Wk | 600 | 08/17-12/20 | GR | |

MATH 38 TRIGONOMETRY WITH GEOMETRY 5.0 Units

Plane trigonometry with topics from plane geometry. Geometry includes properties of polygons, parallel and perpendicular lines, congruence and similarity, area, volumes and surface area. Trigonometry includes definitions of the trigonometric functions, graphs of the trigonometric functions, trigonometric equations and inverse trigonometric functions, identities, polar coordinates and complex numbers. Applications involving right triangles, law of sines and law of cosines. May not receive credit if Mathematics 36 or 36Y have been completed.

Prerequisite: Mathematics 55 or 55B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

| | | | | | | | | |
|-----|-------|-----|------------|-------------|-------|-------------|----|-----|
| Day | 22327 | MW | 9:30-12:20 | 1859 | WOODS | 11/07-12/20 | OP | VTI |
| | | Fri | 9:30-10:50 | 1859 | | 11/07-12/20 | OP | |
| | | Lab | Fri | 11:00-12:20 | 1859 | 11/07-12/20 | OP | |

MATH 38-VTI (CRN 22327) is specifically for students enrolled in the A.S. Degree in Engineering Technology, who have been accepted into an approved internship placement.

MATH 39 TRIGONOMETRY 4.0 Units

Trigonometry includes definitions of the trigonometric functions and their inverses, graphs of the trigonometric functions and their inverses, trigonometric equations, trigonometric expressions and identities, including proofs, an introduction to vectors, polar coordinates and complex numbers. Applications include solving right triangles and solving triangles using the law of sines and the law of cosines. May not receive credit if Mathematics 36 or 36Y have been completed.

Prerequisite: Mathematics 55 or 55B or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|-----|------------|------------|-------|-------------|----|-----|
| Day | 23028 | MWF | 9:30-10:40 | 503 | STAFF | 08/17-12/20 | OP | V01 |
| | | Lab | By Arr | 1.0 Hrs/Wk | 600 | 08/17-12/20 | OP | |

Courses, dates, and times are subject to change. Please check the college website at www.laspositascollege.edu for the most up-to-date information regarding Fall course offerings.

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-------|--------|------------|-------|------------|-------------|-------|-----|-----|-------|------|------------|------|------------|-------------|-------|-----|
| Day | 23029 | MWF | 1:00-2:10 | PE212 | OWENS | 08/17-12/20 | OP | V02 | Web | 22061 | Fri | 9:30-11:20 | 607 | AUGUST | 08/17-12/20 | OP | HD1 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Day | 23030 | TTh | 12:30-2:20 | 106 | MAJUMDAR | 08/17-12/20 | OP | V03 | | | | | | | | | |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 23031 | TTh | 3:00-4:50 | 106 | STAFF | 08/17-12/20 | OP | V04 | | | | | | | | | |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | | | | | | | | | | |
| Eve | 23032 | TTh | 4:00-5:50 | 505 | SINGH | 08/17-12/20 | OP | 093 | Web | 22301 | Fri | 12:00-1:50 | 607 | AUGUST | 08/17-12/20 | OP | HD2 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

MATH 40 STATISTICS AND PROBABILITY 4.0 Units

Descriptive statistics, including measures of central tendency, dispersion and position; elements of probability; confidence intervals; hypothesis tests; two-population comparisons; correlation and regression; goodness of fit; analysis of variance; applications in various fields. Introduction to the use of a computer software package to complete both descriptive and inferential statistics problems.

Prerequisites: Math 55B or Math 55 with a minimum grade of C or higher.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

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|-----|-------|-----|-------------|------|-------|-------------|----|-----|--|--|--|--|--|--|--|--|--|
| Day | 22050 | MW | 8:00-9:15 | 2414 | STAFF | 08/17-12/20 | OP | V01 | | | | | | | | | |
| | | Fri | 8:00-8:50 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Fri | 9:00-9:50 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 22051 | Mon | 12:00-2:15 | 2414 | SINGH | 08/17-12/20 | OP | V02 | | | | | | | | | |
| | | Wed | 12:00-1:15 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Wed | 1:30-2:20 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 22052 | Mon | 9:30-11:45 | 2414 | STAFF | 08/17-12/20 | OP | V04 | | | | | | | | | |
| | | Wed | 9:30-10:45 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Wed | 10:50-11:40 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 22053 | Tue | 2:00-4:10 | 2414 | STAFF | 08/17-12/20 | OP | V05 | | | | | | | | | |
| | | Th | 2:00-3:10 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Th | 3:20-4:10 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 22054 | MW | 12:00-1:15 | 502 | STAFF | 08/17-12/20 | OP | V06 | | | | | | | | | |
| | | Fri | 12:00-12:50 | 502 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Fri | 1:00-1:50 | 502 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 22055 | MW | 9:00-10:15 | 2416 | STAFF | 08/17-12/20 | OP | V07 | | | | | | | | | |
| | | Fri | 9:00-9:50 | 2416 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Fri | 10:00-10:50 | 2416 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 22056 | Tue | 8:00-10:15 | 2414 | STAFF | 08/17-12/20 | OP | V08 | | | | | | | | | |
| | | Th | 8:00-9:15 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Th | 9:20-10:10 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 22057 | Mon | 2:30-4:45 | 2414 | STAFF | 08/17-12/20 | OP | V09 | | | | | | | | | |
| | | Wed | 2:30-3:45 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Wed | 3:50-4:40 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| Eve | 22449 | Mon | 3:00-5:15 | 607 | STAFF | 08/17-12/20 | OP | 093 | | | | | | | | | |
| | | Wed | 3:00-4:15 | 607 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Wed | 4:20-5:10 | 607 | | 08/17-12/20 | OP | | | | | | | | | | |
| Eve | 22058 | Mon | 5:00-7:15 | 2414 | KUTIL | 08/17-12/20 | OP | 094 | | | | | | | | | |
| | | Wed | 5:00-6:15 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Wed | 6:20-7:10 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| Eve | 22059 | Tue | 7:30-9:45 | 607 | STAFF | 08/17-12/20 | OP | 095 | | | | | | | | | |
| | | Th | 7:30-8:45 | 607 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Th | 8:50-9:40 | 607 | | 08/17-12/20 | OP | | | | | | | | | | |
| Eve | 22060 | Mon | 7:30-9:45 | 2414 | STAFF | 08/17-12/20 | OP | 096 | | | | | | | | | |
| | | Wed | 7:30-8:45 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |
| | Lab | Wed | 8:50-9:40 | 2414 | | 08/17-12/20 | OP | | | | | | | | | | |

MATH 40-HD1 (CRN 22061) is a hybrid course. Students will meet on campus every Friday from 9:30-11:20am in room 607. Students will be required to complete the remainder of the course online. Students must purchase internet-based software for this class. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

MATH 40-HD2 (CRN 22301) is a hybrid course. Students will meet on campus every Friday from 12:00-1:50pm in room 607. Students will be required to complete the remainder of the course online. Students must purchase internet-based software for this class. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

MATH 45 COLLEGE ALGEBRA 3.0 Units

Polynomial, rational, exponential, and logarithmic functions; theory of equations; matrices; translation of functions; sequences, series and the binomial theorem.

Prerequisite: Math 55 or Math 55B or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics placement process.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | | | | | | | | | | |
|-----|-------|--------|-------------|------|----------|-------------|----|-----|--|--|--|--|--|--|--|--|--|
| Day | 20217 | TTh | 11:00-12:15 | 1871 | PETERSON | 08/17-12/20 | GR | V01 | | | | | | | | | |
| | Lab | By Arr | 1.0 Hrs/Wk | 607 | | 08/17-12/20 | GR | | | | | | | | | | |

MATH 47 MATHEMATICS FOR LIBERAL ARTS 3.0 Units

An introduction to a variety of mathematical concepts for students interested in liberal arts. Intended to cultivate an appreciation of the significance of mathematics in daily life and help develop students' mathematical reasoning. Topics include personal growth, and graph theory.

Prerequisite: Mathematics 50, 55, 55Y, 55B or equivalent (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process. 3 hours lecture, 1 hour laboratory.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | | | | | | | | | | |
|-----|-------|--------|------------|------|-------|-------------|----|-----|--|--|--|--|--|--|--|--|--|
| Day | 22451 | MW | 8:00-9:15 | 1871 | STAFF | 08/17-12/20 | OP | V01 | | | | | | | | | |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | | | | | | | | | | |
| Day | 22452 | TTh | 12:00-1:15 | 503 | STAFF | 08/17-12/20 | OP | V02 | | | | | | | | | |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | | | | | | | | | | |
| Eve | 22453 | TTh | 7:00-8:15 | 1873 | STAFF | 08/17-12/20 | OP | 093 | | | | | | | | | |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | | | | | | | | | | |

LPC MOBILE APP AVAILABLE

Please download the New Ellucian GO "Free" Mobile App at http://www.clpccd.org/tech/Luminis/ellucian_go_web.pdf

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

MATH 50 CORE INTERMEDIATE ALGEBRA 4.0 Units

Core concepts of intermediate algebra are explored within the context of the function. Function concepts covered include: distinction between functions and relations, domain and range, function notation, multiple representation of functions, behavior of functions, behavior of functions, operations with functions (including composition) and, one-to-one and invertible functions. Types of functions considered: linear, absolute value, polynomial, rational, radical, exponential and logarithmic functions. The course quantitative data. Standards for mathematical practice, applications of functions, and modeling with functions are emphasized throughout.

| | | | | | | | | |
|-----|-------|--------|-------------|------|--------|-------------|----|-----|
| Day | 23033 | MWF | 12:00-1:50 | 1816 | HENSON | 08/17-12/20 | OP | V01 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 23034 | TTh | 8:00-9:50 | 102 | STAFF | 08/17-12/20 | OP | V02 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 23035 | TTh | 10:30-12:20 | 102 | STAFF | 08/17-12/20 | OP | V03 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 23036 | MW | 5:00-6:50 | 101 | HENSON | 08/17-12/20 | OP | 093 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |

MATH 55 INTERMEDIATE ALGEBRA 5.0 Units

Intermediate algebra concepts, including: An introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; systems of linear equations in three variables and matrix solutions; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of non-linear equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout. May not receive credit if Mathematics 55B has been completed.

Prerequisite: Math 65 or 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|--------|-------------|-----|------------|-------------|----|-----|
| Day | 20200 | MWF | 8:00-9:25 | 101 | PETERSON | 08/17-12/20 | OP | V01 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 20863 | MWF | 9:30-10:55 | 101 | STAFF | 08/17-12/20 | OP | V02 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 20413 | MWF | 11:00-12:25 | 101 | DAUBENMIRE | 08/17-12/20 | OP | V03 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 20284 | TTh | 8:00-10:15 | 101 | DAUBENMIRE | 08/17-12/20 | OP | V05 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 20637 | MWF | 12:30-1:55 | 102 | STAFF | 08/17-12/20 | OP | V06 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 20797 | TTh | 1:00-3:15 | 101 | STAFF | 08/17-12/20 | OP | V07 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 20498 | MWF | 3:30-4:55 | 101 | STAFF | 08/17-12/20 | OP | V09 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 21622 | MWF | 2:00-3:25 | 101 | STAFF | 08/17-12/20 | OP | V10 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |

| | | | | | | | | |
|-----|-------|---------|-------------|------|-------|-------------|----|-----|
| Day | 22326 | MW | 9:30-12:20 | 1859 | WOODS | 08/17-11/04 | OP | VTI |
| | | Fri | 9:30-10:50 | 1859 | | 08/17-11/04 | OP | |
| | | Lab Fri | 11:00-12:20 | 1859 | | 08/17-11/04 | OP | |

MATH 55-VTI is specifically for students enrolled in the A.S. Degree in Engineering Technology, who have been accepted into an approved internship placement.

| | | | | | | | | |
|-----|-------|--------|------------|-----|-------|-------------|----|-----|
| Eve | 20337 | MW | 7:30-9:45 | 101 | STAFF | 08/17-12/20 | OP | 094 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 20169 | TTh | 5:00-7:15 | 101 | OWENS | 08/17-12/20 | OP | 095 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 22455 | TTh | 7:30-9:45 | 101 | STAFF | 08/17-12/20 | OP | 096 |
| | Lab | By Arr | 1.0 Hrs/Wk | tba | | 08/17-12/20 | OP | |

Web 20263 ONLINE/HYBRID BLUMENFELD 08/17-12/20 OP HDI

Math 55-HDI is a hybrid course. All class meetings will be online except on the following Mondays: Aug. 17, Sep. 21, Oct. 19, Nov. 30 and Dec. 16 from 2:00-3:25pm in room 502. For more information, see the section titled "Online Learning" in this schedule, or go <http://www.laspositascollege.edu/onlinelearning>.

Web 20561 Mon 1:00-2:50 607 AUGUST 08/17-12/20 OP HD2
ONLINE/HYBRID 08/17-12/20 OP

Math 55-HD2 is a hybrid course. Students will meet on campus Mondays from 1:00-2:50pm in room 607. Students will be required to complete the remainder of the course online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

MATH 55A INTERMEDIATE ALGEBRA A 2.5 Units

Concepts covered in the first half of Mathematics 55 Intermediate Algebra, including: An introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; and complex numbers. Multiple representations, applications and modeling with functions are emphasized throughout. May not receive credit if Mathematics 55 has been completed.

Prerequisite: Math 65 or 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|--------|------------|------|-------|-------------|----|-----|
| Day | 22456 | MW | 2:00-3:10 | 507 | STAFF | 08/17-12/20 | OP | V01 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 22457 | TTh | 7:30-8:40 | 1874 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |

THE FOLLOWING MATH 55A SECTIONS (X02, X05, X06, X94) ARE TAUGHT IN THE MATH X PROGRAM

A self-paced, guided, independent learning program. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.

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|-----|-------|-----|-------------|-----|--------|-------------|----|-----|
| Day | 22067 | Tue | 11:00-1:15 | 607 | KUTIL | 08/17-12/20 | OP | X02 |
| | Lab | Th | 11:00-11:50 | 607 | | 08/17-12/20 | OP | |
| Day | 22458 | Mon | 9:30-11:45 | 607 | GRAHAM | 08/17-12/20 | OP | X05 |
| | Lab | Wed | 9:30-10:20 | 607 | | 08/17-12/20 | OP | |

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-------|------|-------------|------|------------|-------------|-------|-----|-----|-------|--------|------------|------|------------|-------------|-------|-----|
| Day | 22459 | Wed | 10:30-12:45 | 607 | STAFF | 08/17-12/20 | OP | X06 | Day | 20087 | MWF | 8:00-9:25 | 102 | DAUBENMIRE | 08/17-12/20 | OP | V01 |
| | Lab | Mon | 12:00-12:50 | 607 | | 08/17-12/20 | OP | | | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 22079 | Wed | 7:00-9:15 | 607 | STAFF | 08/17-12/20 | OP | X94 | Day | 20204 | MWF | 9:30-10:55 | 102 | STAFF | 08/17-12/20 | OP | V02 |
| | Lab | Mon | 7:00-7:50 | 607 | | 08/17-12/20 | OP | | | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |

MATH 55B INTERMEDIATE ALGEBRA B 2.5 Units

Concepts covered in the second half of Mathematics 55 Intermediate Algebra, including: systems of linear equations in three variables and matrix solutions; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; systems on non-linear equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout. May not receive credit if Mathematics 55 has been completed.

Prerequisite: MATH 55A (completed with a grade of "C" or higher).

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|--------|------------|------|-------|-------------|----|-----|
| Day | 22460 | TTh | 2:30-3:40 | 1874 | STAFF | 08/17-12/20 | OP | V01 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |

THE FOLLOWING MATH 55B SECTIONS (X02, X05, X06, X94) ARE TAUGHT IN THE MATH X PROGRAM

A self-paced, guided, independent learning program. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.

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|-----|-------|---------|-------------|-----|--------|-------------|----|-----|
| Day | 22068 | Tue | 11:00-1:15 | 607 | KUTIL | 08/17-12/20 | OP | X02 |
| | | Th | 11:00-11:50 | 607 | | 08/17-12/20 | OP | |
| Day | 22479 | Mon | 9:30-11:45 | 607 | GRAHAM | 08/17-12/20 | OP | X05 |
| | Lab | Wed | 9:30-10:20 | 607 | | 08/17-12/20 | OP | |
| Day | 22480 | Lab Mon | 12:00-12:50 | 607 | STAFF | 08/17-12/20 | OP | X06 |
| | | Wed | 10:30-12:45 | 607 | | 08/17-12/20 | OP | |
| Eve | 22080 | Wed | 7:00-9:15 | 607 | STAFF | 08/17-12/20 | OP | X94 |
| | Lab | Mon | 7:00-7:50 | 607 | | 08/17-12/20 | OP | |

MATH 65 ELEMENTARY ALGEBRA 5.0 Units

Elementary algebra concepts, including: real numbers and their properties; algebraic expressions; integer exponents; operations with polynomial expressions; linear and quadratic equations; linear inequalities and set notation; graphs of linear equations and inequalities; slope; systems of linear equations and inequalities; and, an introduction to rational expressions and modeling with linear and quadratic equations. May not receive credit if Mathematics 65B has been completed.

Prerequisite: Mathematics 107 or 107B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|--------|-------------|-----|--------|-------------|----|-----|
| Day | 20864 | MWF | 11:00-12:25 | 102 | STAFF | 08/17-12/20 | OP | V03 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 20336 | TTh | 10:30-12:45 | 101 | STAFF | 08/17-12/20 | OP | V04 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 20549 | TTh | 1:00-3:15 | 102 | STAFF | 08/17-12/20 | OP | V05 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Day | 20201 | MWF | 2:00-3:25 | 102 | STAFF | 08/17-12/20 | OP | V06 |
| | Lab | By Arr | 1.0 Hrs/Wk | 607 | | 08/17-12/20 | OP | |
| Day | 20636 | MWF | 3:30-4:55 | 102 | STAFF | 08/17-12/20 | OP | V07 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 20415 | MW | 5:00-7:15 | 102 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 20635 | MW | 7:30-9:45 | 102 | STAFF | 08/17-12/20 | OP | 094 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 20089 | TTh | 5:00-7:15 | 102 | TAYLOR | 08/17-12/20 | OP | 095 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 22380 | TTh | 7:30-9:45 | 102 | TAYLOR | 08/17-12/20 | OP | 096 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |

| | | | | | | | | |
|-----|-------|---------------|--|--------|--|-------------|----|-----|
| Web | 20411 | ONLINE/HYBRID | | AUGUST | | 08/17-12/20 | OP | HD1 |
|-----|-------|---------------|--|--------|--|-------------|----|-----|

Math 65-HD1 (CRN 20411) is a hybrid course. All class meetings will be online except on the following meeting Fridays: Aug. 21, Sep. 25, Oct. 23, Dec. 4 and Dec. 18 when students will meet on campus from 5:00-6:50pm in room 607. For more information, see the section titled "Online Learning" in this schedule, or go <http://www.laspositascollege.edu/onlinelearning>.

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|-----|-------|---------------|------------|------|------------|-------------|----|-----|
| Web | 20088 | Th | 12:30-2:45 | 1873 | BLUMENFELD | 08/17-12/20 | OP | HD2 |
| | | ONLINE/HYBRID | | | | 08/17-12/20 | OP | |

Math 65-HD2 (CRN 20088) is a hybrid course. Students will meet on campus every Thursday from 12:30-2:45pm. Students will be required to complete the remainder of the course online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

MATH 65A ELEMENTARY ALGEBRA A 2.5 Units

Concepts covered in the first half of Math 65 Elementary Algebra, including: real numbers and their properties; algebraic expressions; linear equations; linear inequalities and set notation; graphs of linear equations and inequalities in two variables; slope; systems of linear equations and inequalities; and, an introduction to modeling with linear equations. This course is designed for those with no previous algebra background. May not receive credit if Mathematics 65 or 65X have been completed.

Prerequisite: Mathematics 106 or 107 or 107Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|--------|------------|------|-------|-------------|----|-----|
| Day | 22461 | MW | 9:30-10:40 | 1826 | STAFF | 08/17-12/20 | OP | V01 |
| | Lab | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |
| Eve | 22462 | MW | 5:00-6:10 | 503 | STAFF | 08/17-12/20 | OP | 093 |
| | Lab | Mon | 6:20-7:10 | 503 | | 08/17-12/20 | OP | |

THE FOLLOWING MATH 65A SECTIONS (X02, X05, X06, X94) ARE TAUGHT IN THE MATH X PROGRAM

A self-paced, guided, independent learning program. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.

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|-----|-------|---------|-------------|-----|--------|-------------|----|-----|
| Day | 22069 | Tue | 11:00-1:15 | 607 | KUTIL | 08/17-12/20 | OP | X02 |
| Lab | | Th | 11:00-11:50 | 607 | | 08/17-12/20 | OP | |
| Day | 22481 | Mon | 9:30-11:45 | 607 | GRAHAM | 08/17-12/20 | OP | X05 |
| Lab | | Wed | 9:30-10:20 | 607 | | 08/17-12/20 | OP | |
| Day | 22482 | Lab Mon | 12:00-12:50 | 607 | STAFF | 08/17-12/20 | OP | X06 |
| | | Wed | 10:30-12:45 | 607 | | 08/17-12/20 | OP | |
| Eve | 22081 | Mon | 7:00-9:15 | 607 | STAFF | 08/17-12/20 | OP | X94 |
| Lab | | Wed | 7:00-7:50 | 607 | | 08/17-12/20 | OP | |

MATH 65B ELEMENTARY ALGEBRA B 2.5 Units

Concepts covered in the second half of Mathematics 65 Elementary Algebra, including: integer exponents; operations with polynomial expressions; factoring techniques; quadratic equations and modeling with quadratic equations; and an introduction to rational expressions. May not receive credit if Mathematics 65 or 65Y have been completed.

Prerequisite: Mathematics 65A or 65X (completed with a grade of "C" or higher).

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

| | | | | | | | | |
|-----|-------|--------|------------|------|-------|-------------|----|-----|
| Day | 22463 | MW | 2:30-3:45 | 1874 | STAFF | 08/17-12/20 | OP | V01 |
| Lab | | By Arr | 1.0 Hrs/Wk | 600 | | 08/17-12/20 | OP | |

THE FOLLOWING MATH 65B SECTIONS (X02, X05, X06, X94) ARE TAUGHT IN THE MATH X PROGRAM

A self-paced, guided, independent learning program. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.

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|-----|-------|---------|-------------|-----|--------|-------------|----|-----|
| Day | 22070 | Tue | 11:00-1:15 | 607 | KUTIL | 08/17-12/20 | OP | X02 |
| | | Th | 11:00-11:50 | 607 | | 08/17-12/20 | OP | |
| Day | 22483 | Mon | 9:30-11:45 | 607 | GRAHAM | 08/17-12/20 | OP | X05 |
| Lab | | Wed | 9:30-10:20 | 607 | | 08/17-12/20 | OP | |
| Day | 22484 | Lab Mon | 12:00-12:50 | 607 | STAFF | 08/17-12/20 | OP | X06 |
| | | Wed | 10:30-12:45 | 607 | | 08/17-12/20 | OP | |
| Eve | 22082 | Mon | 7:00-9:15 | 607 | STAFF | 08/17-12/20 | OP | X94 |
| Lab | | Wed | 7:00-7:50 | 607 | | 08/17-12/20 | OP | |

MATH 71A APPLIED MATH FOR TECHNICIANS A 1.5 Units

This course provides a survey of mathematical techniques used in the technical trades including: Arithmetic, both by-hand and with calculator; ratios, rates and proportions; metric and U.S. systems of measurement. There is an emphasis on practical applications related to a variety of technical fields throughout.

THE FOLLOWING MATH 71A SECTIONS (X01, X03, X04, X93) ARE TAUGHT IN THE MATH X PROGRAM

A self-paced, guided, independent learning program. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.

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|-----|-------|-----|------------|-----|--------|-------------|----|-----|
| Day | 22064 | Tue | 9:30-10:45 | 607 | STAFF | 08/17-12/20 | OP | X01 |
| Day | 22073 | Tue | 2:00-3:15 | 607 | HENSON | 08/17-12/20 | OP | X03 |
| Day | 22464 | Tue | 3:30-4:45 | 607 | STAFF | 08/17-12/20 | OP | X04 |
| Eve | 22077 | Mon | 5:30-6:45 | 607 | STAFF | 08/17-12/20 | OP | X93 |

MATH 71B APPLIED MATH FOR TECHS B 1.5 Units

This course provides a survey of mathematical techniques used in the technical trades including: an introduction to linear equations; scientific notation; plane and solid geometry; and, triangle trigonometry. There is an emphasis on practical applications related to a variety of technical fields throughout.

Prerequisite: Mathematics 71A or 71X (completed with a grade of "C" or higher). May not receive credit if Mathematics 71 or 71Y or INDT 74 have been completed.

THE FOLLOWING MATH 71B SECTIONS (X01, X03, X04, X93) ARE TAUGHT IN THE MATH X PROGRAM

A self-paced, guided, independent learning program. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.

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|-----|-------|-----|------------|-----|--------|-------------|----|-----|
| Day | 22065 | Tue | 9:30-10:45 | 607 | STAFF | 08/17-12/20 | OP | X01 |
| Day | 22074 | Tue | 2:00-3:15 | 607 | HENSON | 08/17-12/20 | OP | X03 |
| Day | 22465 | Tue | 3:30-4:45 | 607 | STAFF | 08/17-12/20 | OP | X04 |
| Eve | 22078 | Mon | 5:30-6:45 | 607 | STAFF | 08/17-12/20 | OP | X93 |

MATH 107 PRE-ALGEBRA 4.0 Units

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of arithmetic, operations involving signed integers, fractions and decimals, variables and variable expressions, simple linear equations and their graphs, percent and proportion, introduction to statistics, geometry and measurement, and application problems. 3 hours lecture, 3 hours laboratory.

Internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult the mathematics department website <http://www.laspositascollege.edu/math/index.php> before registering for this course.

| | | | | | | | | |
|-----|-------|---------|-------------|------|-------|-------------|----|-----|
| Day | 20898 | TTh | 9:30-10:45 | 2416 | STAFF | 08/17-12/20 | OP | V01 |
| | | Lab TTh | 10:55-12:10 | 2416 | | 08/17-12/20 | OP | |
| Day | 23037 | MWF | 2:00-2:50 | 2480 | STAFF | 08/17-12/20 | OP | V02 |
| | | Lab MWF | 3:00-3:50 | 2480 | | 08/17-12/20 | OP | |
| Eve | 20897 | MW | 6:30-7:45 | 1872 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab MW | 7:50-9:05 | 1872 | | 08/17-12/20 | OP | |

Check for Add, NGR, Refund, Pass/No Pass and Withdrawal deadlines

1. Log into CLASS Web
2. Select the **Student Services** tab
3. Click the **Registration** link
4. Click the **Check Class Deadlines** link
5. Enter the CRN

MATH 107A PRE-ALGEBRA A

2.0 Units

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of concepts covered in the first half of Mathematics 107 Pre-Algebra, including: review of arithmetic, operations involving signed integers, fractions, variables and variable expressions, and simple linear equations.

Elementary Algebra.

Day 22781 Daily 9:00-3:00 2401 STAFF 08/08-08/12 OP MJ2
 Math Jam: Elementary Algebra (Math 65). This level is for students who are eligible to take Math 65: Elementary Algebra this next semester. Students will be learning Elementary Algebra material with the goal of preparing them to be successful in their upcoming Math 65 class or to retake the ACCUPLACER exam at the end of the week and test into a transfer level math class.

Day 22782 Daily 9:00-3:00 2401 STAFF 08/08-08/12 OP MJ3
 Math Jam: Intermediate Algebra (Math 55). This level is for students who are eligible to take Math 55: Intermediate Algebra this next semester. Students will be learning Intermediate Algebra material with the goal of preparing them to be successful in their upcoming Math 55 class or to retake the ACCUPLACER exam at the end of the week and test into a transfer level math class.

Day 22783 Daily 9:00-3:00 2401 STAFF 08/08-08/12 OP MJ4
 Math Jam: Statistics and Probability (Math 40) and Mathematics for Liberal Arts (Math 47). This level is only for students who are eligible to take a transfer level math class, such as Math 40 and Math 47. Students will be learning key concepts that are included in Math 40 and Math 47 with the goal of preparing them to be successful in their upcoming Math 40 class or to refresh their skills in preparation for a research class at Las Positas College.

Day 22784 Daily 9:00-3:00 2401 STAFF 08/08-08/12 OP MJ5
 Math Jam: Trigonometry/Pre-Calculus (Math 38/20) and Business Calculus (Math 34). This level is only for students who are eligible to take a transfer level math class, such as Math 38, 20 or 34. Students will be learning appropriate Algebra, Trigonometry and Pre-Calculus material with the goal of preparing them to be successful in their upcoming classes, such as Math 38, Math 20, Math 1 or Math 34. Students who are eligible for a transfer level math class and also interested in placing higher in the STEM sequence (such as Math 20 or Math 1) can take this level to prepare to retake the ACCUPLACER exam.

THE FOLLOWING MATH 107A SECTIONS (X01, X03, X04, X93) ARE TAUGHT IN THE MATH X PROGRAM

A self-paced, guided, independent learning program. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.

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|-----|-------|-----|------------|-----|--------|-------------|----|-----|
| Day | 22062 | Tue | 9:30-10:45 | 607 | STAFF | 08/17-12/20 | OP | X01 |
| | Lab | Th | 9:30-10:45 | 607 | | 08/17-12/20 | OP | |
| Day | 22071 | Tue | 2:00-3:15 | 607 | HENSON | 08/17-12/20 | OP | X03 |
| | Lab | Th | 2:00-3:15 | 607 | | 08/17-12/20 | OP | |
| Day | 22485 | Tue | 3:30-4:45 | 607 | STAFF | 08/17-12/20 | OP | X04 |
| | Lab | Th | 3:30-4:45 | 607 | | 08/17-12/20 | OP | |
| Eve | 22075 | Mon | 5:30-6:45 | 607 | STAFF | 08/17-12/20 | OP | X93 |
| | Lab | Wed | 5:30-6:45 | 607 | | 08/17-12/20 | OP | |

MATH 107B PRE-ALGEBRA B

2.0 Units

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of concepts covered in the second half of Mathematics 107 Pre-Algebra, including: decimals, graphs of simple linear equations, percent and proportion, introduction to statistics, geometry and measurement, and application problems. May not receive credit if Mathematics 107 or 107Y has been completed.

Prerequisite: MATH 107A or 107X (completed with a grade of "C" or higher).

THE FOLLOWING MATH 107B SECTIONS (X01, X03, X04, X93) ARE TAUGHT IN THE MATH X PROGRAM

A self-paced, guided, independent learning program. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.

| | | | | | | | | |
|-----|-------|-----|------------|-----|--------|-------------|----|-----|
| Day | 22063 | Tue | 9:30-10:45 | 607 | STAFF | 08/17-12/20 | OP | X01 |
| | | Th | 9:30-10:45 | 607 | | 08/17-12/20 | OP | |
| Day | 22072 | Tue | 2:00-3:15 | 607 | HENSON | 08/17-12/20 | OP | X03 |
| | Lab | Th | 2:00-3:15 | 607 | | 08/17-12/20 | OP | |
| Day | 22486 | Tue | 3:30-4:45 | 607 | STAFF | 08/17-12/20 | OP | X04 |
| | Lab | Th | 3:30-4:45 | 607 | | 08/17-12/20 | OP | |
| Eve | 22076 | Mon | 5:30-6:45 | 607 | STAFF | 08/17-12/20 | OP | X93 |
| | Lab | Wed | 5:30-6:45 | 607 | | 08/17-12/20 | OP | |

MATH 200 MATH JAM - SUPVSD LEARN ASSIST

0.0 Units

Math Jam is a free one-week intensive math program designed to prepare students for their upcoming math course, and prepare students to retake the Math Assessment (Placement Test). The goal of Math Jam is to help students complete their educational goal, degree, and/or transfer requirements in less time than previously possible. For more information, visit the Math Jam website at www.laspositascollege.edu/mathjam.

Day 22780 Daily 9:00-3:00 2401 STAFF 08/08-08/12 OP MJI
 Math Jam: Pre-Algebra (Math 107). This level is for students who are eligible to take Math 107: Pre-Algebra this next semester. Students will be learning Pre-Algebra material with the goal of preparing them to be successful in their upcoming Pre-Algebra class or to retake the ACCUPLACER exam at the end of the week and test into Math 65:

**What is your GOAL?
 Earn a DEGREE?
 TRANSFER ?**

MATH JAM is an award winning intensive one week program the week prior to the start of the Spring and Fall semesters in January and August.

Math Jam is **FOR ALL STUDENTS** to help you achieve your math goals – from preparing to re-take the Math Assessment (Placement) Test to preparing for your upcoming math courses. Math Jam helps you **complete your goal of a degree or transfer faster**, while introducing you to a community of support and **FREE** resources at LPC.

Dates

Fall 2016
 August 8-12, 2016

Levels

Pre-Algebra
 Elementary Algebra
 Intermediate Algebra
 Statistics & Math for Liberal Arts
 Trigonometry
 Pre-Calculus
 Business Calculus



laspositascollege.edu/MathJam

We provide everything you need - including **FOOD** and supplies - just come ready to learn.... it's **FREE**.

MUSIC

MUS 1 INTRODUCTION TO MUSIC 3.0 Units

Music for enjoyment and understanding through informed listening, analysis, evaluation and discernment of musical elements, forms, and repertoire. Attendance at concerts and listening to a variety of music may be required.

Day 20473 TTh 9:30-10:45 4130 BREKKE 08/17-12/20 OP V01

Day 21408 TTh 11:00-12:15 4138 BREKKE 08/17-12/20 OP V02

MUS 1-V02 (CRN 21408) is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit www.laspositascollege.edu/honors for more information.

Day 22789 MW 9:30-10:45 4130 ZIMMERMAN 08/29-12/20 OP V03

MUS 1-V03 (CRN 22789) is a Late Start course that meets from Aug 29-Dec 20.

MUS 4 JAZZ IN AMERICAN CULTURE 3.0 Units

History, trends, and influences of the phenomenon of jazz through integration of the cultures of (but not limited to) African-American, European-American and the Latin-American communities. Required listening, reading and concert attendance will guide the student to value jazz as a form of self-expression and improve the ability to listen and understand the various eras in jazz from pre-Dixieland to present day.

Day 20592 TTh 12:30-1:45 4138 DEVINE 08/17-12/20 OP V01

Day 22660 MW 11:00-12:15 4138 BROWNE ROSE 08/17-12/20 OP V02

Day 23157 TTh 2:00-3:15 4138 DEVINE 08/17-12/20 OP V03

MUS 5 AMERICAN CULTURES IN MUSIC 3.0 Units

Music in twentieth century United States through the study of contributions of three selected groups from the following: African-Americans, Latin-Americans, Asian-Americans, European-Americans, and Native Americans. Emphasis on understanding diverse styles, and on integrating these styles into American music. Concert, religious, and folk-pop music will be included.

For another American Cultures option, see Music 4

Day 20628 TTh 9:30-10:45 4138 DEVINE 08/17-12/20 OP V01

Eve 20612 Mon 7:00-9:50 4213 ZIMMERMAN 08/17-12/20 OP 093

Eve 20475 Tue 7:00-9:50 4213 ZIMMERMAN 08/17-12/20 OP 094

Web 20474 ONLINE CEFALO 08/17-12/20 OP DE1

MUS 5-DE1 (CRN 20474) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 20839 ONLINE CEFALO 08/17-12/20 OP DE2

MUS 5-DE2 (CRN 20839) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

MUS 6 BASIC MUSIC SKILLS 2.0 Units

Essentials of music through notation, time elements, melody, harmony, and tonality, texture, dynamics and knowledge of the keyboard. Sight singing and ear training.

Day 20922 MW 12:30-1:20 4138 BROWNE ROSE 08/17-12/20 OP V01

MUS 8A HARMONY AND MUSICIANSHIP I 4.0 Units

Elements of diatonic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present. Includes keys, modes, scales, tonality, intervals, solfeggio, consonance/dissonance, rhythmic organization, chord structure, chord and interval recognition, melodic and rhythmic dictation, voice leading principles, non-chord tones, four-part voice leading with selected primary and secondary chords, and figured bass realization. Strongly recommended: Music 6 or equivalent skills.

Day 20490 MWF 9:30-10:20 4138 BROWNE ROSE 08/17-12/20 OP V01

Lab TTh 9:30-10:20 4226 08/17-12/20 OP

MUS 8A-V01 (CRN 20490) is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit www.laspositascollege.edu/honors for more information.

MUS 10A CHROMATIC HARMONY/MUSICIANSHIP 4.0 Units

This course incorporates the concepts from the MUS 8 series. In addition, through writing and analysis, the course will include: introduction to chromatic harmony; secondary/applied chords; modulation; borrowed chords; modulation; borrowed chords; introduction to Neapolitan and augmented-sixth chords. Mus 10A also applies and develops the rhythmic, melodic, and harmonic materials of the musicianship portion of MUS 8 series through ear training, sight singing, analysis, and dictation.

Prerequisite: Music 8B (completed with a grade of "C" or higher).

Day 20497 MWF 10:30-11:20 4226 MARSCHAK 08/17-12/20 OP V01

Lab TTh 10:30-11:20 4226 08/17-12/20 OP

MUS 14 JAZZ ENSEMBLE 1.0 Units

Reading, preparation and performance of contemporary Jazz music. Opportunity to apply improvisation techniques in a group setting.

Eve 20509 Lab Mon 6:00-8:50 4138 BROWNE ROSE 08/17-12/20 OP 093

MUS 15 JAZZ BAND 1.0 Units

Reading, preparation and performance of contemporary Jazz music, arranged for Jazz band. Opportunity to arrange and compose for the band as well as to conduct. Opportunity to apply improvisation techniques in a group setting.

Eve 20476 Lab Mon 6:00-8:50 4138 BROWNE ROSE 08/17-12/20 OP 093

MUS 16 COLLEGE ORCHESTRA 1.0 Units

This course is for the study, rehearsal, and public performance of the standard Classical orchestra literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature is studied each semester so that different technical, historical and artistic issues are addressed. Attendance at all scheduled performances is required. Audition required.

Eve 20624 Lab Wed 6:00-8:50 4138 BROWNE ROSE 08/17-12/20 OP 093

MUS 17A JAZZ COMBO I 1.0 Units

For instrumentalists who want experience in performing and interpreting small-group literature. The music literature will cover important aspects of Jazz band development and works of all styles and periods. Emphasis will be on articulations, stylistic differences, composition, arranging, and common performance practices of the various periods of music.

Day 23158 Lab MW 1:30-2:45 4138 MARSCHAK 08/17-12/20 OP V01

Courses, dates, and times are subject to change. Please check the college website at www.laspositascollege.edu for the most up-to-date information regarding Fall course offerings.

MUS 18A JAZZ/POP PIANO I 1.0 Units

Voicings, chords, and guidelines for interpretation of lead sheets in a variety of genres for the contemporary pianist. Emphasis on improvisation, accompaniment, bass lines, grooves, and reharmonization. Strongly recommended: MUS 21A (completed with a grade of "C" or higher).

Day 23159 Lab Tue 3:00-5:50 4226 MARSCHAK 08/17-12/20 OP V01

MUS 20 ELEMENTARY GUITAR 1.0 Units

Beginning guitar using a combination of folk and classic approaches to playing technique, utilizing basic scales and chords in first position, and music notation. Strongly recommended: Music 6.

Day 20478 Lab TTh 11:00-12:15 4130 ACHEN 08/17-12/20 OP V01

MUS 21A BEGINNING PIANO 1.0 Units

Group instruction in piano with emphasis on developing technique, reading music, and performing. Strongly recommended: Music 6.

Day 20481 Lab TTh 11:30-12:45 4226 MARSCHAK 08/17-12/20 OP V01

MUS 21B BEGINNING PIANO: INTERMEDIATE 1.0 Units

Development of skills learned in Music 21A. Emphasis on further development of technique and performance.

Prerequisite: Music 21A (completed with a grade of "C" or higher).

Day 20482 Lab TTh 11:30-12:45 4226 MARSCHAK 08/17-12/20 OP V01

MUS 23B ELEMENTARY VOICE II 1.0 Units

Development of skills learned in Music 23A. Emphasis on further development of vocal production and performance.

Prerequisite: Music 23A (completed with a grade of "C" or higher).

Day 20484 Lab MW 11:00-12:15 4130 BREKKE 08/17-12/20 OP V01

MUS 25 TEACHING BEGINNING PIANO 2.0 Units

Principles of successful piano teaching with emphasis upon development of technique and reading ability in beginner level students; private and group piano teaching methods; personal development as teacher and musician. Observation of piano lessons or classes and supervised practice teaching of private or class piano students may be required. Intended for pianists with intermediate or advanced skills. Strongly recommended: Music 21B.

Day 23160 Mon 1:00-2:50 4226 MARSCHAK 08/17-12/20 OP V01

MUS 26 METHODS/MATERIALS/PIANO TCHRS 2.0 Units

Examination of various methods in print for use in teaching piano; setting up a teaching studio and maintaining the business; finding and selecting supplementary literature; preparing for recitals and other special events. Intended for pianists with intermediate or advanced skills who are engaged in the teaching of piano or who would like to prepare to teach. Strongly recommended: Music 21B.

Day 23161 Wed 11:30-1:30 4226 CEFALO 08/17-12/20 OP V01

MUS 30 STUDY OF GUITAR 1.0 Units

Development of skills and knowledge from Music 20. Emphasis on playing techniques and performance. Designed for the intermediate and advanced performer.

Prerequisite: Music 20 or equivalent (completed with a grade of "C" or higher).

Day 20479 Lab TTh 11:00-12:15 4130 ACHEN 08/17-12/20 OP V01

MUS 31 STUDY OF PIANO 1.0 Units

Development of functional piano skills. Designed for knowledge and skill of intermediate or advanced level.

Prerequisite: Music 21B (completed with a grade of "C" or higher).

Day 20485 Lab TTh 11:30-12:45 4226 MARSCHAK 08/17-12/20 OP V01

MUS 33 STUDY OF VOICE 1.0 Units

Individual improvement of the technical facility, tone quality, and range of the singing voice in solo performances; designed to extend knowledge of the literature in general and help acquire a basic repertory. Required for voice majors.

Prerequisite: Music 23B (completed with a grade of "C" or higher) or equivalent.

Day 20486 Lab MW 11:00-12:15 4130 BREKKE 08/17-12/20 OP V01

MUS 38 INDIVIDUAL STUDY 1.0 Units

Individualized study of the appropriate techniques and repertoire for a specific instrument or voice. Students meet individually with a private teacher for a total of 6 hours per semester, practice in department practice rooms for at least 1 hour per week during posted supervised practice hours, and meet once a week to perform for each other. Initial placement, mid-term and final recital/jury performance will be administered and evaluated by the Las Positas College Music Department faculty.

Day 20487 Lab Fri 12:00-1:50 4138 MARSCHAK 08/17-12/20 OP V01
 MUS 38-V01 (CRN 20487) requires enrollment with a private music instructor.



MUS 23A ELEMENTARY VOICE I 1.0 Units

Group singing with emphasis on solo performance. Tone production, breathing, diction, and interpretation in regard to song literature. Strongly recommended: Music 6.

Day 20483 Lab MW 11:00-12:15 4130 BREKKE 08/17-12/20 OP V01

MUS 42 VOCAL REPERTOIRE 1.0 Units
 Vocal repertoire with emphasis on solo performance. Includes vocal solo literature of the Baroque, Classical, Romantic, and Contemporary periods in French, German, English, Italian, and Spanish.
Prerequisite: Music 23B or Music 33 (may be taken concurrently).
 Day 20488 Lab MW 11:00-12:15 4130 BREKKE 08/17-12/20 OP V01

MUS 44 CONCERT CHOIR 1.0 Units
 Development of sufficient vocal and music ability to interpret and perform a variety of vocal chamber music. Designed for singers with choral ensemble experience.
 Eve 23162 Lab Tue 7:00-9:50 4130 STAFF 08/17-12/20 OP 093

MUS 45 CHAMBER CHOIR 1.0 Units
 Development of vocal and musical ability to interpret and perform the highest caliber of choral literature. Designed for singers with advanced choral ensemble experience.
Enrollment by audition only.
 Day 20477 Lab TTh 1:00-2:15 4130 BREKKE 08/17-12/20 OP V01

MUS 46A BEGINNING JAZZ CHOIR 1.0 Units
 The various aspects of performing in a vocal jazz ensemble. Emphasis on developing the rudiments of vocal jazz technique. Strongly recommended: Music 6 (Basic Music Skills).
Enrollment by audition only.
 Day 20489 Lab MW 1:00-2:15 4130 BREKKE 08/17-12/20 OP V01

MUS 46B ADVANCED JAZZ CHOIR 1.0 Units
 The various aspects of performing in a vocal jazz ensemble. Emphasis on developing advanced vocal jazz technique.
Prerequisite: Music 46A (Beginning Jazz Choir).
Enrollment by audition only.
 Day 21090 Lab MW 1:00-2:15 4130 BREKKE 08/17-12/20 OP V01

NUTRITION

NUTR 1 THE SCIENCE OF NUTRITION 3.0 Units
 The science of nutrition including the nutrients, their functions, sources and recommended intakes. Nutritional assessment and the role of nutrition in the maintenance of health. For students majoring in the science and/or health fields. Strongly Recommended: Chemistry 30A and Math 65.
 Day 21707 TTh 11:00-12:15 2204 VERNOGA 08/17-12/20 OP V01
 Day 21726 TTh 12:30-1:45 104 VERNOGA 08/17-12/20 OP V02
 Day 22038 MW 8:00-9:15 2204 VERNOGA 08/17-12/20 OP V03
 Day 21728 MW 11:00-12:15 PE212 VERNOGA 08/17-12/20 OP V04
 Day 22466 MW 12:30-1:45 2470 VERNOGA 08/17-12/20 OP V05
 Eve 21266 Tue 6:00-8:50 PE209 POLOKOFF 08/17-12/20 OP 093
 Web 22294 ONLINE POLOKOFF 08/17-12/20 OP DEI

NUTR 1-DEI (CRN 22294) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

OCCUPATIONAL SAFETY AND HEALTH

OSH 50 INTRO OCCUPATIONAL SAFETY/HLTH 3.0 Units
 An introduction to the principles and techniques of occupational safety and health management. Includes historical evolution, expectations and qualifications of the health and safety professional, and discussion of key elements of a typical safety program. There will be discussion of the California requirement for an Injury/Illness Prevention Program, the Job Safety Analysis process and other topics related to safety management.
 Eve 22991 Tue 7:00-9:50 1816 STAFF 08/17-12/20 OP 093

PHILOSOPHY

PHIL 1 GOD, NATURE, HUMAN NATURE 3.0 Units
 An exploration of the nature and range of philosophical inquiry in relation to everyday problems of humans as individuals, as citizens, as existing in nature, and as creators of works of the arts and of the spirit. Analysis of primary philosophical documents that concentrate on these broad areas of human concerns. Introduction to Philosophy by the Philosophers' own works, their methods of procedure and inquiry.
 Day 20278 MW 9:30-10:45 2460 BODNAR 08/17-12/20 GR V01

PHIL 4-V01 (CRN 20278) is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit www.laspositascollege.edu/honors for more information.

Web 22704 ONLINE FAIRWEATHER 08/17-12/20 OP DEI
PHIL 1-DEI (CRN 22704) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 22833 ONLINE FAIRWEATHER 10/17-12/09 OP L01
PHIL 1-L01 (CRN 22833) is a Fast Track online course that meets from Oct 17-Dec 9. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>.

PHIL 2 ETHICS 3.0 Units
 This course covers the concepts of morality, values and influential ethical theories. Students taking this course will be required to use philosophical methods to evaluate these theories for themselves and show how these theories can apply to everyday ethical questions.
 Eve 20166 Wed 4:00-6:50 2204 BODNAR 08/17-12/20 GR 093

PHIL 2-V01 (CRN 20166) is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit www.laspositascollege.edu/honors for more information.

Eve 22750 Wed 6:00-8:50 tba STAFF 08/17-12/20 OP 094
*PHIL 2-094 (CRN 22750) will meet at Dublin High School in the Library.
 Dublin High School Address: 8151 Village Parkway, Dublin, CA 94568*

Web 20503 ONLINE BODNAR 08/17-12/20 GR DEI
PHIL 2-DEI (CRN 20503) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

PHIL 4 INTRO TO PHILOSOPHY: KNOWLEDGE 3.0 Units
 Systematic analysis of documents that constitute the major statements in the theory of knowledge. Investigation of the nature of knowledge, truth and belief. Emphasis placed on enabling students to analyze, critique and defend their own systems of beliefs.
 Day 20167 MW 11:00-12:15 2205 BODNAR 08/17-12/20 GR V01

REMEMBER TO ACCESS YOUR STUDENT ZONEMAIL

PLEASE NOTE: All messages from the College are sent to this email address. Your registration date will be emailed to your ZONEmail account. Check your ZONEmail regularly to avoid missing any important information or notices.



PHIL 6 INTRODUCTION TO LOGIC 3.0 Units

An introduction to Logic. This course is designed to develop effective reasoning skills. Valid reasoning through formal deductive logic is emphasized, but the course also covers meaning in language, fallacies, and inductive reasoning methods in philosophy, literature and the sciences.

Day 22133 TTh 12:30-1:45 801 BODNAR 08/17-12/20 OP V01

Philosophy 6: Introduction to Logic, Transfers to CSU, Fulfills CSU GE area A3, Transfers to UC, Fulfills LPC GE for AA & AS in Communications and Analytical Thinking.

PHOTOGRAPHY

PHTO 50 INTRODUCTION TO PHOTOGRAPHY 3.0 Units

Introduction to the history and development of photography, basic process, various types of cameras, materials, basic shooting, processing developing, and printing of photographs.

Students enrolled in PHTO 50 labs will be assessed a \$20 materials fee at registration.

Day 21024 Tue 9:00-10:50 502 HORVATH 08/17-12/20 OP V01

Lab Tue 11:00-11:50 311 08/17-12/20 OP

Lab Th 9:00-11:50 311 08/17-12/20 OP

Day 21026 Tue 1:00-2:50 805 HORVATH 08/17-12/20 OP V02

Lab Tue 3:00-3:50 311 08/17-12/20 OP

Lab Th 1:00-3:50 311 08/17-12/20 OP

PHTO 56 INTRO TO DIGITAL PHOTOGRAPHY 1.5 Units

Basics for the beginner's use of digital cameras, film and flatbed scanners; use of Adobe software for image adjustments. Exploration of digital photography compared with traditional photographic approaches and processes. Operation of Adobe digital imaging software for preparation of web site photos and print output, in both black and white and in color.

Students enrolled in PHTO 56 labs will be assessed a \$20 materials fee at registration.

Day 21025 Wed 9:00-9:50 300 CASELLI 08/17-12/20 OP V01

Lab Wed 10:00-11:50 300 08/17-12/20 OP

Day 21723 Wed 3:00-3:50 300 YASHAR 08/17-12/20 OP V02

Lab Wed 4:00-5:50 300 08/17-12/20 OP

Eve 21278 Wed 6:00-6:50 300 ANAYA 08/17-12/20 OP 093

Lab Wed 7:00-8:50 300 08/17-12/20 OP

PHTO 57 INTERMEDIATE DIGITAL PHOTO 1.5 Units

Digital photography: intermediate and advanced digital image capture assignments, camera use and digital manipulation using software such as Adobe Photoshop. Preparation of image files for display printing and use on the Web. Strongly recommended: PHTO 56 or camera/photography and Macintosh computer experience.

Students enrolled in PHTO 57 labs will be assessed a \$20 materials fee at registration.

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|-----|-------|-----------|-----------|-----|-------|-------------|----|-----|
| Day | 23150 | Fri | 2:00-2:50 | tba | ANAYA | 08/17-12/20 | OP | V01 |
| Lab | Fri | 3:00-4:50 | tba | | | 08/17-12/20 | OP | |

PHTO 58 INTRODUCTION TO VIDEOGRAPHY 2.0 Units

Introduction to the theory and practice of video production and desktop video editing: project production phases, time-based visual and sound design, digitizing footage, video output issues, working creatively in a collaborative environment, industry standards. Macintosh computer platform.

Students enrolled in PHTO 58 will be assessed a \$20 materials fee at registration.

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|-----|-------|------------|-------------|------|-------|-------------|----|-----|
| Day | 21298 | Mon | 12:00-12:50 | 4130 | ANAYA | 08/17-12/20 | OP | V01 |
| Lab | Mon | 1:00-1:50 | 4130 | | | 08/17-12/20 | OP | |
| Lab | Wed | 12:00-2:50 | 300 | | | 08/17-12/20 | OP | |

PHTO 60 BLACK & WHITE MATERIALS & PROC 3.0 Units

Using exposure/development controls related to black and white negative materials. Development of intermediate/ advanced print making skills. Emphasis on visual and critical problems related to black and white photography.

Prerequisite: PHTO 50 (completed with a grade of "C" or higher).

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|-----|-------|-----------|-----------|-----|---------|-------------|----|-----|
| Eve | 21544 | Tue | 6:00-7:50 | 900 | HORVATH | 08/17-12/20 | GR | 093 |
| Lab | Tue | 8:00-8:50 | 311 | | | 08/17-12/20 | GR | |
| Lab | Th | 6:00-8:50 | 311 | | | 08/17-12/20 | GR | |

PHTO 67 HISTORY OF PHOTOGRAPHY 3.0 Units

A broad chronological survey of photography from its invention to the present. Considers the medium's dual role as technology and art. Addresses a multiplicity of photographic themes and purposes. Considers the intersections of photography and technology, history, art, and everyday life.

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|-----|-------|-----|-----------|-------|---------|-------------|----|-----|
| Eve | 22511 | Mon | 6:00-8:50 | PE209 | HORVATH | 08/17-12/20 | OP | 093 |
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PHYSICAL EDUCATION (See KINESIOLOGY)

PHYSICS

PHYS 2A INTRODUCTION TO PHYSICS I 4.0 Units

Introduction to the major principles of classical mechanics and electricity using precalculus mathematics. Includes Newtonian mechanics, energy, gravitation, fluids, thermodynamics, vibration waves, and electrostatics.

Prerequisite: Mathematics 20 or 36, 37 or 38 (completed with a grade of "C" or higher).

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|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 20127 | TTh | 9:30-10:45 | 1826 | STAFF | 08/17-12/20 | GR | V01 |
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|-----|-----|------------|------|--|--|-------------|----|--|
| Lab | Wed | 8:00-10:50 | 1831 | | | 08/17-12/20 | GR | |
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|-----|-------|---------|------------|------|-------|-------------|----|-----|
| Day | 22754 | Lab TTh | 9:30-10:45 | 1826 | STAFF | 08/17-12/20 | OP | V02 |
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| Wed | 1:30-4:20 | 1831 | | | | 08/17-12/20 | OP | |
|-----|-----------|------|--|--|--|-------------|----|--|

PHYS 8A GENERAL PHYSICS 5.0 Units

Introduction to the principles of Newtonian mechanics and analytical methods of physics using calculus as needed. Vectors, kinematics, dynamics, energy, momentum, rotation, gravitation and fluid mechanics.

Prerequisite: Mathematics 1 (completed with a grade of "C" or higher).

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|-----|-------|-----|-------------|------|---------|-------------|----|-----|
| Day | 20393 | TTh | 11:00-12:50 | 1816 | REHAGEN | 08/17-12/20 | OP | V01 |
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|-----|-----|-----------|------|--|--|-------------|----|--|
| Lab | Tue | 1:00-3:50 | 1831 | | | 08/17-12/20 | OP | |
|-----|-----|-----------|------|--|--|-------------|----|--|

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-------|------|-------------|------|------------|-------------|-------|-----|-----|-------|------|-------------|------|------------|-------------|-------|-----|
| Day | 20392 | TTh | 11:00-12:50 | 1816 | REHAGEN | 08/17-12/20 | OP | V02 | Day | 20641 | MW | 9:30-10:45 | 2450 | STAFF | 08/17-12/20 | OP | V01 |
| | Lab | Th | 1:00-3:50 | 1831 | | 08/17-12/20 | OP | | Day | 20015 | MW | 11:00-12:15 | 2450 | DOERR | 08/17-12/20 | OP | V02 |
| Day | 23163 | MW | 2:30-4:20 | 1872 | STAFF | 08/17-12/20 | OP | V03 | Day | 20784 | MW | 12:30-1:45 | 2205 | STAFF | 08/17-12/20 | OP | V03 |
| | Lab | Mon | 4:30-7:20 | 1831 | | 08/17-12/20 | OP | | Day | 20870 | MW | 2:00-3:15 | 2205 | STAFF | 08/17-12/20 | OP | V04 |
| Day | 23164 | MW | 2:30-4:20 | 1872 | STAFF | 08/17-12/20 | OP | V04 | Day | 20783 | TTh | 9:30-10:45 | 2450 | STAFF | 08/17-12/20 | OP | V05 |
| | Lab | Wed | 4:30-7:20 | 1831 | | 08/17-12/20 | OP | | Day | 20016 | TTh | 11:00-12:15 | 2420 | STAFF | 08/17-12/20 | OP | V06 |

PHYS 8B GENERAL PHYSICS II 5.0 Units
 Introduction to electricity and magnetism, circuits, Maxwell's equations and electromagnetic waves.
Prerequisite: Physics 8A (completed with a grade of "C" or higher) and Mathematics 3 (may be taken concurrently).

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Eve | 20640 | MW | 5:00-6:50 | 1828 | WHITE | 08/17-12/20 | OP | 093 |
| | Lab | Tue | 4:30-7:20 | 1831 | | 08/17-12/20 | OP | |

PHYS 8C GENERAL PHYSICS III 5.0 Units
 Introduction to oscillations, mechanical waves, thermodynamics, light and optics. Strongly recommended: Physics 8B.
Prerequisites: Physics 8A and Mathematics 2 (both completed with a grade of "C" or higher).

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|-----|-------|-----|------------|------|---------|-------------|----|-----|
| Day | 20586 | MW | 9:30-11:20 | 1816 | HARPELL | 08/17-12/20 | OP | V01 |
| | Lab | Mon | 11:30-2:20 | 1831 | | 08/17-12/20 | OP | |
| Day | 22630 | MW | 9:30-11:20 | 1816 | HARPELL | 08/17-12/20 | OP | V02 |
| | Lab | Th | 8:00-10:50 | 1831 | | 08/17-12/20 | OP | |

POLITICAL SCIENCE

POLI 7 INTRO TO AMERICAN GOVERNMENT 4.0 Units
 Introduction to the principles, problems and basic issues of government with particular emphasis on the national government in the United States, including discussion of the American Constitution, and California state and local government. Strongly recommended: Eligibility for English 1A.

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|-----|-------|--------|-------------|------|--------|-------------|----|-----|
| Day | 20792 | MW | 9:00-10:50 | 104 | TORRES | 08/17-12/20 | OP | V01 |
| Day | 21720 | MW | 12:30-2:20 | 104 | TORRES | 08/17-12/20 | OP | V02 |
| Day | 21721 | TTh | 9:00-10:50 | 2490 | TORRES | 08/17-12/20 | OP | V03 |
| Day | 20114 | TTh | 11:00-12:50 | 2490 | TORRES | 08/17-12/20 | OP | V04 |
| Day | 20115 | TTh | 1:00-2:50 | 2490 | STAFF | 08/17-12/20 | OP | V05 |
| Day | 20519 | TTh | 2:00-3:50 | 2203 | STAFF | 08/17-12/20 | OP | V06 |
| Day | 22094 | MW | 8:30-10:20 | 4130 | STAFF | 08/17-12/20 | OP | V07 |
| Eve | 20116 | TTh | 5:00-6:50 | 2460 | STAFF | 08/17-12/20 | OP | 093 |
| Eve | 23217 | MW | 5:00-6:50 | 4213 | STAFF | 08/17-12/20 | OP | 094 |
| Web | 20638 | ONLINE | | | STAFF | 08/17-12/20 | OP | DE1 |

POLI 7-DE1 (CRN 20638) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

POLI 30 INTERNATIONAL RELATIONS 3.0 Units
 Introduction to international relations, politics, theories and institutions with an emphasis on contemporary practices. Strongly recommended: Political Science 1 or 7 and eligibility for English 1A.

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|-----|-------|-----|-------------|------|-------|-------------|----|-----|
| Day | 20865 | TTh | 11:00-12:15 | 2205 | STAFF | 08/17-12/20 | OP | V01 |
|-----|-------|-----|-------------|------|-------|-------------|----|-----|

PSYCHOLOGY

PSYC 1 GENERAL PSYCHOLOGY 3.0 Units
 Introduces students to the scientific study of behavior and mental processes. Provides an overview of major psychological concepts and theories in such areas as consciousness, learning, memory, motivation, perception, personality, stress, and social behavior. Strongly recommended: Eligibility for English 1A.

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|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 20397 | TTh | 2:00-3:15 | 103 | STAFF | 08/17-12/20 | OP | V07 |
| Day | 20960 | Fri | 9:30-12:30 | 2204 | DOERR | 08/17-12/20 | OP | V08 |
| Day | 22467 | TTh | 12:30-1:45 | 2205 | ROY | 08/17-12/20 | OP | V09 |
| Day | 23038 | TTh | 8:00-9:15 | 2205 | STAFF | 08/17-12/20 | OP | V10 |
| Day | 23039 | MW | 3:30-4:45 | 2450 | STAFF | 08/17-12/20 | OP | V11 |
| Eve | 20270 | Wed | 7:00-9:50 | 2470 | STAFF | 08/17-12/20 | OP | 093 |
| Eve | 22137 | Tue | 4:00-6:50 | 2450 | STAFF | 08/17-12/20 | OP | 094 |
| Eve | 23165 | Mon | 6:00-8:50 | * | STAFF | 08/17-12/20 | OP | 095 |

*PSYC 1-095 will meet at Dublin High School in the Library.

Dublin High School Address: 8151 Village Parkway, Dublin CA 94568

Web 20372 ONLINE RUYS 08/17-12/20 OP DE1
PSYC 1-DE1 (CRN 20372) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 20840 ONLINE ROY 08/17-12/20 OP DE2
PSYC 1-DE2 (CRN 20840) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 21711 ONLINE BUNDY 08/17-12/20 OP DE3
PSYC 1-DE3 (CRN 21711) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 22352 ONLINE BUNDY 08/17-12/20 OP DE4
PSYC 1-DE4 (CRN 22352) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

PSYC 3 SOCIAL PSYCHOLOGY 3.0 Units
 This course will introduce theories and concepts that explain individual behavior in social settings. The topics include research methods, social perception, social cognition, beliefs, prejudice/discrimination, interpersonal relationships, aggression, and group behavior. Strongly recommended: Psychology 1.

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|-----|-------|--------|-------------|-----|-----|-------------|----|-----|
| Day | 20593 | TTh | 11:00-12:15 | 402 | ROY | 08/17-12/20 | OP | V01 |
| Web | 20866 | ONLINE | | | ROY | 08/17-12/20 | OP | DE1 |

PSYC 3-DE1 (CRN 20866) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

PSYC 4 BRAIN, MIND, AND BEHAVIOR 3.0 Units
 Introduction to the field of biopsychology. The biopsychology of cognitive, perceptual, emotional, developmental, and social processes. Includes the biopsychology of personality, gender, emotions, learning, learning disabilities, drugs, neurological and developmental disorders, and mental health. Examination of information and theory for practical application.
Prerequisite: Psychology 1.

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|-----|-------|--------|------------|------|-------|-------------|----|-----|
| Day | 20282 | MW | 9:30-10:45 | 2204 | JONES | 08/17-12/20 | OP | V01 |
| Day | 20214 | TTh | 12:30-1:45 | 2470 | JONES | 08/17-12/20 | OP | V02 |
| Day | 21712 | MW | 12:30-1:45 | 105 | DOERR | 08/17-12/20 | OP | V03 |
| Day | 22468 | MW | 3:30-4:45 | 2470 | JONES | 08/17-12/20 | OP | V04 |
| Web | 21260 | ONLINE | | | BUNDY | 08/17-12/20 | OP | DE1 |

PSYC 4-DE1 (CRN 21260) is an online course. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>.

PSYC 6 ABNORMAL PSYCHOLOGY 3.0 Units
 An introduction to mental health and the major mental health disorders in adults and children; includes anxiety, mood,

personality, sexual, and psychotic disorders. The course will include the study of the major psychological, biological, and sociocultural models of mental health disorders and their treatment.

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|-----|-------|-----|-------------|------|-------|-------------|----|-----|
| Day | 20373 | MW | 12:30-1:45 | 2490 | JONES | 08/17-12/20 | OP | V01 |
| Day | 20642 | TTh | 11:00-12:15 | 2460 | STAFF | 08/17-12/20 | OP | V02 |
| Eve | 20262 | Th | 7:00-9:50 | 2205 | STAFF | 08/17-12/20 | OP | 093 |

PSYC 10 PSYCHOLOGY OF HUMAN SEXUALITY 3.0 Units

Physiological and psychosocial aspects of sexual health in our contemporary society. Understanding the interrelationship of attitude and behavior as it relates to sexual well-being and sexual integrity.

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|-----|-------|----|-------------|------|---------|-------------|----|-----|
| Day | 20546 | MW | 9:30-10:45 | 2470 | LEVEQUE | 08/17-12/20 | OP | V01 |
| Day | 22469 | MW | 11:00-12:15 | 105 | LEVEQUE | 08/17-12/20 | OP | V02 |

PSYC 12 LIFE-SPAN PSYCHOLOGY 3.0 Units

Introduction to the psychological, physiological, and socio-cultural factors influencing development from conception through death. Emphasis on the process of normal development and its variations. Examination of theoretical models and research for practical application.

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|-----|-------|--------|------------|------|-------|-------------|----|-----|
| Day | 20867 | TTh | 9:30-10:45 | 2205 | STAFF | 08/17-12/20 | OP | V01 |
| Web | 22049 | ONLINE | | | RUYS | 08/17-12/20 | OP | DEI |

PSYC 12-DEI (CRN 22049) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

PSYC 13 PSYCHOLOGY OF WOMEN 3.0 Units

This course examines the diverse experiences of women from a psychological perspective. Students will explore psychological theory and research on gender and issues that affect women, and will gain insight into how psychologists investigate gender-related issues. Strongly recommended: Psychology 1.

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|-----|-------|----|-------------|-----|-----|-------------|----|-----|
| Day | 21069 | MW | 11:00-12:15 | 402 | ROY | 08/17-12/20 | OP | V01 |
|-----|-------|----|-------------|-----|-----|-------------|----|-----|

PSYC 15 ABNORMAL CHILD PSYCHOLOGY 3.0 Units

An exploration of the emotional, cognitive, developmental, and behavioral problems of childhood and adolescence. Topics include: common stresses and problems of adjustment; the effects of stress, abuse, and traumas on development; mental retardation, autism and other developmental disabilities; normal and abnormal problems of attention, conduct, mood, anxiety, sleep, eating, sex, learning and speech. Examination of theories of cause of mental health problems in children and adolescents and approaches to treatment. Examination of information and theory for practical application. Students who have completed or are enrolled in Early Childhood Development 15 may not receive credit.

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|-----|-------|----|------------|------|---------|-------------|----|-----|
| Day | 22658 | MW | 12:30-1:45 | 2306 | LIGNELL | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|------|---------|-------------|----|-----|

PSYC 16 SELECTED TOPICS IN PSYCHOLOGY 3.0 Units

Selected topics, issues and controversies in contemporary psychology. Study of behavior as a personal, social, and biological phenomenon. Examination of information and theory for practical application.

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|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 21287 | TTh | 9:30-10:45 | 2204 | JONES | 08/17-12/20 | OP | V01 |
|-----|-------|-----|------------|------|-------|-------------|----|-----|

THE PSYCHOLOGY OF SLEEP AND DREAMS

An overview of our current scientific understanding of sleeping and dreaming. Topics include: the stages of sleep; REM sleep; sleep need; sleep deprivation and sleep debt; learning and performance; the biological clock and circadian rhythms; dreaming content; lucid dreaming; the role of sleep and dreams in physical and mental health; sleep disorders; insomnia; narcolepsy; sleep apnea, sleepwalking; jet lag; and the impact of sleep deprivation and sleep disorders on academic and social life.

PSYC 25 RESEARCH METHODS 4.0 Units

Introduction to the use of the scientific method in the study of human and animal behavior. Coverage of descriptive, experimental, and non-experimental methods commonly used in psychological research. Topics will include ethical principles in research, hypothesis development and testing, observational methods, survey research, the fundamentals of experimental design, basic data analysis, and the presentation of research findings.

Prerequisites: PSYC 1 (completed with a grade of "C" or higher) and MATH 40 (completed with a grade of "C" or higher - May be taken concurrently) or MATH 44 (completed with a grade of "C" or higher).

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|-----|-------|-----|------------|-----|-------|-------------|----|-----|
| Day | 22048 | TTh | 12:30-1:45 | 804 | STAFF | 08/17-12/20 | OP | V01 |
| | Lab | TTh | 2:00-3:15 | 804 | | 08/17-12/20 | OP | |

PSYCHOLOGY-COUNSELING

PSCN 3 INTRO TO COUNSELING THEORY 3.0 Units

Introduction to counseling theory and practice with emphasis on fundamental principles of counseling process including diagnostic methodologies, behavioral assessment, goal setting, multicultural sensitivity and need to understand client reality and to facilitate change. Focus on essential counseling theories, major diagnostic categories, problems and solutions of recovery, cultural diversity, and ethical issues.

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|-----|-------|-----|------------|------|-------|-------------|----|-----|
| Day | 20981 | TTh | 12:30-1:45 | 1641 | GECOX | 08/17-12/20 | OP | V01 |
|-----|-------|-----|------------|------|-------|-------------|----|-----|

PSCN 8 THEORIES/CONCEPTS OF GRP PROC 3.0 Units

Concepts and theories of group process for effective functioning in interpersonal and group settings. Includes an introduction to counseling skills such as empathizing, mindful listening, interviewing, decision-making, and conflict resolution. Emphasis on group stages and corresponding group leader techniques. Comparative and integrative approaches to five ethnic groups will be explored: African-Americans, Asian-Americans, European-Americans, Latino-Americans, and Native Americans. Focus on improving the individual's understanding of group dynamics in human services settings and relating across differences of race, gender, ethnicity, sexual orientation, and social class. 3 hours lecture.

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|-----|-------|----|-------------|------|--------|-------------|----|-----|
| Day | 22949 | MW | 11:00-12:15 | 1641 | GAGNON | 08/17-12/20 | OP | V01 |
|-----|-------|----|-------------|------|--------|-------------|----|-----|

PSCN 10 CAREER AND EDUCATION PLANNING 2.0 Units

Exploration of the concept of career, educational and life planning focusing on personal career development through self-assessment. Emphasis on clarification of individual interests, values, needs, abilities and decision making styles, investigation of occupational opportunities in the world of work, and introduction to job search strategies, resume writing and interview skills. Designed for those undecided or uncertain about their career and educational plans.

Students enrolled in PSCN 10 will be assessed an additional materials fee of \$27 at registration.

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Day | 20168 | TTh | 2:00-2:55 | 1641 | STAFF | 08/29-12/20 | OP | LSI |
|-----|-------|-----|-----------|------|-------|-------------|----|-----|

PSCN 10-LSI (CRN 20168) is a Late Start course that meets from Aug 29-Dec 20.

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|-----|-------|-----|-----------|------|---------|-------------|----|-----|
| Eve | 21072 | Wed | 5:00-6:50 | 1641 | GRAVINO | 08/17-12/20 | OP | 093 |
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|-----|-------|--------|--|--|-----|-------------|----|-----|
| Web | 20552 | ONLINE | | | LEE | 08/17-12/20 | OP | DEI |
|-----|-------|--------|--|--|-----|-------------|----|-----|

PSCN 10-DEI (CRN 20552) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

PSCN 13 MULTICULTURAL ISSUES/AMERICA 3.0 Units

Exploration of issues relating to the multicultural community in which we live. Focus on improving the individual's understanding of other cultures and how those cultures impact the American lifestyle. Includes exploration of myths and misunderstandings. Discussion of four specific cultures or sub-cultures from the following groups: 1) African-American, 2) Asian-American, 3) Hispanic-American, 4) Native-American, 5) Middle Eastern-American, 6) European-American, 7) Gay/Lesbian American, 8) Disabled American.

Day 20655 TTh 4:00-5:30 1641 GECOX 08/29-12/20 OP LEI
PSCN 13-LEI (CRN 20655) is a Late Start course that meets from Aug 29-Dec 20.

Day 20901 TTh 9:30-10:45 1641 STAFF 08/17-12/20 OP V01

Web 20608 ONLINE LEE 08/17-12/20 OP DE1

PSCN 13-DE1 (CRN 20608) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 22820 ONLINE LIRA 08/29-10/21 OP L01

PSCN 13-L01 (CRN 22820) is a Late Start online course that meets from Aug 29-Oct 21. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 22200 ONLINE LIRA 10/17-12/09 OP L02

PSCN 13-L02 (CRN 22200) is a Late Start online course that meets from Oct 17-Dec 9. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

PSCN 15 COLLEGE STUDY SKILLS 2.0 Units

Review of study skill techniques for success in college. Time management, personal learning style, active listening, note-taking and test-taking strategies. Use of modeling, practice and evaluation of study skill techniques.

Day 21672 MW 12:30-2:00 1641 STAFF 10/17-12/09 OP FT2
PSCN 15-FT2 (CRN 21672) is a Fast Track course that meets from Oct 17-Dec 9.

Web 20793 ONLINE STAFF 08/17-10/14 OP DE1

PSCN 15-DE1 (CRN 20793) is a Fast Track online course that meets from Aug 17-Oct 14. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

PSCN 18 UNIVERSITY/TRANSFER PLANNING 1.0 Units

Introduction to the resources and planning process needed to ease transition from community college to a four-year college or university. Development of a transfer action plan. Preparation for major and general education requirements. Application cycles and important deadlines. Recommended for those transferring to four-year colleges or universities. 17.5 hours lecture.

Day 21406 MW 12:30-1:20 1602 STAFF 10/17-12/09 OP FT2
PSCN 18-FT2 (CRN 21406) is a Fast Track course that meets from Oct 17-Dec 9.

Web 22950 ONLINE SCHWARZ 08/29-12/20 OP L01

PSCN 18-L01 (CRN 22950) is a Late Start online course that meets from Aug 29-Dec 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

PSCN 28 ORIENTATION / INTERNAL STUDENTS 1.0 Units

Exploration of practical strategies for academic success and to experience a positive transition into the American educational system and culture focusing on the new international student. Examines goal setting, cultural adjustment, college policies, and services, student rights and responsibilities, introduction to the California systems of higher education, student educational planning and other topics as needs are identified. Designed for first time international college students in order to enhance their transition into American society and maximize successful matriculation through college toward their academic goals.

Required for all foreign-visa students. 1 hour lecture

Day 20880 Mon 2:00-2:55 1602 GECOX 08/29-12/20 P/N LSI
PSCN 28-LSI (CRN 20880) is a Late Start course that meets from Aug 29-Dec 20.

PSCN 30 STUDENT SUCCESS & EXPERIENCE 3.0 Units

This course explores concepts, knowledge, and skills relevant to college success. Students will engage in critical analysis on a variety of topics, including motivation, decision making, interpersonal communication, multicultural awareness, and learning theory. Problem solving strategies will be applied to areas and accessing campus resources.

Day 22729 TTh 9:30-10:45 1602 GIOIA 08/17-12/20 OP V01

Day 22951 MW 9:30-10:45 1641 DISCUA 08/17-12/20 OP V02

Day 22952 TTh 11:00-12:30 1602 VENJOHN 08/29-12/20 OP LSI

PSCN 30-LSI (CRN 22952) is a Late Start course that meets from Aug 29-Dec 20.

Day 22730 MW 9:30-10:45 1602 VALLE 08/17-12/20 OP P01

PSCN 30-P01 (CRN 22730) is part of the Puente Program Learning Community and is linked to ENG 1A (CRN 23225). For more information, or to register for the program, please contact Rafael Valle at rvalle@laspositascollege.edu.

RELIGIOUS STUDIES

RELS 1 RELIGIONS OF THE WORLD 3.0 Units

Introduction to religion by examining several religions; basic principles of each shown by fundamental scriptures and works in the visual and musical arts.

Eve 22751 Mon 6:00-8:50 * STAFF 08/17-12/20 OP 093

**RELS 1-093 (CRN 22751) will meet at Village High School in the Multi-Purpose Room. Village High School Address: 4645 Bernal Ave. Pleasanton, CA 94566*

Web 20329 ONLINE STAFF 08/17-12/20 GR DE1

RELS 1-DE1 (CRN 20329) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 20598 ONLINE STAFF 08/17-12/20 GR DE2

RELS 1-DE2 (CRN 20598) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

RELS 2 BIBLE: HISTORY AND LITERATURE 3.0 Units

Study of the historical context and literary forms of the Hebrew Bible and New Testament. Emphasis on social, political and economic origins of the works, their literary motifs, and how their creation reflected ongoing cultural values.

Eve 20623 Tue 7:00-9:50 4138 STAFF 08/17-12/20 OP 093

SOCIOLOGY

SOC 1 PRINCIPLES OF SOCIOLOGY 3.0 Units

The sociological perspective: scientific study of human interaction and society as a whole with emphasis on the impact of groups on social behavior, systematic examination of culture, social organization, and methodology.

Day 20017 MW 9:30-10:45 106 HIROSE 08/17-12/20 OP V01

Day 21724 TTh 9:30-10:45 PE212 HIROSE 08/17-12/20 OP V02

Day 20018 Fri 9:30-12:30 2490 STAFF 08/17-12/20 OP V03

Eve 22711 MW 4:30-5:45 105 STAFF 08/17-12/20 OP 093

Eve 20810 MW 6:00-7:15 105 STAFF 08/17-12/20 OP 094

Web 20398 ONLINE THOMPSON 08/17-12/20 OP DE1

SOC 1-DE1 (CRN 20398) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

Web 20664 ONLINE THOMPSON 08/17-12/20 OP DE2
SOC 1-DE2 (CRN 20664) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 22293 ONLINE THOMPSON 08/17-12/20 OP DE3
SOC 1-DE3 (CRN 22293) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

SOC 3 CULTURAL AND RACIAL MINORITIES 3.0 Units

Racial and ethnic relations in the United States. Examines the cultural, political, and economic practices and institutions that support or challenge racism, and ethnic inequalities, as well as patterns of interaction between various racial and ethnic groups.

Day 20399 MW 12:30-1:45 PE209 HIROSE 08/17-12/20 OP V01

Web 20877 ONLINE HIROSE 08/17-12/20 OP DE1
SOC 3-DE1 (CRN 20877) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 22712 ONLINE HIROSE 08/17-12/20 OP DE2
SOC 3-DE2 (CRN 22712) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

SOC 4 MARRIAGE AND FAMILY RELATIONS 3.0 Units

This course looks at the changing roles and formations of family over time with a particular emphasis on the impact of industrialization on our definitions of family. This includes changing courtship patterns, reproductive strategies and the meanings of childhood and parenthood. Current issues such as work/family balance and divorce are also covered.

Day 20928 TTh 9:30-10:45 106 STAFF 08/17-12/20 OP V01

Web 22292 ONLINE STAFF 08/17-12/20 OP DE1
SOC 4-DE1 (CRN 22292) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

SOC 5 GLOBAL CHANGE 3.0 Units

This course looks at the economic and political forces that have led to the rapid changes in global interaction and culture over the past century, with special emphasis on the last twenty years. It explores the issues of nationalism, global citizenry, state violence, terrorism, the global economy, migration, the threatened environment, technology, and the role of multinational media industries on the culture.

Day 20895 TTh 9:30-10:45 505 THOMPSON 08/17-12/20 OP V01

SOC 6 SOCIAL PROBLEMS 3.0 Units

An identification and analysis of contemporary social problems including (1) the role of power and ideology in the definition of social problems, (2) their causes and consequences, (3) evaluations of proposed solutions, and (4) methods of intervention. Topics will vary.

Web 20819 ONLINE STAFF 08/17-12/20 OP DE1
SOC 6-DE1 (CRN 20819) is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

SOC 7 SOCIOLOGY OF SEXUALITY 3.0 Units

This course looks at the social forces that influence, and are influenced by our construction of sexuality. Topics covered include: the social construction of the erotic, the creation of sexual identities, gender and sexuality, religion and sexuality, sexual commerce, and global issues such as birth control and STDs.

Day 20548 TTh 2:00-3:15 403 STAFF 08/17-12/20 OP V01

SOC 11 SOCIOLOGY OF GENDER 3.0 Units

This course examines the social construction of masculinity and femininity historically and cross-culturally. It analyzes the impact of economic and political change on gender expectations and practices. This class focus includes both macro-analyses of how institutions shape gender and microanalyses of how individuals "do" or practice gender.

Day 22713 MW 11:00-12:15 106 THOMPSON 08/17-12/20 OP V01

SOC 12 POPULAR CULTURE 3.0 Units

The course explores the historical, theoretical, political, and economic factors that influence the creation and diffusion of popular culture. It examines the impact of technological innovation and globalization on how popular culture is consumed and how this affects society.

Day 21348 MW 12:30-1:45 505 STAFF 08/17-12/20 OP V01

SPANISH

SPAN 1A BEGINNING SPANISH 5.0 Units

The introductory level course will enable students to begin speaking, reading and writing elementary level Spanish as well as understanding the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts. 5 hours. Strongly Recommended: Eligibility for English 1A.

Day 20072 MW 9:30-11:45 103 SUAREZ 08/17-12/20 OP V01

Day 20073 MW 8:30-10:45 105 NEVAREZ 08/17-12/20 OP V02

Day 20308 TTh 12:30-2:45 4213 SUAREZ 08/17-12/20 OP V03

The above SPAN 1A sections (CRN 20072, 20073, 20308) are open to all students but have an optional embedded honors component. Students who qualify for the Honors Transfer Program may take them for honors credit. See instructor and visit www.laspositascollege.edu/honors for more information.

Day 21722 MW 12:00-2:15 4127 SUAREZ 08/17-12/20 OP V04

Eve 20594 TTh 6:00-8:15 402 NEVAREZ 08/17-12/20 OP 094

SPAN 1B ELEMENTARY SPANISH 5.0 Units

This is the second semester of the introductory level course and will enable students to continue to learn to speak, read and write elementary level Spanish as well as to understand the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts.

Prerequisite: Spanish 1A (completed with a "C" or higher).

Day 20796 TTh 9:30-11:45 507 SUAREZ 08/17-12/20 OP V01

SPAN 1B-V01 (CRN 20796) is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit www.laspositascollege.edu/honors for more information.

SPEECH

SPCH 1 FUNDAMENTALS/SPEECH COMMUNICAT 3.0 Units

Theory and techniques of public speaking. Discovery, development, and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches; includes developing the faculties of critical listening and problem solving. Strongly recommended: Eligibility for English 1A.

Day 20106 MW 8:00-9:15 4213 DRUMMOND 08/17-12/20 OP V01

Day 20504 MW 9:30-10:45 4213 DRUMMOND 08/17-12/20 OP V02

Day 20517 TTh 9:30-10:45 4212 DOBSON 08/17-12/20 OP V03

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|--|-------|------|-------------|------|-------------|-------------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
| Day | 20101 | MW | 12:30-1:45 | 4212 | BREHE-JOHNS | 08/17-12/20 | OP | V04 | | | | | | | | | |
| Day | 20102 | MW | 11:00-12:15 | 4213 | HEISLER | 08/17-12/20 | OP | V05 | | | | | | | | | |
| Day | 20264 | Fri | 9:30-12:20 | 4213 | HEISLER | 08/17-12/20 | OP | V06 | | | | | | | | | |
| Day | 20104 | TTh | 8:00-9:15 | 4212 | DOBSON | 08/17-12/20 | OP | V07 | | | | | | | | | |
| Day | 20103 | MW | 2:00-3:15 | 4212 | JACOBS | 08/17-12/20 | OP | V08 | | | | | | | | | |
| Day | 20391 | TTh | 9:30-10:45 | 4213 | JOVIEN | 08/17-12/20 | OP | V09 | | | | | | | | | |
| Day | 20516 | TTh | 11:00-12:15 | 4212 | HEISLER | 08/17-12/20 | OP | V10 | | | | | | | | | |
| Day | 22349 | TTh | 11:00-12:15 | 4213 | JOVIEN | 08/17-12/20 | OP | V11 | | | | | | | | | |
| Day | 23047 | MW | 8:00-9:15 | 4212 | JACOBS | 08/17-12/20 | OP | V12 | | | | | | | | | |
| Day | 22821 | MW | 12:30-1:45 | 4213 | HEISLER | 08/17-12/20 | OP | V13 | | | | | | | | | |
| Day | 20105 | TTh | 12:30-3:20 | 4212 | HEISLER | 08/17-10/14 | OP | FT1 | | | | | | | | | |
| <p><i>SPCH 1-FT1 (CRN 20105) is a Fast Track course that meets from Aug 17-Oct 14.</i></p> | | | | | | | | | | | | | | | | | |
| Day | 20254 | TTh | 12:30-3:40 | 4212 | HEISLER | 10/17-12/09 | OP | FT2 | | | | | | | | | |
| <p><i>SPCH 1-FT2 (CRN 20254) is a Fast Track course that meets from Oct 17-Dec 9.</i></p> | | | | | | | | | | | | | | | | | |
| Eve | 20568 | Tue | 7:00-9:50 | 4212 | BREHE-JOHNS | 08/17-12/20 | OP | 093 | | | | | | | | | |
| Eve | 20107 | Wed | 7:00-9:50 | 4212 | DRUMMOND | 08/17-12/20 | OP | 094 | | | | | | | | | |
| Eve | 20267 | Th | 7:00-9:50 | 4213 | NORTON | 08/17-12/20 | OP | 095 | | | | | | | | | |
| Eve | 20268 | Mon | 7:00-9:50 | 4212 | PEREZ | 08/17-12/20 | OP | 096 | | | | | | | | | |
| Eve | 22778 | Tue | 7:00-9:50 | 1641 | JOVIEN | 08/17-12/20 | OP | 097 | | | | | | | | | |

SPCH 2A ORAL INTERPRET/LITERATURE I 3.0 Units
 Development of skills in reading literature aloud. Practice in writing criticism of the literature presented orally.

| | | | | | | | | |
|-----|-------|----|-------------|------|-------------|-------------|----|-----|
| Day | 20309 | MW | 11:00-12:15 | 4212 | BREHE-JOHNS | 08/17-12/20 | OP | V01 |
|-----|-------|----|-------------|------|-------------|-------------|----|-----|

SPCH 10 INTERPERSONAL COMMUNICATION 3.0 Units
 Exploration, discussion, and evaluation of the principles of the verbal and non-verbal communication process in relationships. Study of theory and research findings and their application to communication in interpersonal relationships in personal and professional contexts. Strongly recommended: Eligibility for English 1A or 52A.

| | | | | | | | | |
|-----|-------|-----|------------|------|--------|-------------|----|-----|
| Day | 20551 | Fri | 9:30-12:20 | 4212 | DOBSON | 08/17-12/20 | OP | V01 |
|-----|-------|-----|------------|------|--------|-------------|----|-----|

SPCH 46 ARGUMENTATION AND DEBATE 3.0 Units
 Analysis of contemporary questions through written and spoken discourse. Analysis, criticism, and synthesis of contemporary moral, political, economic and philosophical issues of a diverse, multicultural society, using traditional and modern models of argumentation. Strongly recommended: English 1A.

| | | | | | | | | |
|-----|-------|----|-----------|------|-------|-------------|----|-----|
| Eve | 21713 | MW | 4:00-5:15 | 4212 | PEREZ | 08/17-12/20 | OP | 093 |
|-----|-------|----|-----------|------|-------|-------------|----|-----|

SPCH 48 ACTIVITIES IN FORENSICS 1.0 Units
 Competition in the areas of public speaking and oral interpretation. Preparation, including research and writing; practice; and participation and performance in intercollegiate speech and debate tournaments.

| | | | | | | | | |
|-----|-------|------------|------------|------|--------|-------------|----|-----|
| Day | 20639 | Lab Fri | 1:30-4:20 | 4211 | DOBSON | 08/17-12/20 | OP | V01 |
| | | Lab By Arr | 2.0 Hrs/Wk | 4211 | | 08/17-12/20 | OP | |

SPCH 48-V01 (CRN 20639) is offered for 1.0-4.0 units.

THEATER ARTS

THEA 1A THEORY/PRACTICE OF ACTING I 3.0 Units

This course prepares a student to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance: memorization, stage movement, vocal production, and interpretation of text. An introduction to the techniques and theories of acting, explored through improvisation, exercises and scene study. Students should be able to demonstrate the following skills: development of the physical and psychological resources for acting including relaxation, concentration, creativity, believability, and commitment. Strongly recommended: English 1A.

| | | | | | | | | |
|-----|-------|-----|-------------|------|------|-------------|----|-----|
| Day | 21286 | MW | 11:00-12:15 | 4128 | ROSS | 08/17-12/20 | GR | V01 |
| Day | 20231 | TTh | 11:00-12:15 | 4128 | LISH | 08/17-12/20 | GR | V02 |

THEA 1B THEORY/PRACTICE OF ACTING II 3.0 Units

Continued exploration of the theory and practice of acting, focusing on more complex characterization and character analysis. Introduction to theatrical styles and period acting with emphasis on monologues and scenes.

Prerequisite: Theater Arts 1A (or equivalent acting class or acting performance experience).

| | | | | | | | | |
|-----|-------|-----|------------|------|------|-------------|----|-----|
| Day | 23066 | TTh | 12:30-1:45 | 4128 | LISH | 08/17-12/20 | OP | V01 |
|-----|-------|-----|------------|------|------|-------------|----|-----|

THEA 3A BEGINNING IMPROVISATION 3.0 Units

An entry level course designed to introduce to students to concepts of improvisation and creative dramatics. It will encourage students to "think out of the box", promoting creative problem solving within a supportive ensemble. Recommended for non-majors (Early Childhood education, Business, Speech/Communication majors especially encouraged) as well as Theatre: AA students.

| | | | | | | | | |
|-----|-------|----|------------|------|--------|-------------|----|-----|
| Day | 23067 | MW | 12:30-1:45 | 4128 | WISELY | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|------|--------|-------------|----|-----|

THEA 3B INTERMEDIATE IMPROVISATION 3.0 Units

This course will teach students Long-Form Improvisation. The class will concentrate on finding style and improving skills through various in class, supportive, exercises. We will focus on accepting/supporting, creating honest and strong relationship, and developing complex and engaging circumstances.

| | | | | | | | | |
|-----|-------|----|------------|------|--------|-------------|----|-----|
| Day | 23068 | MW | 12:30-1:45 | 4128 | WISELY | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|------|--------|-------------|----|-----|

THEA 10 INTRODUCTION TO DRAMATIC ARTS 3.0 Units

A survey of the elements of Theater event, it's contribution to cultures and societies throughout history. Transferability: IGETC: 3A CSU GE: C1

| | | | | | | | | |
|-----|-------|----|------------|------|------|-------------|----|-----|
| Day | 20266 | MW | 9:30-10:45 | 4128 | LISH | 08/17-12/20 | OP | V01 |
|-----|-------|----|------------|------|------|-------------|----|-----|

THEA 47A PERFORM IN PROD:INTRO LIVE 3.0 Units

This course provides instruction and supervised participation in theatre rehearsal and performance. On stage participation in cast of scheduled main stage production. Enrollment is for the duration of the production.

ENROLLMENT BY AUDITION ONLY

| | | | | | | | | |
|-----|-------|-----------|------------|------|----------|-------------|----|-----|
| Eve | 23069 | MTWTh | 7:00-8:05 | 4127 | MAC LEAN | 08/17-10/30 | OP | 093 |
| | | Lab MTWTh | 8:10-10:00 | 4127 | | 08/17-10/30 | OP | |

THEA 47A-093 (CRN 23069) is a Short Term course that meets from Aug 17-Oct 30.

| | | | | | | | | |
|-----|-------|-----------|------------|------|------|-------------|----|-----|
| Eve | 23070 | MTWTh | 7:00-8:05 | 4127 | LISH | 10/03-12/20 | OP | LE1 |
| | | Lab MTWTh | 8:10-10:00 | 4127 | | 10/03-12/20 | OP | |

THEA 47A-LE1 (CRN 23070) is a Late Start course that meets from Oct 3-Dec 20.

REMEMBER TO ACCESS YOUR STUDENT ZONEMAIL

PLEASE NOTE: All messages from the College are sent to this email address. Your registration date will be emailed to your ZONEmail account. Check your ZONEmail regularly to avoid missing any important information or notices. See page 4 for details.

THEA 47B PERFORMANCE IN PROD: BEGINNING 3.0 Units

As a continuation of THEA 47A, students will participate in the cast of a scheduled main stage production. Emphasis will be on character development, objectives, and actions.

ENROLLMENT BY AUDITION ONLY

| | | | | | | | | |
|---|-------|-------|------------|------|----------|-------------|----|-----|
| Eve | 23072 | MTWTh | 7:00-10:00 | 4127 | MAC LEAN | 08/17-10/30 | OP | 093 |
| <i>THEA 47B-093 (CRN 23072) is a Short Term course that meets from Aug 17-Oct 30.</i> | | | | | | | | |
| Eve | 23071 | MTWTh | 7:00-10:00 | 4127 | LISH | 10/03-12/20 | OP | LEI |
| <i>THEA 47B-LEI (CRN 23071) is a Late Start course that meets from Oct 3-Dec 20.</i> | | | | | | | | |

THEA 47C PERFORMANCE IN PROD: INTERMED. 3.0 Units

This course is a continuation of THEA 47B. Student will participate in the cast of a scheduled main stage production. This course will focus on rehearsal technique, personal creative exploration, and ensemble building and motivated performance response.

ENROLLMENT BY AUDITION ONLY

| | | | | | | | | |
|---|-------|-------|------------|------|----------|-------------|----|-----|
| Eve | 23073 | MTWTh | 7:00-10:00 | 4127 | MAC LEAN | 08/17-10/30 | OP | 093 |
| <i>THEA 47C-093 (CRN 23073) is a Short Term course that meets from Aug 17-Oct 30.</i> | | | | | | | | |
| Eve | 23074 | MTWTh | 7:00-10:00 | 4127 | LISH | 10/03-12/20 | OP | LEI |
| <i>THEA 47C-LEI (CRN 23074) is a Late Start course that meets from Oct 3-Dec 20.</i> | | | | | | | | |

THEA 47D PERFORMANCE IN PROD: ADVANCED 3.0 Units

As a continuation of THEA 47C, students will continue to develop onstage with participation in the cast of the scheduled main stage production. This course will emphasize complexity and polish in performance, personal and creative development as a theater professional, and outreach and publicity obligations.

ENROLLMENT BY AUDITION ONLY

| | | | | | | | | |
|---|-------|-------|------------|------|----------|-------------|----|-----|
| Eve | 23075 | MTWTh | 7:00-10:00 | 4127 | MAC LEAN | 08/17-10/30 | OP | 093 |
| <i>THEA 47D-093 (CRN 23075) is a Short Term course that meets from Aug 17-Oct 30.</i> | | | | | | | | |
| Eve | 23076 | MTWTh | 7:00-10:00 | 4127 | LISH | 10/03-12/20 | OP | LEI |
| <i>THEA 47D-LEI (CRN 23076) is a Late Start course that meets from Oct 3-Dec 20.</i> | | | | | | | | |

THEA 48A TECH THEATER IN PROD-BEGINNING 3.0 Units

Students will gain practical experience in the application of production responsibilities in any of the following: stage management, house management, construction, scenery, properties, costume, lighting, sound and running crews. Enrollment is for the duration of the semester. Strongly Recommended: THEA 50 (completed with a grade of "C" or higher).

| | | | | | | | | |
|-----|-------|--------|------------|------|-------|-------------|----|-----|
| Day | 23077 | TTh | 3:30-5:20 | 4125 | STAFF | 08/17-12/20 | OP | V01 |
| | | TTh | 5:30-6:30 | 4125 | | 08/17-12/20 | OP | |
| | | By Arr | 2.0 Hrs/Wk | tba | | 08/17-12/20 | OP | |

THEA 48B TECH THEATER IN PROD: INTERMED. 3.0 Units

Participation in scheduled productions and events as crew members and/or construction of said productions technical elements, including lighting and sound implementation. Enrollment is for the duration of the semester. Students may participate in the design and board operation of multiple productions or events per semester.

| | | | | | | | | |
|-----|-------|------------|------------|------|-------|-------------|----|-----|
| Day | 23078 | TTh | 3:30-5:20 | 4125 | STAFF | 08/17-12/20 | OP | V01 |
| | | Lab TTh | 5:30-6:30 | 4125 | | 08/17-12/20 | OP | |
| | | Lab By Arr | 2.0 Hrs/Wk | 4125 | | 08/17-12/20 | OP | |

THEA 48C TECH THEATER PRODUCTION-ADV. 3.0 Units

Participation in scheduled productions as DESIGNER and/ or assistant designers of said productions technical elements, including scenic, costume, lighting and sound design. Enrollment is for the duration of the semester. Students may participate in more than one production per semester, as needed.

| | | | | | | | | |
|-----|-------|------------|------------|------|-------|-------------|----|-----|
| Day | 23079 | TTh | 3:30-5:20 | 4125 | STAFF | 08/17-12/20 | OP | V01 |
| | | Lab TTh | 5:30-6:30 | 4125 | | 08/17-12/20 | OP | |
| | | Lab By Arr | 2.0 Hrs/Wk | 4125 | | 08/17-12/20 | OP | |

THEA 48D TECH.THEATER-PROD. MANAGEMENT 3.0 Units

Participation in scheduled productions as manager of productions technical elements, including stage management, house management, and publicity management. Enrollment is for the duration of the semester. Students may participate in more than one production or event per semester.

| | | | | | | | | |
|-----|-------|------------|------------|------|-------|-------------|----|-----|
| Day | 23080 | TTh | 3:30-5:20 | 4125 | STAFF | 08/17-12/20 | OP | V01 |
| | | Lab TTh | 5:30-6:30 | 4125 | | 08/17-12/20 | OP | |
| | | Lab By Arr | 2.0 Hrs/Wk | 4125 | | 08/17-12/20 | OP | |

THEA 50 STAGECRAFT 3.0 Units

An introduction to technical theatre and the creation of scenic elements. Includes basic concepts of design, painting techniques, set construction, set movement, prop construction, backstage organization, and career possibilities. May include stage management, projects, and practical experience.

| | | | | | | | | |
|-----|-------|------------|------------|------|-------|-------------|----|-----|
| Day | 22477 | MW | 2:00-3:00 | 4125 | STAFF | 08/17-12/20 | OP | V01 |
| | | Lab MW | 12:00-1:50 | 4125 | | 08/17-12/20 | OP | |
| | | Lab By Arr | 2.0 Hrs/Wk | 4125 | | 08/17-12/20 | OP | |

THEA 50L INTRODUCTION TO STAGE LIGHTING 3.0 Units

This course involves the study and execution of stage lighting with emphasis on equipment, control, and their relationship to design. Introduction to stage lighting design. Physics of light, color, electricity; components of basic lighting technology; comprehensive overview of the art of theater lighting design.

| | | | | | | | | |
|-----|-------|------------|------------|------|-------|-------------|----|-----|
| Day | 23081 | TTh | 12:00-1:50 | 4240 | STAFF | 08/17-12/20 | OP | V01 |
| | | Lab TTh | 2:00-3:00 | 4240 | | 08/17-12/20 | OP | |
| | | Lab By Arr | 2.0 Hrs/Wk | 4240 | | 08/17-12/20 | OP | |

TUTORING

TUTR 17A TUTORING THEORY AND PRACTICE I 0.5 Units

Training for college tutors to acquire specific skills and techniques for tutoring in academic and vocational subject areas, and basic skills. The course will provide a conceptual framework of tutoring to guide students in leading effective tutoring sessions.

| | | | | | | | | |
|-----|-------|------------|------------|------|---------|-------------|-----|-----|
| Day | 22716 | Lab By Arr | 1.0 Hrs/Wk | 2401 | TRUMMEL | 08/17-12/20 | P/N | V01 |
| | | Sat | 9:00-3:00 | 2401 | | 08/27 only | P/N | |
| | | Sat | 9:00-12:00 | 2401 | | 09/10 only | P/N | |

TUTR 17B TUTORING THEORY & PRACTICE II 0.5 Units

Intermediate training class for college tutors. Tutors will acquire specific skills and techniques for tutoring in academic subjects, vocational subjects and basic skills. Required course for second semester tutors participating in the Las Positas College Tutorial Program.

Prerequisite: TUTR 17A.

| | | | | | | | | |
|---|-------|--------|------------|------|---------|-------------|-----|-----|
| Day | 22757 | By Arr | 1.0 Hrs/Wk | 2401 | TRUMMEL | 08/17-12/20 | P/N | V01 |
| <i>TUTR 17B-V01 (CRN 22757) also meets on the following Fridays from 1:00-3:00pm in room 2401: Aug 19, Aug 26, Sept 9, Sept 16, Oct 7, and Nov 4.</i> | | | | | | | | |

Courses, dates, and times are subject to change. Please check the college website at www.laspositascollege.edu for the most up-to-date information regarding Fall course offerings.

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

TUTR 17C TUTORING THEORY & PRACTICE III 0.5 Units

Advanced training for college tutors to obtain skills and techniques in academic and vocational subject areas and basic skills remediation. Emphasis upon leading group tutoring sessions, mentoring new tutors, and tutoring students with learning disabilities. Required course for third semester tutors participating in the Las Positas College Tutorial Program.

Prerequisite: TUTR 17B

Day 23040 Lab By Arr 1.0 Hrs/Wk 2401 TRUMMEL 08/17-12/20 OP V01

TUTR 17C-V01 (CRN 23040) also meets on the following Fridays from 1:00-3:00pm in room 2401: Aug 19, Aug 26, Sept 9, Sept 16, Oct 7, and Nov 4.

TUTR 200 SUPRVSD LEARN ASSIST-IND STUDY 0.0 Units

Individualized student tutoring (supplemental learning assistance) provided to students requesting assistance or referred by a counselor or an instructor. Trained tutors and instructors will provide tutoring in basic skills, academic and vocational subject matter areas including mathematics, English, science, social science, humanities and a variety of general education courses vital to the overall success and retention of students.

Day 20261 By Arr 22.0 Hrs/Wk tba TRUMMEL 08/17-12/20 OP V01

VISUAL COMMUNICATIONS

VCOM 50 VISUAL COM/PROCESS OF DESIGN 2.0 Units

Introduction to the vocation of visual communication and the creative processes, methods and tools used in developing concepts and final designs for print or web. Emphasis is placed on exploring the conceptual design process, learning the language of design, and basic level technical skills and techniques used across industry standard software, cross-platform operating systems, and hardware. Strongly recommended: VCOM 48.

Day 20417 Tue 8:00-8:50 tba STAFF 08/17-12/20 OP V01

Lab Tue 9:00-10:15 tba 08/17-12/20 OP

Lab Th 8:00-10:15 tba 08/17-12/20 OP

All VCOM courses include lecture and studio times. You may need to purchase a special VCOM color printing card and/or other supplies. Your instructor will discuss this at the first class meeting.

VCOM 53 PHOTOSHOP I FOR DESIGN 2.0 Units

Technical and skill development course using the most recent version of Photoshop at the basic to intermediate level to create and manipulate digital paintings, photographs and illustrations. Emphasis on basic to intermediate level techniques and tools used to create image files suitable for print and screen. Design principles emphasized to create effective output through computer-based composition. Strongly Recommended: VCOM 48.

Day 21714 Mon 9:00-9:50 tba STAFF 08/17-12/20 OP V01

Lab Mon 10:00-1:50 tba 08/17-12/20 OP

VCOM 57 DESIGN CONCEPTS II 3.0 Units

Design and technical skills intermediate-level course in the creative processes, methods and tools used from concept to final design for commercial purposes in print and web (e.g., logos, related brand symbols, collateral materials, simple business publications, print screen advertising, and packaging.) Emphasis is placed on the designer/client relationship, designing compelling graphics specifically to client project brief and to target audience, conducting research, presenting concept and final design, meeting deadlines, producing industry-standard digital documents, and working individually and in teams. Course includes designing minimum of one major project contracted through the Design Shop-the Visual Communications Program business that mirrors an industry-standard creative design agency. Design Shop client attends class to participate

in briefing, Q & A, concept presentation, feedback and critique sessions.

Prerequisite: VCOM 53 or 54, and VCOM 56 (completed with a grade of "C" or higher).

This course may require student-provided art supplies or color printing cards. Your instructor will discuss at the first class meeting.

Day 22194 Fri 8:00-9:50 300 STAFF 08/17-12/20 OP V01

Lab Fri 10:00-1:50 300 08/17-12/20 OP

VCOM 59 ILLUSTRATOR II FOR DESIGN 3.0 Units

Technical and design skill development course using the latest version of Illustrator at the intermediate to advanced-level to render 2-D and 3-D digital drawings, illustrations, graphs and animations. Emphasis on intermediate-through advanced-level techniques and tools used to create image files suitable for print and screen. Design principles emphasized to create effective output through computer-based composition. Course includes minimum of one project contracted through the Design Shop; the Visual Communications Program business that mirrors an industry-standard creative design agency. Design Shop client attends class to participate in briefing, Q & A, presentation, feedback and critique sessions. Strongly Recommended: VCOM 50, VCOM 51 and VCOM 52.

Prerequisite: VCOM 54.

Day 22722 TTh 10:30-11:20 300 STAFF 08/17-12/20 OP V01

Lab TTh 11:30-1:20 300 08/17-12/20 OP

VCOM 60 CREATIVE PORTFOLIO/SELF PROMOT 3.0 Units

Strategies for effective self-promotion of ideas and skills in the working visual communications world. Development and refinement of the creative portfolio to industry standards. Includes use of effective techniques of oral and visual presentation. Selecting, updating, and highlighting work and personal skills to best present individual and their portfolio. Strongly Recommended: VCOM 55, 57, 58, and 59.

This course may require student-provided art supplies or color printing cards. Your instructor will discuss at the first class meeting.

Eve 22195 Mon 3:00-4:50 tba STAFF 08/17-12/20 OP 093

Lab Mon 5:00-8:50 tba 08/17-12/20 OP

VCOM 64 INDESIGN I & LAYOUT TECHNIQUES 3.0 Units

An introductory-through intermediate-level course emphasizing layout and typographical, technical and aesthetic skills using the latest version of Adobe InDesign, for print and other media. This course addresses migrating to InDesign from Quark or Pagemaker, and how InDesign can be used to increase productivity and workflow when working in applications in the Adobe Creative Suite. Course includes minimum of one project contracted through the Design Shop--the Visual Communications Program business that mirrors an industry-standard creative design agency. Design Shop client attends class to participate in briefing, Q & A, presentation, feedback and critique sessions. Strongly recommended: VCOM 50, VCOM 51, VCOM 52, and either VCOM 53 or VCOM 54.

Day 22710 TTh 1:30-2:20 300 STAFF 08/17-12/20 OP V01

Lab TTh 2:30-4:20 300 08/17-12/20 OP

VITICULTURE AND WINERY TECH

VWT 10 INTRODUCTION TO VITICULTURE 3.0 Units

This is an introduction to general viticulture covering the fundamental principles of the biology and culture of the grapevine. This includes taxonomy, morphology, physiology, distribution, domestication, utilization, propagation, production systems, harvesting, and storage and processing of grapes, with a brief overview of wine making. The class explores climate and soil preferences of *Vitus vinifera*, vineyard establishment, and training young vines. Cultural practice lectures will focus on canopy management disciplines, irrigation strategies, fertilization, pest and disease control, cover cropping and pruning. There will be practical experience workshops in the Campus Hill Vineyard. Successful completion of course should prepare students for upper division courses in viticulture.

Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

| | | | | | | | | |
|-----|-------|----|-------------|------|-------|-------------|----|-----|
| Day | 20917 | MW | 11:00-12:15 | 1814 | STAFF | 08/17-12/20 | GR | V01 |
|-----|-------|----|-------------|------|-------|-------------|----|-----|

VWT 12 VINEYARD SOIL/FERTILIZER/IRRIG 3.0 Units

Introduction to the basic principles of soil science, mineral nutrition, components installation, and plant/water relationships for grape production. Planning, design and maintenance of sprinklers and drip irrigation systems for winery for vineyards.

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Eve | 23185 | Mon | 5:00-7:50 | 2450 | STAFF | 08/17-12/20 | OP | 093 |
|-----|-------|-----|-----------|------|-------|-------------|----|-----|

VWT 20 INTRODUCTION TO ENOLOGY 3.0 Units

An overview of the history of wine including a study of modern viticulture and enology principles and practices, an introduction to the science of fermentation, understanding winery operations, the physiology of wine consumption, and a primer on the varieties and wine styles produced in California and other major wine-producing regions of the world. Practical exercises will include the sensory evaluation of wines. There will be a focus on the regional stylistic expression of heritage varietals. Strongly Recommended: CHEM 30A (completed with a grade of "C" or higher)

Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

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|-----|-------|----|-----------|------|-------|-------------|----|-----|
| Eve | 20787 | Th | 5:00-7:50 | 1814 | STAFF | 08/17-12/20 | OP | 093 |
|-----|-------|----|-----------|------|-------|-------------|----|-----|

VWT 31 FALL VINEYARD OPERATIONS 3.0 Units

This class has a strong emphasis on the practical applications of viticulture. Students will be involved in the operation of the LPC Campus Hill Vineyard putting into action, viticultural practices for the fall and winter seasons including canopy management techniques, irrigation disciplines, pest and disease control, fruit contracts, maturity sampling, harvesting, pruning, erosion control via cover crop, fertilization, weed control, and vineyard development and establishment with a focus on sustainable vineyard management. 2 hours lecture, 3 hours laboratory. Strongly Recommended: VWT 10 (completed with a grade of "C" or higher).

Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

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|-----|-------|-----|-----------|------|---------|-------------|----|-----|
| Eve | 21073 | Wed | 5:00-8:50 | 1814 | EVERETT | 08/17-12/20 | GR | 093 |
|-----|-------|-----|-----------|------|---------|-------------|----|-----|

Lab By Arr 1.0 Hrs/Wk tba 08/17-12/20 GR

VWT 31-093 (CRN 21073) requires 12 hours to be arranged on Saturdays.

VWT 41 WINERY OPERATIONS I 3.0 Units

Winery operations for the fall seasons, including grape maturity monitoring; grape harvesting; fermentation, handling and storage of new wines; maintenance of wines from previous vintages; general cellar practices.

Prerequisite: Viticulture (VWT) 20.

Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

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|-----|-------|-----|-----------|------|---------|-------------|----|-----|
| Eve | 21572 | Mon | 5:00-8:50 | 1814 | EVERETT | 08/17-12/20 | GR | 093 |
|-----|-------|-----|-----------|------|---------|-------------|----|-----|



VWT 44 WORLD VITICULTURE AND WINES 3.0 Units

A survey of world viticulture wine industries, and wine producing regions and their wines. It covers the following: grape growing and wine production and consumption, and world wine styles. The course includes sensory evaluation of representative wines.

Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

There is a materials fee of \$150 associated with this class.

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|-----|-------|-----|-----------|------|---------|-------------|----|-----|
| Eve | 23184 | Tue | 5:00-7:50 | 1814 | EVERETT | 08/17-12/20 | OP | 093 |
|-----|-------|-----|-----------|------|---------|-------------|----|-----|

WELDING TECHNOLOGY

WLDT 61A BEGINNING ARC/FLUX/BLUEPRINT 1.0 Units

Theory and safety of Shielded Metal Arc (SMAW) and Flux-core Arc (FCAW) welding of steel, flame cutting, plasma and carbon arc cutting. American Welding Society nomenclature, electrode and wire selection, job opportunities. Blueprint reading, welding symbols and hazardous material regulation.

Corequisite: Welding Technology 61AL or Welding Technology 61BL.

STUDENTS ENROLLED IN WELDING TECHNOLOGY 61A MUST ALSO BE ENROLLED IN WELDING TECHNOLOGY 61AL OR 61BL.

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Eve | 20881 | Mon | 7:00-7:50 | 1602 | STAFF | 08/17-12/20 | OP | 093 |
|-----|-------|-----|-----------|------|-------|-------------|----|-----|

WLDT 61AL BEGINNING ARC/FLUX-CORE 2.0 Units

Skills of Shielded Metal Arc (SMAW) and Flux-Core Arc (FCAW) welding in the flat, horizontal, and vertical positions to code specifications. Oxy-fuel flame, plasma, and carbon arc cutting.

Corequisite: Welding Technology 61AL or Welding Technology 61B.

STUDENTS ENROLLED IN WELDING TECHNOLOGY 61AL MUST ALSO BE ENROLLED IN WELDING TECHNOLOGY 61B.

Students enrolled in WLDT 61AL lab class will be assessed a \$70 materials fee at registration.

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|-----|-------|---------|-----------|-----|-------|-------------|----|-----|
| Eve | 21568 | Lab Mon | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab Wed | 3:30-6:45 | 810 | | 08/17-12/20 | OP | |

| D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC | D/E | CRN | DAYS | TIMES | ROOM | INSTRUCTOR | DATES | CODES | SEC |
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|
|-----|-----|------|-------|------|------------|-------|-------|-----|-----|-----|------|-------|------|------------|-------|-------|-----|

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|-----|-------|---------|------------|-----|-------|-------------|----|-----|
| Eve | 20882 | Lab Mon | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 094 |
| | | Lab Wed | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |

WLDT 61BL ADV STICK, FLUX-CORE SKILLS 2.0 Units

Advanced skills in Stick (SMAW) and Flux-core (FCAW) welding of steel in the horizontal, vertical and overhead positions to A.W.S. codes. Safety and proper use of SMAW and FCAW equipment, oxy-fuel welding and cutting, plasma cutting. Blueprint usage in welding shop environment. Pipe and tubing fit-up and welding. Prerequisite: *Welding Technology 61AL*. Corequisite: *61A or Welding Technology 61B*.

STUDENTS ENROLLED IN WELDING TECHNOLOGY 61BL MUST ALSO BE ENROLLED IN WELDING TECHNOLOGY 61A.

Students enrolled in WLDT 61BL lab class will be assessed a \$70 materials fee at registration.

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|-----|-------|---------|------------|-----|-------|-------------|----|-----|
| Eve | 21569 | Lab Mon | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab Wed | 3:30-6:45 | 810 | | 08/17-12/20 | OP | |
| Eve | 20883 | Lab Mon | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 094 |
| | | Lab Wed | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |

WLDT 62A BEGINNING TIG/MIG/BLUEPRINT 1.0 Units

Theory of fuel and inert gas welding of steel and aluminum alloys, oxyacetylene brazing, flame cutting, and plasma cutting. TIG or Gas Tungsten Arc (GTAW) and MIG or Gas Metal Arc (GMAW) welding equipment and supplies. Nomenclature and metallurgy of steel and aluminum alloys. Introduction to blueprint reading. Hazardous material regulations and material safety data sheets. Corequisite: *Welding Technology 62AL or Welding Technology 62BL*.

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|-----|-------|-----|-----------|------|-------|-------------|----|-----|
| Eve | 20884 | Tue | 7:00-7:50 | 1602 | STAFF | 08/17-12/20 | OP | 093 |
|-----|-------|-----|-----------|------|-------|-------------|----|-----|

WLDT 62AL BEG TIG, MIG, BLUEPRINT 2.0 Units

Skills of Tig (GTAW) and MIG (GMAW) welding of ferrous and non-ferrous alloys in the flat, horizontal, and vertical positions to A.W.S. codes. Safety and proper use of TIG and MIG equipment, oxy-fuel welding and cutting, plasma cutting. Blueprint usage in welding shop environment.

Corequisite: *Welding Technology 62A or Welding Technology 62B*.

STUDENTS ENROLLED IN WELDING TECHNOLOGY 62AL LAB MUST ALSO BE ENROLLED IN WELDING TECHNOLOGY 62A.

Students enrolled in WLDT 62AL lab class will be assessed a \$75 materials fee at registration.

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|-----|-------|---------|------------|-----|-------|-------------|----|-----|
| Eve | 20885 | Lab Tue | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab Th | 3:30-6:45 | 810 | | 08/17-12/20 | OP | |
| Eve | 20886 | Lab Tue | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 094 |
| | | Lab Th | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |

WLDT 62BL ADVANCED TIG/MIG WELDING SKILL 2.0 Units

Advanced skills in TIG (GTAW) and MIG (GMAW) welding of ferrous and non-ferrous alloys in the horizontal, vertical and overhead positions to A.W.S. codes. Safety and proper use of TIG and MIG equipment, oxy-fuel welding and cutting, plasma cutting. Blueprint usage in welding shop environment. Pipe and tubing fit-up and welding.

Prerequisite: *Welding Technology 62AL*. Co-requisite: *Welding Technology 62A or Welding Technology 62B*.

STUDENTS ENROLLED IN WELDING TECHNOLOGY 62BL LAB MUST ALSO BE ENROLLED IN WELDING TECHNOLOGY 62A LECTURE.

Students enrolled in WLDT 62BL lab class will be assessed a \$75 materials fee at registration.

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|-----|-------|---------|------------|-----|-------|-------------|----|-----|
| Eve | 20887 | Lab Tue | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab Th | 3:30-6:45 | 810 | | 08/17-12/20 | OP | |
| Eve | 20888 | Lab Tue | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 094 |
| | | Lab Th | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |

WLDT 67A WELDING SKILLS LABORATORY 2.0 Units

Development and improvement of skills in Arc (SMAW), Flux-core (FCAW), MIG (GMAW), and TIG (GTAW) welding.

Prerequisite: *Welding Technology 61AL*.

Students enrolled in WLDT 67A lab class will be assessed a \$40 materials fee at registration.

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|-----|-------|---------|------------|-----|-------|-------------|----|-----|
| Eve | 20889 | Lab Mon | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab Wed | 3:30-6:45 | 810 | | 08/17-12/20 | OP | |
| Eve | 22040 | Lab Mon | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 094 |
| | | Lab Wed | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |
| Eve | 20890 | Lab Tue | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 095 |
| | | Lab Th | 3:30-6:45 | 810 | | 08/17-12/20 | OP | |
| Eve | 22041 | Lab Tue | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 096 |
| | | Lab Th | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |
| Sat | 22042 | Lab Sat | 9:00-3:20 | 810 | STAFF | 08/17-12/20 | OP | WEI |

WLDT 67B ADVANCED WELDING SKILLS LAB 2.0 Units

Advanced development and improvement of skills in Arc (SMAW), Flux-core (FCAW), MIG (GMAW), and TIG (GTAW) welding.

Prerequisite: *Welding Technology 67A*.

Students enrolled in WLDT 67B lab class will be assessed a \$40 materials fee at registration.

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|-----|-------|---------|------------|-----|-------|-------------|----|-----|
| Eve | 22043 | Lab Mon | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab Wed | 3:30-6:45 | 810 | | 08/17-12/20 | OP | |
| Eve | 20891 | Lab Tue | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 094 |
| | | Lab Th | 3:30-6:45 | 810 | | 08/17-12/20 | OP | |
| Eve | 22044 | Lab Mon | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 095 |
| | | Lab Wed | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |
| Eve | 22045 | Lab Tue | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 096 |
| | | Lab Th | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |
| Sat | 20892 | Lab Sat | 9:00-3:20 | 810 | STAFF | 08/17-12/20 | OP | WEI |

WLDT 68 CERTIFICATION PREPARATION 2.0 Units

Welding processes preparation for certification exams. Theory of American Welding Society D1.1, American Society of Mechanical Engineers Section IX, American Petroleum Institute 1.104.

Students enrolled in WLDT 68 lab class will be assessed a \$40 materials fee at registration.

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|-----|-------|---------|------------|-----|-------|-------------|----|-----|
| Eve | 20893 | Lab Mon | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 093 |
| | | Lab Wed | 3:30-6:45 | 810 | | 08/17-12/20 | OP | |
| Eve | 20894 | Lab Mon | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 094 |
| | | Lab Wed | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |
| Eve | 21570 | Lab Tue | 4:30-6:45 | 810 | STAFF | 08/17-12/20 | OP | 095 |
| | | Lab Th | 5:30-6:45 | 810 | | 08/17-12/20 | OP | |
| Eve | 21571 | Lab Tue | 8:00-10:15 | 810 | STAFF | 08/17-12/20 | OP | 096 |
| | | Lab Th | 7:00-10:15 | 810 | | 08/17-12/20 | OP | |
| Sat | 22046 | Lab Sat | 9:00-3:20 | 810 | STAFF | 08/17-12/20 | OP | WEI |

WLDT 69A FABRICATION & INSTAL PIPE SYST 3.0 Units

Theory and practical application of: pipe joint preparation and design, API (American Petroleum Institute) and AWS (American Welding Society) welding codes specification for pipe and pipe fittings, analysis of joint configuration, plasma and flame cutting of pipes, wire and electrodes selections, beginning of pipe welding blue print and welding symbols, SMAW, GMAW, and GTAW of pipe joints, non-destructive and destructive test and qualitative concepts of evaluation.

Prerequisite: *Welding Technology 61BL, Welding Technology 62BL*.

Students enrolled in WLDT 69A will be assessed a \$100 materials fee at registration.

| | | | | | | | | |
|-----|-------|---------|-----------|-----|-------|-------------|----|-----|
| Sat | 21311 | Sat | 8:00-8:50 | 810 | STAFF | 08/17-12/20 | OP | WEI |
| | | Lab Sat | 9:00-3:20 | 810 | | 08/17-12/20 | OP | |



WLDT 69B ADVANCED PIPE WELDING 3.0 Units

Theory and practical application of pipe joint preparation and design; API (American Petroleum Institute) and AWS (American Welding Society) welding codes specifications for pipe and pipe fittings; geometric curve design for branched joint of piping systems; wire and electrode selections; advanced welding blue print and pipe welding symbols, SMAW, GMAW, and GTAW of pipe joints; metallurgical transformation of weld Heat Affected Area (HAA); welding discontinuities and defects; destructive and non-destructive testing; and methods of inspection and testing.
Prerequisite: Welding Technology 69A.

Students enrolled in WLDT 69B will be assessed a \$100 materials fee at registration.

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|-----|-------|-----------|-----------|-----|-------|-------------|----|-----|
| Sat | 21312 | Sat | 8:00-8:50 | 810 | STAFF | 08/17-12/20 | OP | WEI |
| Lab | Sat | 9:00-3:20 | 810 | | | 08/17-12/20 | OP | |

WLDT 70 INTRODUCTION TO WELDING 2.0 Units

Arc, TIG, MIG, Flux-core, gas and braze welding, plasma and fuel gas welding and cutting. Theory and care of welder's equipment with emphasis on safe practices.

Students enrolled in WLDT 70 lab class will be assessed a \$60 materials fee at registration.

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|-----|-------|-----------|-----------|---|-------|-------------|----|-----|
| Eve | 23166 | Th | 5:00-5:50 | * | MINER | 08/17-12/20 | OP | 093 |
| Lab | Th | 6:00-8:50 | * | | | 08/17-12/20 | OP | |

***offsite room meets at LIVERMORE HIGH SCHOOL
600 MAPLE ST, LIVERMORE, CA**

WLDT 79 MANUFACTURING PROCESSES 2.0 Units

This course examines the processes and equipment used in modern manufacturing. This course provides an excellent introduction to today's manufacturing processes, as well as an overview of the processes and equipment used in modern manufacturing. The course concentrates on the five major types of industrial materials; metals, plastics, ceramics, woods, and composites. It provides thorough coverage of the forming, separating, fabricating, conditioning, and finishing processes related to each material. The course also includes the materials and manufacturing processes used in packaging finished goods. The proper and safe use of hand tools, basic shop tools, manufacturing and welding equipment will be covered. Understanding the relationship between manufacturing processes, materials properties, materials processing and design.

| | | | | | | | | |
|-----|-------|-----|-----------|-----|-------|-------------|----|-----|
| Day | 23167 | Tue | 1:00-2:15 | 810 | STAFF | 08/17-12/20 | OP | V01 |
| | | Tue | 2:30-3:45 | 810 | | 08/17-12/20 | OP | |

WLDT 79-V01 (CRN 23167) is specifically for students enrolled in the A.S. Degree in Engineering Technology. This course must be taken with ENGR 10-VT1 (CRN 22328) which meets Mondays 1:00-2:50pm.

WOMENS STUDIES

WMST 1 INTRO TO WOMENS STUDIES 3.0 Units

Examines the cultural, historical, social, political and economic experiences of women in the United States. Introduces feminist perspectives on a wide range of issues affecting women incorporating race, class, ethnicity, sexual orientation and the life cycle. Analysis of African American women, Asian American women, Chicanas, European American women and Middle Eastern American women.

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|-----|-------|-----|-------------|------|-----------|-------------|----|-----|
| Day | 21270 | TTh | 11:00-12:15 | 2480 | BENGIVENO | 08/17-12/20 | OP | V01 |
|-----|-------|-----|-------------|------|-----------|-------------|----|-----|

WORK EXPERIENCE

WRKX 95 WORK EXPERIENCE 1.0 Units

College supervised part-time or full-time employment. Through the cooperation of the work supervisor, students contract to accomplish new learning objectives and broaden their experiences at work. 5-15 hours of employment per week.

Corequisite: Work Experience 96.

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|-----|-------|--------|-------------|-----|--------|-------------|----|-----|
| Day | 21032 | By Arr | 10.4 Hrs/Wk | tba | AYOTTE | 08/29-12/20 | GR | L01 |
|-----|-------|--------|-------------|-----|--------|-------------|----|-----|

WRKX 95-V01 is a Late Start course that meets from Aug 29-Dec 20.

WRKX 95 & WRKX 96 must be taken at the same time. These courses may not be taken separately or during different semesters. For more information about Work Experience, visit the course website at <http://www.laspositascollege.edu/WorkBasedLearning/studentFAQs.php>.

WRKX 96 WORK EXPERIENCE SEMINAR 1.0 Units

Focal point for the coordination of college supervised part-time or full-time employment. With an emphasis on building strong working relationships with supervisors, subordinates and co-workers, seminar topics include: effective communication skills, career exploration, resume writing, job interviewing and case studies.

Corequisite: Work Experience 95.

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|-----|-------|--------|--|--|--------|-------------|----|-----|
| Web | 21033 | ONLINE | | | AYOTTE | 08/29-12/20 | GR | L01 |
|-----|-------|--------|--|--|--------|-------------|----|-----|

WRKX 96-DE1 (CRN 21033) is a Late Start online course that meets from Aug 29-Dec 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

WRKX 95 & WRKX 96 must be taken at the same time. These courses may not be taken separately or during different semesters. For more information about Work Experience, visit the course website at <http://www.laspositascollege.edu/WorkBasedLearning/studentFAQs.php>.

IMPORTANT NOTICE:

Beginning Fall 2016, students who have not met the College's minimum academic and progress standards (demonstration of a minimum 50% overall completion rate and 2.0 cumulative GPA) for 2 prior consecutive terms will lose their eligibility for a BOGW fee waiver per new state regulations.