

# 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
- POI** Puente Program
- STI** Alternate Instruction
- VOI** Regular Day class
- VTI** Veteran Program (grant funded)
- VCI** Valley Charter
- WEI** Saturday class
- WLC** Weekend ECD Learning Community
- XOI** Math X Program

**NOTE: 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
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## 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	V01
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	V01
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### 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
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*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](http://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
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### 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	V01
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### 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
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### 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
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### 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	V01
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### 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
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*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]

Day	22981	MTW	8:00-5:00	tba	STAFF	08/22-08/24	OP	091
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Day	22982	MTW	8:00-5:00	tba	STAFF	11/07-11/09	OP	092
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**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
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Lab	Daily	10:00-4:00	tba			09/19-09/24	OP	
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**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.

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

Day	22985	TWTh	8:00-11:20	tba	STAFF	11/08-11/10	OP	091
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		TWTh	11:30-3:40	tba		11/08-11/10	OP	
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**AJ 9997 LAW ENFORCEMENT ACADEMY**

The 157th Academy is schedule 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 schedule 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.*

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

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).*

Eve	20542	Tue	7:00-9:50	104	STAFF	08/17-12/20	GR	093
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## 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 By Arr 3.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DEI

*ANTR 1-DEI is an online course. For more information, see the section titled "Online Learning" 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 anthropological 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.

Day	21337	MW	12:30-1:45	2203	STAFF	08/17-12/20	OP	V01
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Web 21338 By Arr 3.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DEI

*ANTR 2-DEI is an online course. For more information, see the section titled "Online Learning," 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 By Arr 3.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DEI

*ANTR 3-DEI 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
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**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 12:30-1:45 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

**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).*

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).*

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.

Day	20198	Mon	2:30-3:45	1816	HARPELL	08/17-12/20	OP	HY1
		By Arr	1.5 Hrs/Wk	ONLINE		08/17-12/20	OP	

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

Eve	22972	TTh	4:30-5:45	1871	STAFF	08/17-12/20	OP	093
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*Web 20237 By Arr 3.0 Hrs/Wk ONLINE HARPELL 08/17-12/20 OP DE1*

*ASTR 10-DE1 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	Mon	7:00-9:50	1826	STAFF	08/17-12/20	OP	093

**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*

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

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	WEI
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](http://www.smogcheck.ca.gov)

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

### **BIO IA 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)

*Prerequisite: MATH 55 OR 55B or an appropriate skill level demonstrated through the mathematics assessment process. Strongly recommended: BIO 30 (formerly BIOL 31)*

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	1874	SHULDMAN	08/17-12/20	GR	V02
Lab		TTh	2:00-4:50	1855		08/17-12/20	GR	

*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.*

### **BIO IB 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 ZOO 1)

*Prerequisite: MATH 55 OR 55B or an appropriate skill level demonstrated through the mathematics assessment process. Strongly recommended: BIO 30 (formerly BIOL 31).*

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	Lab 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	

*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.*

### **BIO IC 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.*

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	

*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
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**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.)

*Prerequisite: BIOL 30 (formerly BIOL 31) or equivalent course (completed with a grade of "C" or higher). Strongly recommended: Eligibility for ENG 1A.*

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	

*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.*

**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.)

*Prerequisite: ANAT 1 or BIO 7A, CHEM 30A, CHEM 31, or CHEM 1A (all completed with grade of "C" or higher). Strongly recommended: CHEM 30B and ENG 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.*

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.)

*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). Strongly recommended: BIO 7A (formerly ANAT 1).*

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	

*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.*

**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	

**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	By Arr	3.0 Hrs/Wk	ONLINE	STAFF	08/17-12/20	GR	DE1

*BIO 20-DE1 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	

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

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

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.*

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	
	By Arr		1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*BUSN 1A-HY1 is a hybrid course. XXFor more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

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 By Arr 5.0 Hrs/Wk ONLINE CHOPRA 08/17-12/20 OP DEI  
*BUSN 1A-DEI 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.*

Day	20629	Tue	12:30-2:20	2460	CHOPRA	08/17-12/20	OP	HY1
		Th	12:30-1:20	2460		08/17-12/20	OP	
	Lab	Th	1:30-2:20	2460		08/17-12/20	OP	
	Lab	By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*BUSN 1B-HY1 is a hybrid course. XXClass meets for 4 hours on campus, and one hour work done on-line. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

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	

Web 22430 By Arr 5.0 Hrs/Wk ONLINE CHOPRA 08/17-12/20 OP DEI  
*BUSN 1B-DEI 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.*

Day	20408	TTh	11:00-12:15	2470	WEAVER	08/17-12/20	OP	HY1
	By Arr		1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*BUSN 18-HY1 is a hybrid course. The course 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>.*

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

Web 20600 By Arr 4.0 Hrs/Wk ONLINE WEAVER 08/17-12/20 OP DEI  
*BUSN 18-DEI 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.*

Eve	22948	Wed	6:00-8:50	104	STOKKE	08/17-12/20	OP	093
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D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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**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.

Day 20652 TTh 9:30-10:45 2460 STOKKE 08/17-12/20 OP V01  
 Web 22657 By Arr 3.0 Hrs/Wk ONLINE STOKKE 08/17-12/20 OP DE1  
**BUSN 30-DE1 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.**

Day 20409 MW 11:00-12:15 2420 GROOMS 08/17-12/20 OP V01  
*Internet access is required for BUSN 40-V01.*

Day 21530 TTh 11:00-12:15 2450 GROOMS 08/17-12/20 OP V02  
*Internet access is required for BUSN 40-V02.*

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

Eve 20876 Th 6:00-8:50 2450 LEDERER 08/17-12/20 OP 093  
 Web 20599 By Arr 3.0 Hrs/Wk ONLINE WEAVER 08/17-12/20 OP DE1  
**BUSN 40-DE1 is an online course. For more information, see section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

Web 22083 By Arr 3.0 Hrs/Wk ONLINE WEAVER 08/17-12/20 OP DE2  
**BUSN 40-DE2 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 22353 By Arr 3.0 Hrs/Wk ONLINE WEAVER 10/17-12/09 OP L01  
**BUSN 40-DE3 is a late-start online course which begins on October 19th. 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 By Arr 4.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP HD1  
**BUSN 43-HD1 is a hybrid course. All class meetings will be online, except on the following dates when students will meet on campus from 10 a.m.-1 p.m. 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 By Arr 3.3 Hrs/Wk ONLINE STEIN 08/31-12/20 OP L01  
**BUSN 48-L01 is a 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.

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

**Internet access is required for BUSN 51A-V01.**

**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 By Arr 8.0 Hrs/Wk ONLINE JUREVICH 08/17-10/14 OP DE1  
**BUSN 53-DE1 is an online fast-track class that meets from Aug 17-Oct 14. For more information, see the section titled "Online Learning" 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.**

Eve 21532 Tue 5:30-7:20 106 CHOPRA 08/17-12/20 OP HY1  
 By Arr 1.0 Hrs/Wk ONLINE 08/17-12/20 OP

**BUSN 55-HY1 is a hybrid course. Students will meet on campus Tuesdays from 5:30pm-7:20pm in Room 106. The remainder of the course is 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 By Arr 6.7 Hrs/Wk ONLINE JUREVICH 10/17-12/09 OP L01  
**BUSN 56-L01 is an online fast-track class 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.**

*Internet access is required for BUSN 58-L01.*

Eve	22629	Mon	6:00-8:50	1641	GROOMS	09/12-12/20	OP	LO1
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**BUSN 58-L01 is a Late Start hybrid class 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 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 By Arr 2.5 Hrs/Wk ONLINE DORSETT 08/17-12/20 OP DE1**  
**BUSN 61-DE1 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.

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

**Web 20407 By Arr 5.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DE1**  
**BUSN 74-DE1 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.**

**Web 21030 By Arr 3.0 Hrs/Wk ONLINE JUREVICH 08/31-12/20 OP LO1**  
**BUSN 88-L01 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.**

**Day 20452 By Arr 17.4 Hrs/Wk tba AYOTTE 08/29-12/20 GR LO1**  
**BUSN 95-L01 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**

**Web 20514 By Arr 1.0 Hrs/Wk ONLINE AYOTTE 08/29-12/20 GR DE1**  
**BUSN 96-DE1 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 1A 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.**

Day	20123	MW	8:00-9:15	1814	STAFF	08/17-12/20	GR	V01
	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	V02
	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	V03
	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 1B 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).*

Day	20584	TTh	8:00-9:15	1816	STAFF	08/17-12/20	GR	V01
	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).*

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 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](http://www.laspositascollege.edu/honors) for more information.**

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).*

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).*

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).*

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.

**CIS 8 is a DAY class offered in an individualized, hands-on basis. Students must attend an orientation session either Monday, August 29 at 2:30 pm in Room 803 or Wednesday, August 31 at 1:30 pm, also in 803. If you are unable to come to the orientation sessions, you must contact the instructor within the first week of class. For more information, contact via email at mailto:?????????**

Day	20726	By Arr	1.6 Hrs/Wk	803B	YARDANEGA	08/29-12/20	OP	LS1
	Lab	By Arr	1.6 Hrs/Wk	803B		08/29-12/20	OP	
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-LS1 & LE2 are Late Start courses that meet 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.*

**Web 20617 By Arr 4.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP HD1**  
**CIS 43-HD1 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>.**

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

Day	20025	MW	8:00-9:15	2490	STAFF	08/17-12/20	OP	V01
	Lab	By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	
Day	20024	TTh	11:00-12:15	1641	FIELDS	08/17-12/20	OP	V02
	Lab	By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	
Eve	20616	MW	3:30-4:45	403	STAFF	08/17-12/20	OP	093
	Lab	By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

Web 20439 By Arr 4.0 Hrs/Wk ONLINE FIELDS 08/17-12/20 OP DE1

*CIS 50-DE1 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 20206 By Arr 4.8 Hrs/Wk ONLINE FIELDS 08/17-12/20 OP DE2

*CIS 50-DE2 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	HY1
		By Arr	3.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*CIS 54-HY1 is a hybrid course. Students will meet on campus Mondays from 12:30-3:15 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 By Arr 6.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DE1

*CIS 54-DE1 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 By Arr 6.0 Hrs/Wk ONLINE HART 08/17-12/20 OP DE2

*CIS 54-DE2 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	HY1
	Lab	By Arr	3.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*CIS 55-HY1 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 By Arr 6.0 Hrs/Wk ONLINE FIELDS 08/17-12/20 OP DE1

*CIS 55-HY1 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	HY1
	Lab	By Arr	3.0 Hrs/Wk	ONLINE		08/17-10/14	OP	

*CIS 59A-HY1 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

Lab By Arr 3.6 Hrs/Wk ONLINE 10/17-12/09 OP

*CIS 59B-LDI 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. 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	By Arr	4.0 Hrs/Wk	ONLINE	FIELDS	08/17-12/20	OP	DEI
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*CIS 60-DEI 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.*

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.*

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 COMPUTERTYPING 1.0 Units**

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

Day	20621	Lab MW	1:30-3:00	803B	YARDANEGA	08/29-12/20	OP	LSI
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*CIS 71-LSI 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	By Arr	3.6 Hrs/Wk	ONLINE	STAFF	08/29-12/20	OP	DEI
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*CIS 71A-DEI 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	By Arr	3.6 Hrs/Wk	ONLINE	STAFF	08/29-12/20	OP	DEI
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*CIS 71B-DEI 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	By Arr	3.6 Hrs/Wk	ONLINE	STAFF	08/29-12/20	OP	DEI
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*CIS 71C-DEI 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](mailto:gwardanega@laspositascollege.edu).

**CIS 71 COMPUTERTYPING 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 STAFF 08/17-10/14 OP FT1  
CIS 71-FT1 is a Fast Track course that meets from Aug 17-Oct 14.

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

**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 YARDANEGA 08/29-12/20 OP LSI  
CIS 72A-LS1 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.*

Day 20660 Lab By Arr 3.6 Hrs/Wk 803B YARDANEGA 08/29-12/20 OP LSI  
CIS 72B-LS1 is a Late Start course that meets from Aug 29-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 YARDANEGA 08/17-10/14 OP FT1  
CIS 73A-FT1 is a Fast Track course that meets from Aug 17-Oct 14.

Day 20184 Lab By Arr 6.7 Hrs/Wk 803B YARDANEGA 10/17-12/09 OP FT2  
CIS 73A-FT2 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 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 YARDANEGA 08/17-10/14 OP FT1  
Lab By Arr 1.0 Hrs/Wk 803B 08/17-10/14 OP  
CIS 75-FT1 is a Fast Track course that meets from Aug 17 - Oct 14.

Day 20316 By Arr 3.3 Hrs/Wk 803B YARDANEGA 10/17-12/09 OP FT2  
Lab By Arr 1.1 Hrs/Wk 803B 10/17-12/09 OP  
CIS 75-FT2 is a Fast Track course that meets from Oct 17-Dec 9.

**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 Hartz via email at [lhartz@laspositascollege.edu](mailto:lhartz@laspositascollege.edu).

**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 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.

Eve 20181 Lab By Arr 3.6 Hrs/Wk 803B HART 08/30-12/20 OP LS2  
CIS 72A-LS2 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.*

Eve 20182 Lab By Arr 3.6 Hrs/Wk 803B HART 08/30-12/20 OP LS2  
CIS 72B-LS2 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.

Eve 20977 Lab By Arr 3.6 Hrs/Wk 803B HART 08/30-12/20 OP LSI  
CIS 73A-LS1 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 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 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 By Arr 5.0 Hrs/Wk ONLINE STAFF 08/17-12/20 GR DEI  
**CIS 79-DEI 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.

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 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.*

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 is a Fast Track course that meets from Aug 17-Oct 14.*

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 is a Fast Track course that meets from Aug 17-Oct 14.*

Web 20602 By Arr 5.0 Hrs/Wk ONLINE DORR 08/17/10/14 OP DEI  
**CIS 88A-DEI 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 is a Fast Track course that meets from Oct 17-Dec 9.*

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 is a Fast Track course that meets from Oct 17-Dec 9.*

Web 20603 By Arr 5.6 Hrs/Wk 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.

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 is a Fast Track course that meets from Aug 17-Oct 14.*

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 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 is a Fast Track course that meets from Aug 17-Oct 14.*

Web 20604 By Arr 3.0 Hrs/Wk ONLINE HART 10/17-12/09 OP DEI

**CIS 89A-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 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 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 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 By Arr 2.0 Hrs/Wk ONLINE FIELDS 08/17-12/20 OP DEI  
**CIS 9001-DEI 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** By Arr 4.0 Hrs/Wk ONLINE FIELDS 08/17-12/20 OP DE1  
**CIS 9002-DE1** 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** By Arr 4.0 Hrs/Wk ONLINE FIELDS 08/17-12/20 OP DE1  
**CIS 9003-DE1** 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.

**This course is one of a series in the Certified Internet Web Professional (CIW: [www.ciwcertified.com](http://www.ciwcertified.com)) program.**

**Web 21282** By Arr 5.0 Hrs/Wk ONLINE STAFF 08/17-10/14 OP DE1  
**CIS 9101-DE1** 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** By Arr 5.6 Hrs/Wk ONLINE STAFF 10/17-12/09 OP DE2  
**CIS 9101-DE2** 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.

**This course is one of a series in the Certified Internet Web Professional (CIW: [www.ciwcertified.com](http://www.ciwcertified.com)) program.**

**Web 21284** By Arr 5.0 Hrs/Wk ONLINE STAFF 08/17-10/14 OP DE1  
**CIS 9102-DE1** 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** By Arr 5.6 Hrs/Wk ONLINE STAFF 10/17-12/09 OP DE2  
**CIS 9102-DE2** 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.

**This course is one of a series in the Certified Internet Web Professional (CIW: [www.ciwcertified.com](http://www.ciwcertified.com)) program.**

**Web 21352** By Arr 2.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DE1  
**CIS 9103-DE1** 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.

**This course is one of a series in the Certified Internet Web Professional (CIW: [www.ciwcertified.com](http://www.ciwcertified.com)) program.**

**Web 21288** By Arr 4.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DE1  
**CIS 9104-DE1** 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 By Arr 4.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DEI  
**CIS 9992-DEI 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 21618 By Arr 4.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP HDI  
**CNT 43-HDI 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 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*

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.*

Eve	23020	Th	7:00-9:50	804	STAFF	08/17-12/20	OP	HY1
		Lab By Arr	3.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

**CNT 51-HY1 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.*

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.*

Eve	23021	Wed	7:00-9:15	804	STAFF	08/17-12/20	OP	HY1
		Lab By Arr	1.5 Hrs/Wk	ONLINE		08/17-12/20	OP	

**CNT 56-HY1 is a hybrid course. Students will meet on campus Wednesdays from 7:00-9:15 p.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>.**

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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**CNT 62A CISCO NETWORKING ACADEMY 1/2 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 62A 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 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.**

Eve	23022	Wed	6:00-8:50	805	DAOUD	08/17-12/20	OP	HYI
		Lab	By Arr	3.0 Hrs/Wk	ONLINE	08/17-12/20	OP	

**CNT 62A-HYI is a hybrid course. Students will meet on campus Wednesdays from 6:00-8:50p.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>.**

**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.**

Eve	20727	Tue	6:30-8:50	804	STAFF	08/17-12/20	OP	HYI
		By Arr	1.5 Hrs/Wk	ONLINE		08/17-12/20	OP	

**CNT 68-HYI is a hybrid course. Students will meet on campus Tuesdays from 6:30-8:50p.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 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).**

Eve	22442	Th	7:00-9:15	805	DAOUD	08/17-12/20	OP	HYI
		Lab	By Arr	1.5 Hrs/Wk	ONLINE	08/17-12/20	OP	

**CNT 69-HYI is a hybrid course. Students will meet on campus Thursdays from 7:00-9:15p.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>.**

**CNT 7401 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.**

Eve	20896	Mon	6:30-9:20	804	DAOUD	08/17-12/20	OP	HYI
		By Arr	3.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

**CNT 7401-HYI is a hybrid course. Students will meet on campus Mondays from 6:30-9:20p.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 7501 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.**

Eve	23023	Mon	3:30-6:15	805	DAOUD	08/17-12/20	OP	HYI
		By Arr	3.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

**CNT 7501-HYI 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).**

Day	20559	MW	11:00-12:15	2416	KOMANETSKY	08/17-12/20	OP	Y01
		Lab	MW	12:30-1:45	2416		08/17-12/20	OP

**CS1-Y01 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](http://www.laspositascollege.edu/honors) for more information.**

Day	22281	TTh	2:00-3:15	2416	SCHATZ	08/17-12/20	OP	Y02
		Lab	TTh	3:30-4:45	2416		08/17-12/20	OP

Day	22762	MW	8:00-9:15	714	SCHATZ	08/17-12/20	OP	Y03
		Lab	MW	9:30-10:45	714		08/17-12/20	OP

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 1 (completed with a grade of "C" or higher).*

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	
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.

Day	22444	Tue	9:00-11:20	714	KOMANETSKY	08/29-12/20	OP	LHI
		Lab	By Arr	1.8 Hrs/Wk	ONLINE	08/29-12/20	OP	

*CS 7-LHI 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*

Day	23024	MW	11:00-12:15	714	SCHATZ	08/17-12/20	OP	V01
		Lab	MW	12:30-1:45	714	08/17-12/20	OP	
Eve	21066	TTh	7:00-8:15	714	STAFF	08/17-12/20	OP	093
		Lab	TTh	8:30-9:50	714	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).*

Day	23025	TTh	3:30-4:45	714	KOMANETSKY	08/17-12/20	OP	V01
		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).*

Eve	21353	Wed	6:30-9:20	1859	STAFF	08/17-12/20	OP	HYI
		Lab	By Arr	3.0 Hrs/Wk	ONLINE	08/17-12/20	OP	

*CS 31-HYI 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.*

Eve	23026	Mon	6:30-9:20	804	DAOUD	08/17-12/20	OP	HYI
		By Arr	3.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*CS 41-HYI is a hybrid course. Students will meet on campus Mondays from 6:30-9:20p.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>.*

**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.*

Web	20619	By Arr	4.0 Hrs/Wk	ONLINE	STAFF	08/17-12/20	OP	HDI
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*CS 43-HDI 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>.*

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

Web	22354	Th	9:30-11:20	714	STAFF	08/17-12/20	OP	HYI
Lab	By Arr		2.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*CS 46-HYI 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 6 DANCE PRODUCTION-CHOREOGRAPHY 3.0 Units**

Choreographic principles of dance composition and stage presentation. Participation in dance production with the creation of new works directed toward large groups, trios, duets, and solos, possibly leading to scheduled performances. Minimal participation in technical and business aspects of production.

Day	20272	Lab TTh	2:00-4:50	4127	STAFF	08/17-12/20	OP	VOI
Lab	By Arr		3.0 Hrs/Wk	4127		08/17-12/20	OP	

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

Web 22036 By Arr 3.0 Hrs/Wk ONLINE TAYLOR 08/17-12/20 GR DEI

*ECD 50-DEI 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
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**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	VOI
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	VOI
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	VOI
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
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**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.

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

Web	22957	By Arr	2.0 Hrs/Wk	ONLINE	VIRGILIO	08/17-11/12	OP	HDI
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*ECD 83-HDI 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),*

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.**

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

Web	20185	By Arr	1.0 Hrs/Wk	ONLINE	KWONG	08/17-12/20	GR	HY1
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*ECD 96-HY1 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.

*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. Strongly recommended: ENG 1A eligibility.*

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

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 internet access required.*

Eve	22779	Wed	7:00-9:50	2450	SHAHBAZI	08/17-12/20	OP	094
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Web	20648	By Arr	3.0 Hrs/Wk	ONLINE	WEBSTER	08/17-12/20	OP	DE1
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*ECON I-DE1 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	By Arr	3.0 Hrs/Wk	ONLINE	WEBSTER	08/17-12/20	OP	DE2
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*ECON I-DE2 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.

*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. Strongly recommended: ENG 1A.*

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

Day	20019	TTh	9:30-10:45	105	SHUMAKER	08/17-12/20	OP	V02
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Eve	22649	Tue	7:00-9:50	2450	RASMUS	08/17-12/20	OP	093
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Web	20649	By Arr	3.0 Hrs/Wk	ONLINE	WEBSTER	08/17-12/20	OP	DE1
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*ECON 2-DE1 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	By Arr	3.0 Hrs/Wk	ONLINE	WEBSTER	08/17-12/20	OP	DE2
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*ECON 2-DE2 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
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## 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
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*EMS 10-V01 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](http://www.verifiedcredentials.com). For information about the program and to apply for enrollment visit: [www.laspositascollege.edu/EMT](http://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
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Lab Fri	8:00-1:50	2201	08/17-12/20	OP
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*EMS 12-V01 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](http://www.verifiedcredentials.com). For information about the program and to apply for enrollment visit: [www.laspositascollege.edu/EMT](http://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.*

Eve	23207	Tue	5:00-8:50	2201	STAFF	08/17-12/20	OP	093
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Lab Sat	9:00-9:50	2201	08/17-12/20	OP
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Lab Sat	10:00-2:20	2201	08/17-12/20	OP
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*Students enrolled in EMS 20-093 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.*

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	

**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.

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.*

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	VT1
<i>ENGR 10-VT1 is designed for students pursuing the A.S. Engineering Technology degree. This course must be taken with WLDT 79-V01, CRN 23167, which meets Tuesdays 1:00-3:45pm.</i>								
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.

*Prerequisite: MATH 1. Strongly recommended: CIS 8 or CS 8.*

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.

*Prerequisites: PHYS 8A and MATH 2 (both completed with a grade of "C" or higher). Strongly recommended: ENGR 22.*

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.*

Day	20343	MW	8:00-9:15	2460	STAFF	08/17-12/20	GR	V01
	Lab	Wed	9:25-10:15	2412		08/17-12/20	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	STAFF	08/17-12/20	OP	V03
	Lab	Wed	8:00-8:50	401B		08/17-12/20	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		08/17-12/20	GR	
Day	21416	MW	9:30-10:45	2490	STAFF	08/17-12/20	GR	V05
	Lab	Wed	11:00-11:50	502		08/17-12/20	GR	
Day	20344	MW	11:00-12:15	2480	COLE	08/17-12/20	GR	V06
	Lab	Wed	12:30-1:20	2412		08/17-12/20	GR	
Day	22507	MW	11:00-12:15	1602	STAFF	08/17-12/20	OP	V07
	Lab	Mon	12:30-1:20	2412		08/17-12/20	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		08/17-12/20	OP	
Day	21715	MW	1:00-2:15	403	SWANSON-GAR	08/17-12/20	GR	V09
	Lab	Mon	2:25-3:15	2412		08/17-12/20	GR	
Day	20345	MW	2:00-3:15	4130	STAFF	08/17-12/20	GR	V10
	Lab	Wed	3:25-4:15	2412		08/17-12/20	GR	
Day	20340	MW	2:00-3:15	505	STAFF	08/17-12/20	GR	V11
	Lab	Mon	3:25-4:15	2412		08/17-12/20	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	

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
Day	20751	MW	3:30-4:45	507	STAFF	08/17-12/20	GR	V13	Web 20414	By Arr	4.0 Hrs/Wk	ONLINE	O'HERIN	08/17-12/20	GR	DE1	
	Lab	Mon	4:55-5:45	2412		08/17-12/20	GR		<i>ENG IA-DE1 is an online course. For more information, see the section titled "Online Learning" in the schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</i>								
Day	20347	TTh	8:00-9:15	505	STAFF	08/17-12/20	GR	V14	Web 20513	By Arr	4.0 Hrs/Wk	ONLINE	O'HERIN	08/17-12/20	GR	DE2	
	Lab	Tue	9:25-10:15	2412		08/17-12/20	GR		<i>ENG IA-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</i>								
Day	23051	Tue	8:00-9:50	401A	STAFF	08/17-12/20	OP	V15	Web 23056	By Arr	4.0 Hrs/Wk	ONLINE	NASH	08/17-12/20	OP	DE3	
	Lab	Th	8:00-8:50	401A		08/17-12/20	OP		<i>ENG IA-DE3 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</i>								
	Lab	Th	9:00-9:50	401A		08/17-12/20	OP		<i>ENG IA-DE4 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</i>								
Day	20550	TTh	8:00-9:15	2470	STAFF	08/17-12/20	GR	V16	Web 23057	By Arr	4.0 Hrs/Wk	ONLINE	NASH	08/17-12/20	OP	DE4	
	Lab	Th	9:25-10:15	2412		08/17-12/20	GR		<i>ENG IA-DE4 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</i>								
Day	20438	TTh	9:30-10:45	2470	SPIRN	08/17-12/20	GR	V17	Web 23059	By Arr	4.0 Hrs/Wk	ONLINE	SWANSON-GAR	08/17-12/20	OP	DE5	
	Lab	Th	10:55-11:45	502		08/17-12/20	GR		<i>ENG IA-DE5 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</i>								
Day	20348	TTh	9:30-10:45	801	OTT	08/17-12/20	GR	V18	<b>ENG 4 CRITICAL THINKING/WRITING LIT 3.0 Units</b>								
	Lab	Tue	11:00-11:50	502		08/17-12/20	GR		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.								
Day	20346	TTh	11:00-12:15	505	BUMMER	08/17-12/20	GR	V19	<i>Prerequisite: ENG 1A (completed with a grade of "C" or higher).</i>								
	Lab	Tue	12:30-1:20	2416		08/17-12/20	GR		Day 22862	MW	9:30-10:45	1814	SPIRN	08/17-12/20	GR	V01	
Day	20505	TTh	12:30-1:45	402	STAFF	08/17-12/20	GR	V20	Day 20352	MW	12:30-1:45	507	SPIRN	08/17-12/20	GR	V02	
	Lab	Th	11:30-12:20	804		08/17-12/20	GR		Day 20662	MW	2:30-3:45	502	STAFF	08/17-12/20	GR	V03	
Day	20338	TTh	12:30-1:45	105	STAFF	08/17-12/20	GR	V21	Day 20353	TTh	8:00-9:15	2450	STAFF	08/17-12/20	GR	V04	
	Lab	Tue	11:30-12:20	2412		08/17-12/20	GR		Day 22864	TTh	12:30-1:45	4127	STAFF	08/17-12/20	OP	V05	
Day	20349	TTh	1:00-2:15	507	SPIRN	08/17-12/20	GR	V22	Day 20356	Fri	9:30-12:20	2480	STAFF	08/17-12/20	GR	V06	
	Lab	Th	12:00-12:50	502		08/17-12/20	GR		Day 22758	TTh	1:30-2:45	503	STAFF	08/17-12/20	GR	V07	
Day	23052	TTh	2:00-3:15	2450	OTT	08/17-12/20	OP	V23	Eve 20365	Mon	7:00-9:50	106	NASH	08/17-12/20	GR	093	
	Lab	Tue	3:25-4:15	502		08/17-12/20	OP		Eve 22508	Tue	7:00-9:50	1871	STAFF	08/17-12/20	OP	094	
Day	20350	TTh	2:00-3:15	402	STAFF	08/17-12/20	GR	V24	Web 22863	By Arr	3.0 Hrs/Wk	ONLINE	DRY	08/17-12/20	OP	DE1	
	Lab	Th	3:25-4:15	2412		08/17-12/20	GR		<i>ENG 4-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</i>								
Day	20341	TTh	2:00-3:15	505	BUMMER	08/17-12/20	GR	V25	Web 22865	By Arr	3.0 Hrs/Wk	ONLINE	DRY	08/17-12/20	OP	DE2	
	Lab	Tue	3:25-4:15	2412		08/17-12/20	GR		<i>ENG 4-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</i>								
Day	20834	TTh	3:30-4:45	2480	COLE	08/17-12/20	GR	V26	<b>ENG 7 CRITICAL THINKING/WRITING 3.0 Units</b>								
	Lab	Th	4:55-5:45	2412		08/17-12/20	GR		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.								
Day	20351	Fri	9:30-12:20	403	STAFF	08/17-12/20	GR	V27	<i>Prerequisite: ENG 1A (completed with a grade of "C" or higher).</i>								
	Lab	Fri	12:30-1:20	401B		08/17-12/20	GR		Day 20358	MW	8:00-9:15	106	EAGAN	08/17-12/20	GR	V01	
Day	22289	Fri	8:00-10:50	2460	STAFF	08/17-12/20	OP	V28	Day 20355	MW	12:30-1:45	106	EAGAN	08/17-12/20	GR	V02	
	Lab	By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP		Day 20357	TTh	8:00-9:15	402	STAFF	08/17-12/20	GR	V03	
Eve	20367	MW	4:00-5:15	505	STAFF	08/17-12/20	GR	093	Day 22116	TTh	10:00-11:15	503	STAFF	08/17-12/20	GR	V04	
	Lab	Wed	5:25-6:15	2412		08/17-12/20	GR		Day 20511	TTh	2:30-3:45	507	SATO	08/17-12/20	GR	V05	
Eve	23053	TTh	5:30-6:45	4212	STAFF	08/17-12/20	OP	094	Eve 20798	MW	4:00-5:15	2460	STAFF	08/17-12/20	GR	093	
	Lab	Th	7:00-7:50	2412		08/17-12/20	OP		Eve 20448	MW	7:00-8:15	502	STAFF	08/17-12/20	GR	094	
Eve	22288	MW	7:00-8:15	103	STAFF	08/17-12/20	OP	095	Eve 22759	TTh	4:00-5:15	507	SATO	08/17-12/20	GR	095	
	Lab	By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP		Web 21550	By Arr	3.0 Hrs/Wk	ONLINE	BIELAWSKI	08/17-12/20	GR	DE1	
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	STAFF	08/17-12/20	GR	HY1									
	Lab	By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	GR										

**ENG IA-HY1 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>.**

**ENG IA-HY2 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>.**

**ENG IA-HY3 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>.**

**ENG IA-HY3 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>.**

**ENG IA-HY3 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>.**



**ENG 7-DE1 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 21716 By Arr 3.0 Hrs/Wk ONLINE BIELAWSKI 08/17-12/20 GR DE2  
ENG 7-DE2 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 23060 By Arr 3.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DE3  
ENG 7-DE3 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
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**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
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**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
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**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
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**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
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**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).*

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.*

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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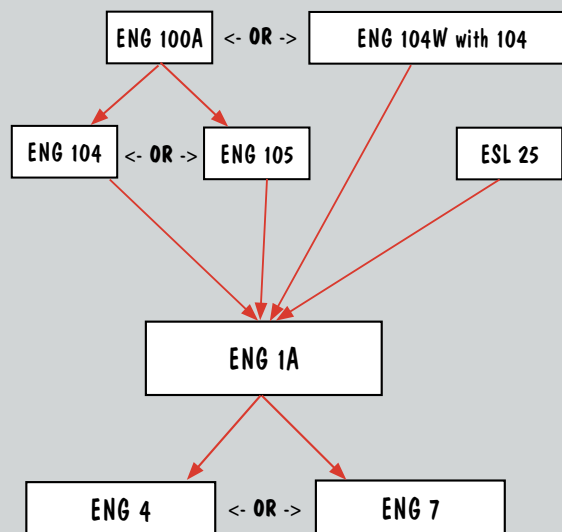
Eve	23063	MW	6:30-7:45	401A	STAFF	08/17-12/20	OP	093
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Lab	MW	7:55-9:10	401A			08/17-12/20	OP	
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## ENGLISH FLOW CHART

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

**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.*

Day	21240	MWF	8:00-8:50	401A	OTT	08/17-12/20	P/N	V01
	Lab	MWF	9:00-9:50	401A		08/17-12/20	P/N	
Day	21241	MWF	10:00-10:50	401A	SATO	08/17-12/20	P/N	V02
	Lab	MWF	11:00-11:50	401A		08/17-12/20	P/N	
Day	21242	MWF	10:00-10:50	401B	NASH	08/17-12/20	P/N	V03
	Lab	MWF	11:00-11:50	401B		08/17-12/20	P/N	
Day	21243	MW	3:00-4:15	401A	STAFF	08/17-12/20	P/N	V05
	Lab	MW	4:25-5:40	401A		08/17-12/20	P/N	
Day	22119	MW	3:00-4:15	401B	STAFF	08/17-12/20	P/N	V06
	Lab	MW	4:25-5:40	401B		08/17-12/20	P/N	
Day	21244	TTh	8:00-9:15	401B	SWANSON	08/17-12/20	P/N	V07
	Lab	TTh	9:25-10:40	401B		08/17-12/20	P/N	
Day	21268	TTh	12:00-1:15	401B	COLE	08/17-12/20	P/N	V08
	Lab	TTh	1:25-2:40	401B		08/17-12/20	P/N	
Day	21245	TTh	3:00-4:15	401A	BIELAWSKI	08/17-12/20	P/N	V09
	Lab	TTh	4:25-5:40	401A		08/17-12/20	P/N	
Day	21417	TTh	3:00-4:15	401B	EAGAN	08/17-12/20	P/N	V10
	Lab	TTh	4:25-5:40	401B		08/17-12/20	P/N	
Eve	21236	MW	6:30-7:45	401B	STAFF	08/17-12/20	P/N	093
	Lab	MW	7:55-9:10	401B		08/17-12/20	P/N	
Eve	21238	TTh	6:30-7:45	401A	STAFF	08/17-12/20	P/N	094
	Lab	TTh	7:55-9:10	401A		08/17-12/20	P/N	
Eve	21269	TTh	6:30-7:45	401B	STAFF	08/17-12/20	P/N	095
	Lab	TTh	7:55-9:10	401B		08/17-12/20	P/N	

**ENG 105 READING, REASONING AND WRITING 4.0 Units**

Preparation in English for success in courses across the curriculum. Integrates reading, critical thinking and writing assignments and introduces research and documentation skills. Designed for those requiring one semester of preparation for entering English 1A with a minimum of one-on-one support.

*Prerequisite: ENG 100A with a "Pass," equivalent course, or appropriate skill level demonstrated through the English assessment process.*

Day	23153	MW	11:00-12:15	PE209	GONZALES	08/17-12/20	OP	P01
	Lab	MW	12:30-1:45	401B		08/17-12/20	OP	

**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.*

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

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.*

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.*

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

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.**

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.**

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.**

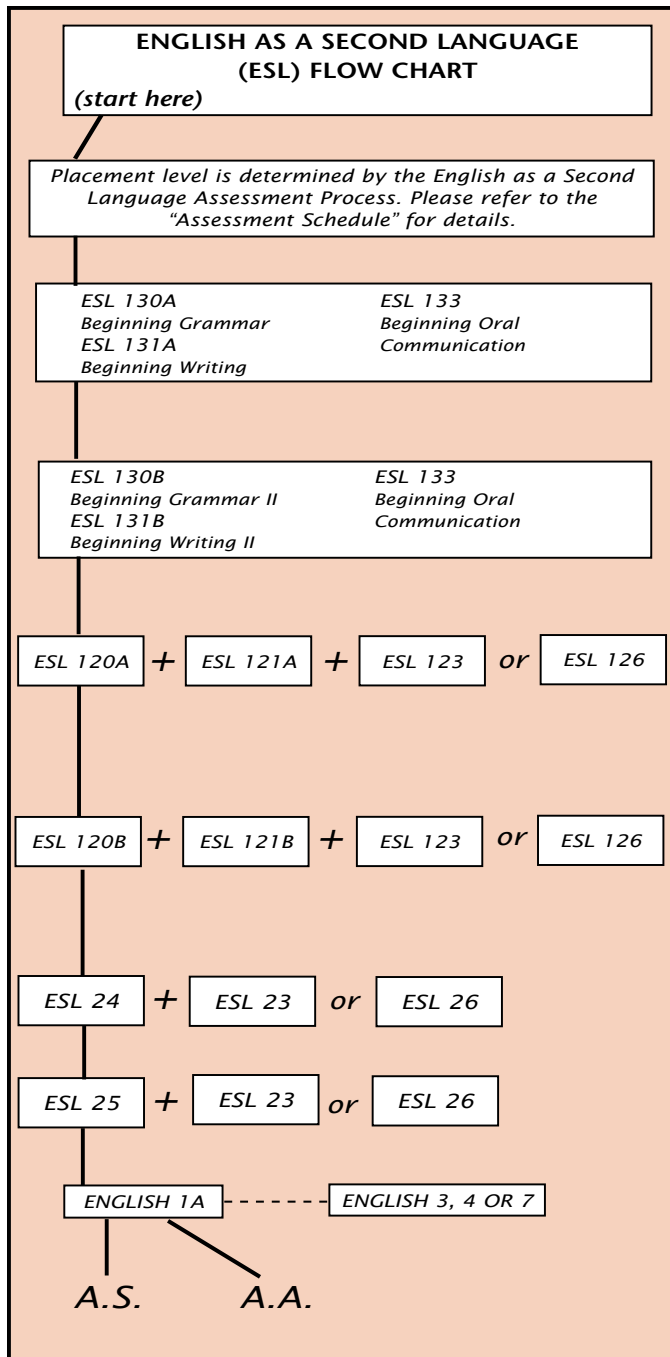
Day	20491	TTh	9:00-11:50	403	MARQUIS	08/17-12/20	P/N	V02
		Lab Tue	12:00-12:50	600		08/17-12/20	P/N	
Eve	20581	TTh	6:30-9:20	403	DEBAKCSY	08/17-12/20	P/N	093
		Lab Tue	5:30-6:20	600		08/17-12/20	P/N	

**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.

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.**

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.*

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	O93

**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.*

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	O93
		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.*

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	O93
		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.*

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	

## 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.*

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).

Day	20521	Fri	9:30-12:20	801	JOHANSEN	08/17-12/20	GR	V01
		Lab	Sat	1.0 hrs	TBA	801	08/17-12/20	GR

*FST 50-V01 has two labs TBA.*

Eve	20220	Mon	7:30-10:20	801	FREENEN	08/17-12/20	GR	O93
		Lab	By Arr	1.0 Hrs/Wk	801	08/17-12/20	GR	

*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.*

Day	20583	Fri	1:00-3:50	801	TORRES	08/17-12/20	GR	V01
		Lab	Fri	3:55-4:55	801	08/17-12/20	GR	

**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.

Eve	20317	Th	7:00-9:50	801	KORDES	08/17-12/20	GR	O93
		Lab	By Arr	1.0 Hrs/Wk	801	08/17-12/20	GR	

**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.

Eve	20221	Tue	7:00-9:50	801	ZOLFARELLI	08/17-12/20	GR	O93
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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.

Eve 20229 Wed 7:30-10:20 801 JOHANSEN 08/17-12/20 GR 093

**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.

Eve 20563 Wed 5:00-7:10 801 JOHANSEN 08/29-12/20 GR LEI

FST 74A-LEI 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.**

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

## 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.

Day 20281 MWF 11:00-12:25 104 STAFF 08/17-12/20 OP V01

Eve 21541 TTh 6:00-8:15 2480 STAFF 08/17-12/20 OP 093

## 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 is the Honors Seminar, designed for members of Honors Transfer Program, but open to all Las Positas College students.**

## GEOGRAPHY

**GEOG I 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 I STUDENTS ARE STRONGLY ENCOURAGED TO ENROLL CONCURRENTLY IN GEOGRAPHY II.**

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 By Arr 3.0 Hrs/Wk ONLINE ORF 08/17-12/20 GR DE1

**GEOG I-DE1 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 By Arr 3.0 Hrs/Wk ONLINE ORF 08/17-12/20 OP DE2

**GEOG I-DE2 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 IIL 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 IIL) 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

### GEOL I 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 (GEOL IL) may be taken concurrently with the lecture (GEOL I) or during a later term. Enrollment in the lecture (GEOL I) does not automatically enroll the student in the lab (GEOL IL); students must enroll in the lab course separately.*

Day	20572	MW	12:30-1:45	2420	HANNA	08/17-12/20	OP	V01
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Web	20573	By Arr	3.0 Hrs/Wk	ONLINE	HANNA	08/17-12/20	OP	DE1
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*GEOL I-DE1 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 I/L 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 (GEOL I/L) may be taken concurrently with the lecture (GEOL I) or during a later term. Enrollment in the lecture (GEOL I) does not automatically enroll the student in the lab (GEOL I/L); students must enroll in the lab course separately.*

Day	20574	Lab Tue	2:00-4:50	1828	HANNA	08/17-12/20	OP	V01
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Day	20575	Lab Wed	9:30-12:20	1828	STAFF	08/17-12/20	OP	V02
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Eve	22026	Lab Th	7:00-9:50	1828	STAFF	08/17-12/20	OP	093
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### GEOL 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
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Web	22027	By Arr	3.0 Hrs/Wk	ONLINE	HANNA	08/17-12/20	OP	DE1
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*GEOL 12-DE1 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 12/L 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 12/L) may be taken concurrently during a later term. Enrollment in the lecture (GEOL 12) does not automatically enroll the student in the lab (GEOL 12/L); students must enroll in the lab course separately.*

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

### HLTH I 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.

Day	20163	MW	8:00-9:15	2450	STAFF	08/17-12/20	OP	V01
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Day	20416	MW	11:00-12:15	2204	STAFF	08/17-12/20	OP	V02
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Day	21087	TTh	12:30-1:45	2204	EVERETT	08/17-12/20	OP	V04
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Day	20790	TTh	9:30-10:45	2206	EVERETT	08/17-12/20	OP	V05
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Eve	20389	Wed	6:00-8:50	106	STAFF	08/17-12/20	OP	093
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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	By Arr	3.0 Hrs/Wk	ONLINE	EVERETT	08/17-12/20	OP	DE1
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*HLTH I-DE1 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	20274	By Arr	3.0 Hrs/Wk	ONLINE	EVERETT	08/17-12/20	OP	DE2
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*HLTH I-DE2 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	20164	By Arr	3.0 Hrs/Wk	ONLINE	EVERETT	08/17-12/20	OP	DE3
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*HLTH I-DE3 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	21706	By Arr	3.0 Hrs/Wk	ONLINE	STAFF	08/17-12/20	OP	DE4
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*HLTH I-DE4 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.

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

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

### HIST I 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

Day	21718	MW	2:00-3:15	105	STAFF	08/17-12/20	GR	V01
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Web	20595	By Arr	3.0 Hrs/Wk	ONLINE	STAFF	08/17-12/20	GR	DE1
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*HIST I-DE1 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
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**HIST 2 WESTERN CIVILIZATION SINCE 1600 3.0 Units**  
History of the Modern Western World: Romanticism and the Industrial Revolution to the present.

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.

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	OP	094
Eve	20820	Th	7:00-9:50	4138	STAFF	08/17-12/20	GR	095

Web 20276 By Arr 3.0 Hrs/Wk ONLINE STAFF 08/17-12/20 GR DE1  
*HIST 7-DE1 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 20836 By Arr 3.0 Hrs/Wk ONLINE STAFF 08/17-12/20 GR DE2  
*HIST 7-DE2 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 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.

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	BENGINENO	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 By Arr 3.0 Hrs/Wk ONLINE BENGINENO 08/17-12/20 GR DE1  
*HIST 8-DE1 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 By Arr 3.0 Hrs/Wk ONLINE BENGINENO 08/17-12/20 GR DE2  
*HIST 8-DE2 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.

Day	20307	MW	12:30-1:45	2480	STAFF	08/17-12/20	OP	V01
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**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.

Day	20632	MW	2:00-3:15	2490	STAFF	08/17-12/20	OP	V01
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**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.

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.

Day	20643	TTh	12:30-1:45	2480	BENGINENO	08/17-12/20	OP	V01
Eve	20520	Wed	4:00-6:50	2480	BENGINENO	08/17-12/20	OP	093

## 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).

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 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.*

Eve	23182	Mon	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.*

Eve	23183	Tue	6:00-8:15	802	STAFF	08/17-12/20	OP	093
Lab		Tue	8:20-9:35	802		08/17-12/20	OP	

*HORT 55-093 has two Saturday meetings from 10am-2pm in room 806A on: Sept. 10 and ???????*

## 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.

Day	20165	MW	12:30-1:45	2460	STAFF	08/17-12/20	GR	V01
Day	23045	TTh	3:30-5:00	105	STAFF	08/17-12/20	OP	V02

**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.

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.

Day	20782	MW	11:00-12:15	2460	STAFF	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.

Day	20256	MW	2:00-3:15	106	STAFF	08/17-12/20	GR	V01
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**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.

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.

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.

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.

Eve	23156	Wed	6:30-9:20	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.*

Day	23175	By Arr	1.3 Hrs/Wk	tba	GRAVINO	08/29-12/20	OP	LSI
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*INTN 1-LSI 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.*

Web	23176	By Arr	1.3 Hrs/Wk	ONLINE	GRAVINO	08/29-12/20	OP	DEI
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*INTN 2-DEI 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.*

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.

Day 23191 TTh 9:30-10:45 PE104 STAEDL 08/17-12/20 OP V01

## 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).

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 POOL1 STAFF 08/17-12/20 OP V01

### 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 POOL1 STAFF 08/17-12/20 OP V01

### 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 POOL1 STAFF 08/17-12/20 OP V01

### 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 POOL1 STAFF 08/17-12/20 OP V01

### 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 POOL1 STAFF 08/17-12/20 OP V01

## 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 V01

### 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 V01

### KIN TK1 TAEKWONDO 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 V01

### 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 V01

## 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 V01

## KINESIOLOGY - FITNESS

### **KIN BX BOXAEROBICS** 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 V01

### **KIN CYCLI 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 will meet for one four-hour Saturday meeting to be announced.*

### **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 By Arr 2.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP HD1

*KIN-PF-HD1 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 By Arr 2.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP HD2

Lab By Arr 1.0 Hrs/Wk ONLINE 08/17-12/20 OP

*KIN-PF-HD2 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 and 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

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 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

**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.

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).*

Day	22664	MW	11:00-12:15	PE203	STAFF	08/17-12/20	OP	V01
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**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.

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.

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.

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.

Day	22144	MW	9:30-10:45	PE101	STAFF	08/17-12/20	OP	V01
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**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.

Day	22145	MW	9:30-10:45	PE101	STAFF	08/17-12/20	OP	V01
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**KIN FN1 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.

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 GF1 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.

Day	23211	MW	11:00-12:15	tba	STAFF	08/17-12/20	OP	V01
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*KIN GF1-V01 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	2:00-4:45	PE101	GIACOMAZZI	08/17-09/29	GR	V01
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**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 VO1

*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 VO1

*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.

Eve 22143 MTWTh 12:30-2:40 PE101 MORGAN 08/17-09/30 GR 093

**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 LE1

*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 VO1

*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 VO1

**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 VO1

*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 VO1

*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 1** **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
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### **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
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### **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
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### **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
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### **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
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### **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
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### **KIN UF1 ULTIMATE FRISBEE 1** **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
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### **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
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### **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
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### **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
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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.

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.

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.

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.

Day 21372 Mon 5:00-6:50 PE212 STAFF 08/29-10/10 GR LEI

**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 \$30 for athletic taping supplies at registration.*

Day 21370 TTh 11:00-12:15 PE209 STAFF 08/17-12/20 GR HYI

By Arr 3.0 Hrs/Wk ONLINE 08/17-12/20 GR

*KIN 17-HYI is a hybrid course. Students will meet on campus Tuesdays and Thursdays from 11-12:15pm 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.laspositacollege.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.

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.

Day 20232 Th 9:00-10:50 1640 STAFF 10/17-12/09 P/N FT2

*LRNS 116-FT2 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.

Day 23180 MW 11:00-11:50 1640 STAFF 08/17-12/20 OP V01

**THIS COURSE IS INTENDED TO BE TAKEN IN SUPPORT OF ENGLISH 100A, 104/105, 1A.**

**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.

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.

Day 23179 Th 12:00-1:50 1640 STAFF 08/17-12/20 OP V01

## 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 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 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 By Arr 3.6 Hrs/Wk 2003 STAFF 09/20-11/29 OP LD1

*LIBR 8-LD1 is a hybrid course. Students will meet on campus from 6pm-7:30pm in room 2003 on the following Tuesdays: Sep. 20, Sep.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.laspositacollege.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
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Eve	21407	Tue	6:00-8:50	2205	STOKKE	08/17-12/20	OP	093
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Web	20875	By Arr	3.0 Hrs/Wk	ONLINE	GROOMS	08/17-12/20	OP	DEI
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*MKTG 50-DEI 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.

*Strongly recommended: Marketing 50. 3 hours.*

Eve	23181	Mon	6:00-8:50	2490	LAUFFER	08/17-12/20	OP	LHI
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*MKTG 64-LHI is a hybrid course. 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
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### 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
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### 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
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### 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. Strongly recommended: Eligibility for ENG 1A. 1 hour lecture, 6 hours lab. Transfer CSU Degree Applicable, Credit.

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

*Prerequisite: MSCM 16A (completed with a grade of "C" or higher). Strongly recommended: Eligibility for ENG 1A.*

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	

### 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.

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.

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.**

Day	23065	Fri	2:00-2:50	2409	KORBER	08/17-12/20	OP	V01
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**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.

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).*

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.*

Day	20900	TTh	1:00-1:50	2409	STAFF	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.*

Day	20334	MWF	9:30-10:55	1873	DAUBENMIRE	08/17-12/20	GR	V01
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*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

**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	



**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).*

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	

**A TI-84 or TI-83 Calculator may be required for this course. Consult with the instructor before buying a calculator for this course.**

**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**

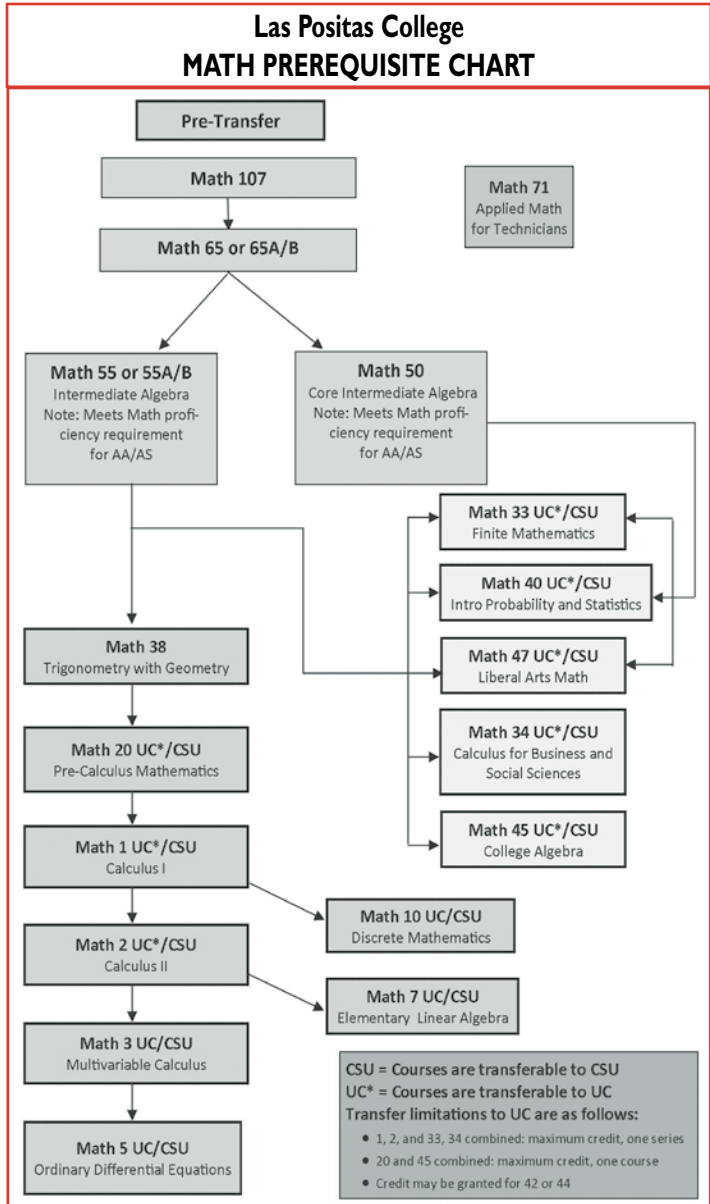
Linear functions, systems of linear equations and inequalities, exponential and logarithmic functions and applications, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability. Applications in business, economics and social 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	

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

**INSERT VTI NOTE**

**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.

*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	
Day	23029	MWF	1:00-2:10	PE212	OWENS	08/17-12/20	OP	V02
		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
		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.*

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	

Web	22061	Fri	9:30-11:20	607	AUGUST	08/17-12/20	OP	HDI
		By Arr	2.0 Hrs/Wk	ONLINE		08/17-12/20	OP	
		By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*Math 40-HD1 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>. A TI-84 or TI-83 calculator may be required. Consult with your instructor before buying a calculator for this course.*

Web	22301	Fri	12:00-1:50	607	AUGUST	08/17-12/20	OP	HD2
		By Arr	2.0 Hrs/Wk	ONLINE		08/17-12/20	OP	
		By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*Math 40-HD2 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>. A TI-84 or TI-83 calculator may be required. Consult with your instructor before buying a calculator for this course.*

**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*

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

**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	VT1
		Fri	9:30-10:50	1859		08/17 11/04	OP	
		Lab	Fri 11:00-12:20	1859		08/17 11/04	OP	

**INSERT VTI NOTE**

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	By Arr	5.0 Hrs/Wk	ONLINE	BLUMENFELD	08/17-12/20	OP	HD1
		By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

*Math 55-HD1 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. 14 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
		By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	
		By Arr	3.0 Hrs/Wk	ONLINE		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>.*

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	
Day	22459	Wed	10:30-12:45	607	STAFF	08/17-12/20	OP	X06
	Lab	Mon	12:00-12:50	607		08/17-12/20	OP	
Eve	22079	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 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>.*

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	20087	MWF	8:00-9:25	102	DAUBENMIRE	08/17-12/20	OP	V01
	Lab	By Arr	1.0 Hrs/Wk	600		08/17-12/20	OP	
Day	20204	MWF	9:30-10:55	102	STAFF	08/17-12/20	OP	V02
	Lab	By Arr	1.0 Hrs/Wk	600		08/17-12/20	OP	
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	By Arr	5.0 Hrs/Wk	ONLINE	AUGUST	08/17-12/20	OP	HDI
	Lab	By Arr	1.0 Hrs/Wk	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
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**Math 65-HD1 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>.**

Web	20088	Th	12:30-2:45	1873	BLUMENFELD	08/17-12/20	OP	HD2
		By Arr	2.5 Hrs/Wk	ONLINE		08/17-12/20	OP	
		By Arr	1.0 Hrs/Wk	ONLINE		08/17-12/20	OP	

**Math 65-HD2 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>.*

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. For hybrid/distance education sections, the TBA lab hour may be completed online or in the Open Math Lab/ILC (check with Instructor).**

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>.*

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>.*

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>.*

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	

**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.

**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>.*

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](http://www.laspositascollege.edu/mathjam).

Day	22780	Daily	9:00-3:00	2401	STAFF	08/17-12/20	OP	MJ1
Day	22781	Daily	9:00-3:00	2401	STAFF	08/17-12/20	OP	MJ2
Day	22782	Daily	9:00-3:00	2401	STAFF	08/17-12/20	OP	MJ3
Day	22783	Daily	9:00-3:00	2401	STAFF	08/17-12/20	OP	MJ4
Day	22784	Daily	9:00-3:00	2401	STAFF	08/17-12/20	OP	MJ5

**(MATH JAM AD)**

## 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 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](http://www.laspositascollege.edu/honors) for more information.**

Day	22789	MW	9:30-10:45	4130	ZIMMERMAN	08/29-12/20	OP	V03
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### 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 By Arr 3.0 Hrs/Wk ONLINE BROWNE ROSE 08/17-12/20 OP DE1**  
**MUS 5-DE1 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 By Arr 3.0 Hrs/Wk ONLINE BROWNE ROSE 08/17-12/20 OP DE2**  
**MUS 5-DE2 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
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### 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 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](http://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
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### 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
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### 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
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### 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.

**Enrollment by audition only.**

Day	23158	Lab MW	1:30-2:45	4138	MARSCHAK	08/17-12/20	OP	V01
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**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.  
*Prerequisite: 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 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 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 BROWNE ROSE 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

*Music 38 requires enrollment with a private music instructor.*

**MUS 40 PASSPORT TO MUSIC** 1.0 Units  
 Supervised participation in scheduled performances of the music department in performer, accompanist and/or technical assistant capacity. Hour value to be determined by the instructor, after audition, based upon the scope of the performance or technical assignment. Enrollment is for the duration of one particular performance, workshop, or concert tour.

Day 22788 Lab MW 6:00-8:50 4130 BROWNE ROSE 08/29-12/20 OP LSI

*MUS 40-LSI is a Late Start course that meets from Aug 29-Dec 20.*

**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.

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).*

Day 20489 Lab MW 1:00-2:15 4130 STAFF 08/29-12/20 OP LSI  
 MUS 46A-LSI is a Late Start course that meets from Aug 29-Dec 20.

**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).*

Day 21090 Lab MW 1:00-2:15 4130 STAFF 08/29-12/20 OP LSI  
 MUS 46B-LSI is a Late Start course that meets from Aug 29-Dec 20.

## NUTRITION

**NUTR I 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 By Arr 3.0 Hrs/Wk ONLINE POLOKOFF 08/17-12/20 OP DEI  
 NUTR I-DEI 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 I 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 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](http://www.laspositascollege.edu/honors) for more information.

Web 22704 By Arr 3.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DEI

PHIL I-DEI 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 By Arr 6.7 Hrs/Wk ONLINE STAFF 10/17-12/09 OP L01  
 PHIL 1-L01 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 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](http://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 will meet at Dublin High School in the Library.

Dublin High School Address: 8151 Village Parkway, Dublin, CA 94568

Web 20503 By Arr 3.0 Hrs/Wk ONLINE BODNAR 08/17-12/20 GR DEI

PHIL 2-DEI 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

**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.

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
Day	21025	Wed	9:00-9:50	300	STAFF	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	STAFF	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	STAFF	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.*

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.*

Day	21298	Mon	12:00-12:50	4130	STAFF	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).*

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.

Eve	22511	Mon	6:00-8:50	PE209	HORVATH	08/17-12/20	OP	093
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## 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).*

Day	20127	TTh	9:30-10:45	1826	STAFF	08/17-12/20	GR	V01
Lab		Wed	8:00-10:50	1831		08/17-12/20	GR	
Day	22754	Lab TTh	9:30-10:45	1826	STAFF	08/17-12/20	OP	V02
		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).*

Day	20393	TTh	11:00-12:50	1816	REHAGEN	08/17-12/20	OP	V01
Lab		Tue	1:00-3:50	1831		08/17-12/20	OP	
Day	20392	TTh	11:00-12:50	1816	REHAGEN	08/17-12/20	OP	V02
Lab		Th	1:00-3:50	1831		08/17-12/20	OP	
Day	23163	MW	2:30-4:20	1872	STAFF	08/17-12/20	OP	V03
Lab		Mon	4:30-7:20	1831		08/17-12/20	OP	
Day	23164	MW	2:30-4:20	1872	STAFF	08/17-12/20	OP	V04
Lab		Wed	4:30-7:20	1831		08/17-12/20	OP	

**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).*

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.  
*Prerequisites: Physics 8A and Mathematics 2 (both completed with a grade of "C" or higher). Strongly recommended: Physics 8B.*

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.*

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

*Web 20638 By Arr 4.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DEI*  
**POLI 7-DEI 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.*

Day	20865	TTh	11:00-12:15	2205	STAFF	08/17-12/20	OP	V01
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## 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.*

Day	20641	MW	9:30-10:45	2450	STAFF	08/17-12/20	OP	V01
Day	20015	MW	11:00-12:15	2450	DOERR	08/17-12/20	OP	V02
Day	20784	MW	12:30-1:45	2205	STAFF	08/17-12/20	OP	V03
Day	20870	MW	2:00-3:15	2205	STAFF	08/17-12/20	OP	V04
Day	20783	TTh	9:30-10:45	2450	STAFF	08/17-12/20	OP	V05
Day	20016	TTh	11:00-12:15	2420	STAFF	08/17-12/20	OP	V06
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	*160	STAFF	08/17-12/20	OP	095

PSYC 1-095 will meet at Village High School in the Multi-Purpose Room.  
Village High School Address: 4645 Bernal Ave. Pleasanton, CA 94566

Web 20372 By Arr 3.0 Hrs/Wk ONLINE RUYS 08/17-12/20 OP DE1

PSYC 1-DE1 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 By Arr 3.0 Hrs/Wk ONLINE ROY 08/17-12/20 OP DE2

PSYC 1-DE2 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 By Arr 3.0 Hrs/Wk ONLINE BUNDY 08/17-12/20 OP DE3

PSYC 1-DE3 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 By Arr 6.7 Hrs/Wk ONLINE BUNDY 08/17-12/20 OP DE4

PSYC 1-DE4 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.*

Day 20593 TTh 11:00-12:15 402 ROY 08/17-12/20 OP V01

Web 20866 By Arr 3.0 Hrs/Wk ONLINE ROY 08/17-12/20 OP DE1

PSYC 3-DE1 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.*

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 By Arr 3.0 Hrs/Wk ONLINE BUNDY 08/17-12/20 OP DE1

PSYC 4-DE1 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.

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.

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.

Day 20867 TTh 9:30-10:45 2205 STAFF 08/17-12/20 OP V01

Web 22049 By Arr 3.0 Hrs/Wk ONLINE RUYS 08/17-12/20 OP DE1

PSYC 12-DE1 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.*

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.

Day 22658 MW 12:30-1:45 2306 LIGNELL 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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**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.

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).*

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.

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.

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.*

Day 20168 TTh 2:00-2:55 1641 STAFF 08/29-12/20 OP LSI  
 PSCN 10-LSI is a Late Start course that meets from Aug 29-Dec 20.

Eve 21072 Wed 5:00-6:50 1641 GRAVINO 08/17-12/20 OP 093

Web 20552 By Arr 2.0 Hrs/Wk ONLINE LEE 08/17-12/20 OP DEI  
 PSCN 10-DEI 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 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 By Arr 3.0 Hrs/Wk ONLINE LEE 08/17-12/20 OP DEI  
 PSCN 13-DEI 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 By Arr 6.7 Hrs/Wk ONLINE LIRA 08/29-10/21 OP L01  
 PSCN 13-L01 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 By Arr 6.7 Hrs/Wk ONLINE LIRA 10/17-12/09 OP L02  
 PSCN 13-L02 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 is a Fast Track course that meets from Oct 17-Dec 9.

Web 20793 By Arr 4.5 Hrs/Wk ONLINE STAFF 08/17-10/14 OP DEI  
 PSCN 15-DEI 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 is a Fast Track course that meets from Oct 17-Dec 9.

**Web 22950** By Arr 1.0 Hrs/Wk **ONLINE SCHWARZ** 08/29-12/20 **OP L01**  
**PSCN 18-L01 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 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 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**

The above section is part of the Puente Program Learning Community and is linked to ENG 105, MW 11-12:15 and 12:30-1:45 p.m. For more information, or to register for the program, please contact Rafael Valle at [rvalle@laspositascollege.edu](mailto:rvalle@laspositascollege.edu).

## RELIGIOUS STUDIES

**RELS I 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 I-093 will meet at Dublin High School in Room: Library.  
 Dublin High School Address: 8151 Village Parkway, Dublin, CA 94568

**Web 20329** By Arr 3.0 Hrs/Wk **ONLINE STAFF** 08/17-12/20 **GR DE1**  
**RELS I-DE1 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** By Arr 3.0 Hrs/Wk **ONLINE STAFF** 08/17-12/20 **GR DE2**  
**RELS I-DE2 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** By Arr 3.0 Hrs/Wk **ONLINE THOMPSON** 08/17-12/20 **OP DE1**  
**SOC 1-DE1 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 20664** By Arr 3.0 Hrs/Wk **ONLINE THOMPSON** 08/17-12/20 **OP DE2**  
**SOC 1-DE2 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** By Arr 3.0 Hrs/Wk **ONLINE THOMPSON** 08/17-12/20 **OP DE3**  
**SOC 1-DE3 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** By Arr 3.0 Hrs/Wk **ONLINE HIROSE** 08/17-12/20 **OP DE1**  
**SOC 3-DE1 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** By Arr 3.0 Hrs/Wk **ONLINE HIROSE** 08/17-12/20 **OP DE2**  
**SOC 3-DE2 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** By Arr 3.0 Hrs/Wk **ONLINE STAFF** 08/17-12/20 **OP DE1**  
**SOC 4-DE1 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 By Arr 3.0 Hrs/Wk ONLINE STAFF 08/17-12/20 OP DE1  
**SOC 6-DE1 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.*

**SPAN 1A-V01, V02, & V03 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](http://www.laspositascollege.edu/honors) for more information.**

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

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 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](http://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 STAFF 08/17-12/20 OP V01

Day 20504 MW 9:30-10:45 4213 STAFF 08/17-12/20 OP V02

Day 20517 TTh 9:30-10:45 4212 DOBSON 08/17-12/20 OP V03

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 STAFF 08/17-12/20 OP V08

Day 20391 TTh 9:30-10:45 4213 STAFF 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 STAFF 08/17-12/20 OP V11

Day 23047 MW 8:00-9:15 4212 STAFF 08/17-12/20 OP V12

Day 20105 TTh 12:30-3:20 4212 HEISLER 08/17-10/14 OP FT1

*SPCH 1-FT1 is a Fast Track course that meets from Aug 17-Oct 14.*

Day 20254 TTh 12:30-3:40 4212 HEISLER 10/17-12/09 OP FT2

*SPCH 1-FT2 is a Fast Track course that meets from Oct 17-Dec 9.*

Eve 20568 Tue 7:00-9:50 4212 BREHE-JOHNS 08/17-12/20 OP 093

Eve 20107 Wed 7:00-9:50 4212 STAFF 08/17-12/20 OP 094

Eve 20267 Th 7:00-9:50 4213 STAFF 08/17-12/20 OP 095

Eve 20268 Mon 7:00-9:50 4212 STAFF 08/17-12/20 OP 096

Eve 22778 Tue 7:00-9:50 1641 STAFF 08/17-12/20 OP 097

Eve 22821 MW 3:30-4:45 4130 STAFF 08/17-12/20 OP 098

**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	STAFF	08/17-12/20	OP	093
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**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	STAFF	08/17-12/20	OP	V01
		Lab	By Arr	2.0 Hrs/Wk	4211		08/17-12/20	OP	

*SPCH 48-V01 is offered for 1-4 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
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**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
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**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
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**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
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**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 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	LEI
		Lab	MTWTh	8:10-10:00	4127		10/03-12/20	OP	

*THEA 47A-LEI is a Late Start course that meets from Oct 3-Dec 20.*

**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
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*THEA 47B-093 is a short term course that meets from Aug 17-Oct 30.*

Eve	23071	MTWTh		7:00-10:00	4127	LISH	10/03-12/20	OP	LEI
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*THEA 47B-LEI is a Late Start course that meets from Oct 3-Dec 20.*

**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
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*THEA 47C-093 is a Short Term course that meets from Aug 17-Oct 30.*

Eve	23074	MTWTh		7:00-10:00	4127	LISH	10/03-12/20	OP	LEI
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*THEA 47C-LEI is a Late Start course that meets from Oct 3-Dec 20.*

**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
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*THEA 47D-093 is a Short Term course that meets from Aug 17-Oct 30.*

Eve	23076	MTWTh		7:00-10:00	4127	LISH	10/03-12/20	OP	LEI
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*THEA 47D-LEI is a Late Start course that meets from Oct 3-Dec 20.*

**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	

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

**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
<i>TUTR 17C-V01 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>								

**TUTR 200 SUPRVS D 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
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## 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: Visual Communications 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.

*Prerequisite: VCOM 54. Strongly Recommended: VCOM 50, VCOM 51 and VCOM 52.*

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 *Vitis 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
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**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.

Eve	23185	Mon	5:00-7:50	2450	STAFF	08/17-12/20	OP	093
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**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.*

Eve	20787	Th	5:00-7:50	1814	EVERETT	08/17-12/20	OP	093
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**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.*

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 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.*

Eve	21572	Mon	5:00-8:50	1814	EVERETT	08/17-12/20	GR	093
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**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 ??? associated with this class.*

Eve	23184	Tue	5:00-7:50	1814	EVERETT	08/17-12/20	OP	093
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## 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.**

Eve	20881	Mon	7:00-7:50	1602	STAFF	08/17-12/20	OP	093
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**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.*

Day	21568	Lab Mon	4:30-6:45	810	STAFF	08/17-12/20	OP	V01
		Lab Wed	3:30-6:45	810		08/17-12/20	OP	
Eve	20882	Lab Mon	8:00-10:15	810	STAFF	08/17-12/20	OP	093
		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.*

Day	21569	Lab Mon	4:30-6:45	810	STAFF	08/17-12/20	OP	V01
		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	093
		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.*

Eve	20884	Tue	7:00-7:50	1602	STAFF	08/17-12/20	OP	093
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**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.*

Day	20885	Lab Tue	4:30-6:45	810	STAFF	08/17-12/20	OP	V01
		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	093
		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. Corequisite: Welding Technology 62A or Welding Technology 62B.*

**STUDENTS ENROLLED IN WLDT 62BL LAB MUST ALSO BE ENROLLED IN WLDT 62A LECTURE.**

*Students enrolled in WLDT 62BL lab class will be assessed a \$75 materials fee at registration.*

Day	20887	Lab Th	3:30-6:45	810	STAFF	08/17-12/20	OP	V01
		Lab Tue	4:30-6:45	810		08/17-12/20	OP	
Eve	20888	Lab Tue	8:00-10:15	810	STAFF	08/17-12/20	OP	093
		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.*

Day	20889	Lab Mon	4:30-6:45	810	STAFF	08/17-12/20	OP	V01
		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	093
		Lab Wed	7:00-10:15	810		08/17-12/20	OP	
Eve	22041	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	
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	
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.*

Day	20891	Lab Tue	4:30-6:45	810	STAFF	08/17-12/20	OP	V01
		Lab Th	3:30-6:45	810		08/17-12/20	OP	
Day	22043	Lab Mon	4:30-6:45	810	STAFF	08/17-12/20	OP	V02
		Lab Wed	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	093
		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	094
		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.*

Day	20893	Lab Mon	4:30-6:45	810	STAFF	08/17-12/20	OP	V01
		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	093
		Lab Wed	7:00-10:15	810		08/17-12/20	OP	
Eve	21571	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	
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	
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 electrode 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 join 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.*

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.*

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	
<i>*offsite room meets at LIVERMORE HIGH SCHOOL 600 MAPLE ST, LIVERMORE, CA</i>								

**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	tba	STAFF	08/17-12/20	OP	V01
		Tue	2:30-3:45	tba		08/17-12/20	OP	

**WLDT 79-V01 is designed for students pursuing the A.S. Engineering Technology degree. This course must be taken with ENGR 10-VT1, CRN 22328, which meets Mondays 1:00-2:50pm.**

## WOMENS STUDIES

**WMST I 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.

Day	21270	TTh	11:00-12:15	2480	BENGIVENO	08/17-12/20	OP	V01
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## 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.*

Day 21032 By Arr 10.4 Hrs/Wk tba AYOTTE 08/29-12/20 GR LO1

**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.laspositacollege.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.*

Web 21033 By Arr 1.0 Hrs/Wk ONLINE AYOTTE 08/29-12/20 GR HD1

**WRKX 96-DE1 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.laspositacollege.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.laspositacollege.edu/WorkBasedLearning/studentFAQs.php>.**