

# Spring 2015 Course Listings

# HOW TO READ THE COURSE LISTINGS

## Reading the Schedule - What does it mean?

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

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

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

**DAYS:**  
Indicates the days the course is offered.

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

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

**INSTR:**  
Indicates the INSTRUCTOR for the class.

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

**SEC:**  
Indicates the SECTION NUMBER

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

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

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

**California Articulation Number (CAN):** The California Articulation Number system identifies some of the transferable, lower-division, introductory, preparatory courses commonly taught within each academic discipline on college campuses. The system assures students that a CAN course on one participating campus will be accepted “in lieu of” the comparable CAN course on another participating campus. Each campus retains its own numbering system.

For a complete list of CAN courses, see the Las Positas College Catalog.

### PREREQUISITE:

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

### COREQUISITE:

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

### STRONGLY RECOMMENDED:

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

# SPRING 2015 COURSE LISTINGS

## EXPLANATION OF COURSE TYPES:

- Day** = Indicates the course is taught between 7am and 4pm
- Even** = 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:

- DE\_** = Course is taught in online or hybrid format.
- FS\_** = Course is part of the CFS Program.
- FT\_** = Course is approximately half-semester length.
- LS\_** = Course starts the week of Feb 3rd.
- PO\_** = Course is part of the Puente Program.
- WE\_** = Course is offered in our weekend program (Friday evenings and/or Saturdays).
- XO\_** = Course is part of the Math X Program.

- \*Courses are open to all students who meet the academic requirements.
- \*All course information is subject to change.
- \*Courses not meeting enrollment requirements may be cancelled.

**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; ND = Not degree applicable

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 9997 LAW ENFORCEMENT ACADEMY 29.0 Units**  
 Basic concepts of law enforcement, covering investigation, procedures, records, laws, tactics, firearms, and public and human relations. The Law Enforcement Academy is certified by the Commission of Peace Officer Standards and Training (POST). Strongly Recommended: AJ 50, 60, 61, and 70 or employment as a peace officer.

**The 153rd Academy**  
*is scheduled for January 5, 2015 - July 15, 2015. In addition to the College enrollment fees of \$46 per unit (\$1,334.00), there are laboratory/materials fees associated with this course. Students may initiate the application process 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 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 30612 MW 12:30-1:45 2206 TARTE 01/20-05/29 OP V01

**AJ 54 INVESTIGATIVE REPORTING 3.0 Units**  
 Investigative reports with emphasis upon accuracy and details necessary. Includes arrest reports, incident reports, and miscellaneous field reports. Techniques and methods used to cover information; how to analyze and present information in a clear and concise report.

Day 30948 TTh 2:00-3:15 2206 TARTE 01/20-05/29 GR V01

**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.

Even 32598 Wed 4:00-6:50 2206 MEEHAN 01/20-05/29 OP V01

**AJ 61 EVIDENCE 3.0 Units**  
 Origin, development, philosophy and constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies.

Even 30491 Th 7:00-9:50 2450 STEWARD 01/20-05/29 GR 093

**AJ 68 POLICE ETHICS AND LEADERSHIP 3.0 Units**  
 This course will explore the ethical, legal and moral complexities of law enforcement in a democracy. From the initial application process and background investigation of a potential law enforcement recruit, to the working law enforcement officer, the course will examine society's need for ethical behavior and leadership by law enforcement agencies and the personal commitment to ethical behavior and ethical leadership by individual law enforcement officers, both on the job and in their private lives.

Day 31174 Th 4:00-6:50 2450 MC QUISTON 01/20-05/29 OP V01

**AJ 74 GANGS AND DRUGS 3.0 Units**  
 Definition of a gang and gang activity. Historical and cultural aspects. Interrelationships among local, national and international gangs, including prison gangs. Gang activity in relation to drug trafficking.

Even 32813 Tue 4:00-6:50 2204 HARTER 01/20-05/29 OP 093

**AJ 79 HOMICIDE INVESTIGATION 3.0 Units**  
 Process of analysis of all aspects of the death case in order to arrive at the true cause and manner of the death, whether it be murder, suicide, accidental or natural. Emphasis on importance of the death scene related to investigation of course.

Day 30589 TTh 12:30-1:45 2206 TARTE 01/20-05/29 OP V01

## AMERICAN SIGN LANGUAGE

45 C.E. UNITS FOR RN/LVN AVAILABLE FOR COMPLETION OF ASL 1A, 1B, OR 2B

### 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	30591	MW	11:00-12:15	2201	STAFF	01/20-05/29	GR	V01
Day	31670	TTh	5:30-6:45	2480	COLE	01/20-05/29	GR	V02
Eve	31882	MW	5:30-6:45	2480	STAFF	01/20-05/29	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:** ASL 1A (completed with a grade of "C" or higher).

Day	30670	MW	12:30-1:45	2201	STAFF	01/20-05/29	GR	V01
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### ASL 2B AMERICAN SIGN LANGUAGE IV 3.0 Units

Further development of American Sign Language (ASL) receptive/ expressive skills and knowledge learned in ASL 2A. Emphasis on conversational skills in functional situations, continued expansion of vocabulary and knowledge of Deaf culture and the Deaf community.

**Prerequisite:** ASL 2A (completed with a grade of "C" or higher).

Eve	30592	Tue	7:00-9:50	2480	COLE	01/20-05/29	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	31489	TTh	9:30-10:45	2203	HASTEN	01/20-05/29	OP	V01
Day	31490	TTh	11:00-12:15	2203	HASTEN	01/20-05/29	OP	V02
Day	31491	TTh	12:30-1:45	2203	HASTEN	01/20-05/29	OP	V03
Day	32176	MW	2:00-3:15	2203	MURRAY	01/20-05/29	OP	V04
Eve	32696	Tue	7:00-9:50	2203	MURRAY	01/20-05/29	OP	093

**Web** 31488 By Arr 3.0 Hrs/Wk ONLINE OEH 01/20-05/29 OP DEI

**ANTR 1-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 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.

**Prerequisite:** ANTR 1 (may be taken concurrently). **Strongly recommended:** Eligibility for ENG 1A.

Day	31493	Lab Mon	3:30-6:45	2203	STAFF	01/20-05/29	OP	V01
Day	31494	Lab Wed	3:30-6:20	2203	SMITHSON	01/20-05/29	OP	V02

### 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** 31496 TTh 2:00-3:15 2203 SMITHSON 01/20-05/29 OP V01

**Web** 31495 By Arr 3.0 Hrs/Wk ONLINE OEH 01/20-05/29 OP DEI

**ANTR 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>.**

### 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** 31497 MW 9:30-10:45 2203 HASTEN 01/20-05/29 OP V01

**Day** 31498 MW 11:00-12:15 2203 HASTEN 01/20-05/29 OP V02

### 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** 31499 Th 6:30-9:45 2203 MURRAY 02/03-05/29 OP LSI

**ANTR 5-LSI is a Late Start class that meets from Feb 3-May 29.**

### 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** 32105 MW 12:30-1:45 2203 MURRAY 01/20-05/29 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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**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	31492	Th	3:30-6:20	2203	SMITHSON	01/20-05/29	OP	093
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Eve	31255	TTh	7:00-7:50	501	SATTERTHWAI	01/20-05/29	OP	093
Lab		TTh	8:00-9:50	501		01/20-05/29	OP	

**ARTS 3A FIGURE AND COMPOSITION I 3.0 Units**

Introduction to drawing the human figure from observation Topics include an introduction to human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure.

Strongly recommended: ARTS 2A.

Day	31258	TTh	9:30-10:20	501	PASKEWITZ	01/20-05/29	OP	V01
Lab		TTh	10:30-12:20	501		01/20-05/29	OP	

## ART-HISTORY

**ARHS I 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	31535	Mon	6:00-8:50	4213	ALBAIR	01/20-05/29	OP	093
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**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	31256	Tue	2:00-4:50	4213	HOWELL	01/20-05/29	OP	V01
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**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	31257	MW	12:30-1:45	4213	PASKEWITZ	01/20-05/29	OP	V01
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Eve	31662	Th	6:00-8:50	1871	HOWELL	01/20-05/29	OP	093
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**ARTS 3B FIGURE AND COMPOSITION II 3.0 Units**

Development of knowledge and skills introduced in Art 3A, with an emphasis on composition, color, and drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure.

Prerequisite: ARTS 3A (completed with a grade of "C" or higher).

Day	31259	TTh	9:30-10:20	501	PASKEWITZ	01/20-05/29	OP	V01
Lab		TTh	10:30-12:20	501		01/20-05/29	OP	

**ARTS 3C FIGURE AND COMPOSITION III 3.0 Units**

Advanced application of knowledge and skills introduced in Arts 3B, with emphasis on composition, color, and drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will start to utilize personal approaches and media to drawing the figure.

Prerequisite: ARTS 3B (completed with a grade of "C" or higher).

Day	31260	TTh	9:30-10:20	501	PASKEWITZ	01/20-05/29	OP	V01
Lab		TTh	10:30-12:20	501		01/20-05/29	OP	

**ARTS 3D FIGURE AND COMPOSITION IV 3.0 Units**

Advanced application of knowledge and skills introduced in Arts 3C at a more personal level. Drawing the figure with charcoal, conté, graphite, ink, watercolor, pastels, and tempera with emphasis on composition and color and drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure.

Prerequisite: ARTS 3C (completed with a grade of "C" or higher).

Day	31261	TTh	9:30-10:20	501	PASKEWITZ	01/20-05/29	OP	V01
Lab		TTh	10:30-12:20	501		01/20-05/29	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: ARTS 2A.

Day	31262	TTh	2:00-2:50	501	SATTERTHWA	10/1-20-05/29	OP	V01
Lab		TTh	3:00-4:50	501		01/20-05/29	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: ARTS 7A (completed with a grade of "C" or higher).

Day	31263	TTh	2:00-2:50	501	SATTERTHWAI	01/20-05/29	OP	V01
Lab		TTh	3:00-4:50	501		01/20-05/29	OP	

## 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.

Eve	31253	TTh	7:00-7:50	501	SATTERTHWAI	01/20-05/29	OP	093
Lab		TTh	8:00-9:50	501		01/20-05/29	OP	

**ARTS 2B DRAWING AND COMPOSITION 3.0 Units**

Exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical contemporary approaches to drawing.

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

Day	31254	MW	8:30-9:20	501	PASKEWITZ	01/20-05/29	OP	V01
Lab		MW	9:30-11:20	501		01/20-05/29	OP	

(ARTS 2B CONTINUES)



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ARTS 7C ADV WATERCOLOR PAINTING I 3.0 Units</b>									<b>ARTS 13C ACRYLIC PAINTING:ADVANCED I 3.0 Units</b>								
Development of knowledge and skills introduced in Art 7B directed towards individual needs with an emphasis on individual expression.									Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style.								
<b>Prerequisite:</b> ARTS 7B (completed with a grade of "C" or higher).									<b>Prerequisite:</b> ARTS 13B or equivalent (completed with a grade of "C" or higher).								
Day	31264	TTh	2:00-2:50	501	SATTERTHWA	101/20-05/29	OP	V01	Day	31272	Fri	9:00-10:50	501	OBLAK	01/20-05/29	OP	V01
Lab		TTh	3:00-4:50	501		01/20-05/29	OP		Lab		Fri	11:00-2:50	501		01/20-05/29	OP	
<b>ARTS 7D ADV WATERCOLOR PAINTING II 3.0 Units</b>									<b>ARTS 13D ACRYLIC PAINTING:ADVANCED II 3.0 Units</b>								
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.									Advanced projects in acrylic painting with emphasis on demonstrating functional competence and intellectual understanding of advanced personal ideas. 2 hours lecture, 4 hours studio.								
<b>Prerequisite:</b> ARTS 7C (completed with a grade of "C" or higher).									<b>Prerequisite:</b> ARTS 13C or equivalent (completed with a grade of "C" or higher).								
Day	31265	TTh	2:00-2:50	501	SATTERTHWA	01/20-05/29	OP	V01	Day	31273	Fri	9:00-10:50	501	OBLAK	01/20-05/29	OP	V01
Lab		TTh	3:00-4:50	501		01/20-05/29	OP		Lab		Fri	11:00-2:50	501		01/20-05/29	OP	
<b>ARTS 12A OIL/ACRYLIC PAINTING: BEGIN I 3.0 Units</b>									<b>ARTS 23 2-D DESIGN 3.0 Units</b>								
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.									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	31266	Fri	9:00-10:50	501	OBLAK	01/20-05/29	OP	V01	Day	32174	MW	2:00-2:50	501	ALBAIR	01/20-05/29	OP	V01
Lab		Fri	11:00-2:50	501		01/20-05/29	OP		MW		MW	3:00-4:50	501		01/20-05/29	OP	
<b>ARTS 12B OIL/ACRYLIC PAINTING: BEGIN II 3.0 Units</b>									<b>ARTS 24 3-D DESIGN 3.0 Units</b>								
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.									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.								
<b>Prerequisite:</b> ARTS 12A (completed with a grade of "C" or higher).									<b>Prerequisite:</b> ARTS 24 (completed with a grade of "C" or higher).								
Day	31267	Fri	9:00-10:50	501	OBLAK	01/20-05/29	OP	V01	Eve	32041	MW	7:00-7:50	501	OBLAK	01/20-05/29	OP	093
Lab		Fri	11:00-2:50	501		01/20-05/29	OP		MW		MW	8:00-9:50	501		01/20-05/29	OP	
<b>ARTS 12C OIL/ACRYLIC PAINTING:ADV I 3.0 Units</b>									<b>ASTRONOMY</b>								
Advanced projects in oil or acrylic painting with an emphasis on individual creative work and development of personal ideas and style.																	
<b>Prerequisite:</b> ARTS 12B or equivalent (completed with a grade of "C" or higher).																	
Day	31268	Fri	9:00-10:50	501	OBLAK	01/20-05/29	OP	V01									
Lab		Fri	11:00-2:50	501		01/20-05/29	OP										
<b>ARTS 12D OIL/ACRYLIC PAINTING:ADV II 3.0 Units</b>									<b>ASTR 10 THE SOLAR SYSTEM 3.0 Units</b>								
Advanced projects in oil or acrylic painting with emphasis on demonstrating functional competence and an intellectual understanding of advanced personal ideas.									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.								
<b>Prerequisite:</b> ARTS 12C (completed with a grade of "C" or higher).									<b>Prerequisite:</b> ARTS 12C (completed with a grade of "C" or higher).								
Day	31269	Fri	9:00-10:50	501	OBLAK	01/20-05/29	OP	V01	Eve	30223	TTh	5:00-6:15	1872	STAFF	01/20-05/29	OP	093
Lab		Fri	11:00-2:50	501		01/20-05/29	OP		Web	30343	By Arr	3.0 Hrs/Wk	ONLINE	HARPELL	01/20-05/29	OP	DE1
<b>ARTS 13A ACRYLIC PAINTING: BEGIN I 3.0 Units</b>									<i>ASTR 10-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>								
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.																	
<b>Prerequisite:</b> ARTS 2A (completed with a grade of "C" or higher).																	
Day	31270	Fri	9:00-10:50	501	OBLAK	01/20-05/29	OP	V01									
Lab		Fri	11:00-2:50	501		01/20-05/29	OP										
<b>ARTS 13B ACRYLIC PAINTING: BEGIN II 3.0 Units</b>									<b>ASTR 20 STARS AND THE UNIVERSE 3.0 Units</b>								
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.									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.								
<b>Prerequisite:</b> ARTS 13A or equivalent (completed with a grade of "C" or higher).									<b>Prerequisite:</b> ARTS 13A or equivalent (completed with a grade of "C" or higher).								
Day	31271	Fri	9:00-10:50	501	OBLAK	01/20-05/29	OP	V01	Day	31296	MW	1:00-2:15	204	HARPELL	01/20-05/29	OP	V01
Lab		Fri	11:00-2:50	501		01/20-05/29	OP										

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ASTR 30 INTRO TO ASTRONOMY LAB 1.0 Units</b>								
Introduction to laboratory principles and techniques in astronomy. Includes telescope operation and measuring stellar magnitudes, spectral lines, motions of the sun, moon and planets.								
<b>Prerequisite/Corequisite: ASTR 10 or ASTR 20.</b>								
Eve	30138	Lab Th	7:00-9:50	1831	STAFF	01/20-05/29	OP	093

## AUTOMOTIVE TECHNOLOGY

**AUTO 55 AUTOMOTIVE SERVICE 3.5 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	31932	MW	6:00-7:30	817	HAGOPIAN	01/20-05/15	OP	093
		Lab MW	7:40-9:05	809		01/20-05/15	OP	
Sat	30681	Sat	9:00-10:30	817	HAGOPIAN	01/20-05/15	OP	WEI
		Lab Sat	10:40-5:30	809		01/20-05/15	OP	

*AUTO 55-093 and WEI meet from Jan 20-May 15.*

**AUTO 56 AUTOMOTIVE LAB 2.0 Units**  
 Automotive Lab is an open laboratory class for basic and advanced automotive students. This class is for students desiring to expand their hands-on experience using their own vehicle. Instructor will provide technical and supervisory support to guide students in completion of their self initiated projects. Service information via computer service manuals will be available for students to use for vehicle information and research. 6 hours laboratory  
**Prerequisite: AUTO 55 (may be taken concurrently).**

Day	31081	Lab MW	12:30-4:20	809	JOHNSON	01/20-05/29	P/N	V01
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*AUTO 56-V01 meets in room 809 from 12:30-4:20pm on the 2nd and 4th Wednesdays of the month and 12:30-2:20pm on the 1st and 3rd Wednesdays of the month.*

**AUTO 60B AUTO ELECTRICS/ELECTRONICS II 4.0 Units**  
 Continuation of Automotive Technology 60A with emphasis on diagnosis and repair of electrical/electronic components including computer controlled circuits/systems using schematics, diagnostic procedures, and equipment; and repair. 3 hours lecture, 3 hours laboratory.

**Prerequisite: AUTO 60A (completed with a grade of "C" or higher).**

*Students are encouraged to enroll in AUTO 56 (Automotive Lab) concurrently.*

Day	32682	MW	8:00-9:25	817	JOHNSON	01/20-05/15	OP	V01
		Lab MW	9:35-11:00	809		01/20-05/15	OP	

*AUTO 60B-V01 meets from Jan 20-May 15.*

**AUTO 61B AUTO FUEL EMISSIONS II 4.0 Units**  
 Continuation of Automotive Technology 61A with emphasis on emission control, fuel injection and computer control systems, applications, sensors and control circuits, diagnosis and repair of systems and components. Strong 5 gas analysis will be studied. 3 hours lecture, 3 hours laboratory.

**Prerequisite: AUTO 61A (completed with a grade of "C" or higher).**

*Students are encouraged to enroll in AUTO 56 (Automotive Lab) concurrently.*

Day	32681	TTh	8:00-9:25	817	JOHNSON	01/20-05/15	OP	V01
		Lab TTh	9:35-11:00	809		01/20-05/15	OP	

*AUTO 61B-V01 meets from Jan 20-May 15.*

**AUTO 64 ALTERNATIVE FUEL SYSTEMS 4.0 Units**  
 A study in the history, current and future of alternative fuels in the automotive industry. Emphasis in shop safety, hazardous waste handling, high voltage electrical precautions, basic engine construction of hybrids, battery storage systems, fuel storage systems, compressed natural gas, liquid propane gas, bio-diesel and hydrogen cell technology. A term paper will be required for completion of the class. 3 hours lecture, 3 hours laboratory  
**Prerequisite: AUTO 55 (may be taken concurrently).**

*Students are encouraged to enroll in AUTO 56 (Automotive Lab) concurrently.*

Day	32683	TTh	6:00-7:20	817	HAGOPIAN	01/20-05/15	OP	V01
		Lab TTh	7:30-8:50	809		01/20-05/15	OP	

*AUTO 64-V01 meets from Jan 20-May 15.*

**AUTO 65 AUTO BRAKE SAFETY INSPECTION 3.0 Units**  
 Diagnosis, evaluation, inspection, adjustment, and repair of safety equipment, braking and antilock braking systems and related devices. Class will involve California State law regarding brake and safety inspections. Includes the material on the California Brake Adjuster's Licensing Examination. 2 hours lecture, 3 hours laboratory.  
**Prerequisite: AUTO 55 (may be taken concurrently).**

*Students are encouraged to enroll in AUTO 56 (Automotive Lab) concurrently.*

Day	32906	TTh	1:00-2:20	817	JOHNSON	01/20-05/15	OP	V01
		Lab TTh	2:30-3:50	809		01/20-05/15	OP	

## BIOLOGICAL SCIENCES - ANATOMY -

**ANAT I GENERAL 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. 3 hours lecture, 6 hours laboratory.

**Prerequisite: BIOL 31 (completed with a grade of "C" or higher).**  
**Strongly recommended: 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	31094	MW	8:30-9:45	1858	HIGHT	01/20-05/29	GR	V01
		Lab MW	10:00-12:50	1858		01/20-05/29	GR	
Day	30594	TTh	9:00-10:15	1858	HIGHT	01/20-05/29	GR	V02
		Lab TTh	10:45-1:35	1858		01/20-05/29	GR	
Eve	30324	MW	5:15-6:30	1858	STAFF	01/20-05/29	GR	093
		Lab MW	7:00-9:50	1858		01/20-05/29	GR	

## BIOLOGICAL SCIENCES - BIOLOGY -

### BIOL 1 INTRO TO CELL BIOLOGY 5.0 Units

Basic principles of biology with emphasis on the experimental approach to solving modern problems in biology. Includes cell physiology, biochemistry, molecular genetics, DNA and evolution. **Prerequisite:** ZOO 1 or BOTN 1 (completed with a grade of "C" or higher). Strongly recommended: CHEM 1B or concurrent enrollment; PHYS 2A or concurrent enrollment, and eligibility for ENG 1A. 3 hours lecture, 6 hours laboratory.

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

Day	30142	TTh	9:00-10:15	1814	HO	01/20-05/29	GR	V01
Lab		WF	8:15-11:05	1854		01/20-05/29	GR	

### BIOL 5 MARINE BIOLOGY 4.0 Units

Ocean as a habitat, the organisms that inhabit marine waters, their ecology, adaptations and evolution, and the role of the ocean in the ecology of the biosphere.

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

Day	30230	MW	11:00-12:15	1872	STAFF	01/20-05/29	OP	V01
Lab		Wed	2:00-4:50	1810		01/20-05/29	OP	

### BIOL 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 or the biomedical sciences.

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

Day	32155	MW	11:00-12:15	1816	STAFF	01/20-05/29	OP	V01
Lab		Mon	12:30-3:20	1855		01/20-05/29	OP	
Day	32156	MW	11:00-12:15	1816	STAFF	01/20-05/29	OP	V02
Lab		Wed	12:30-3:20	1855		01/20-05/29	OP	
Eve	30296	MW	5:30-6:45	1872	STAFF	01/20-05/29	OP	093
Lab		Mon	7:00-9:50	1851		01/20-05/29	OP	
Eve	30143	MW	5:30-6:45	1872	STAFF	01/20-05/29	OP	094
Lab		Wed	7:00-9:50	1851		01/20-05/29	OP	

### BIOL 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.

Day	31044	TTh	2:30-3:45	1872	STAFF	01/20-05/29	OP	V01
Web	30367	By Arr	3.0 Hrs/Wk	ONLINE	STAFF	01/20-05/29	OP	DEI

**BIOL 20-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>.**

### BIOL 31 INTRO TO COLLEGE BIOLOGY 4.0 Units

Basic principles of biology. Includes origin of life, cell structure and function, cell division, reproduction, genetics, taxonomy, evolution, and cell metabolism. Laboratory emphasis on developing various laboratory skills, using the metric system, collecting data, graphing, interpreting data, utilizing statistics and preparing for and taking laboratory practicals. Designed to prepare the necessary concepts and laboratory skills and experience that are needed to succeed in more advanced courses in biology. Strongly recommended: MATH 65 or MATH 65B or MATH 65Y and eligibility for ENG 1A. 3 hours lecture, 3 hours laboratory.

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

Day	31046	TTh	9:00-10:15	1872	STAFF	01/20-05/29	GR	V01
Lab		Fri	8:30-11:20	1851		01/20-05/29	GR	
Day	31047	TTh	9:00-10:15	1872	STAFF	01/20-05/29	GR	V02
Lab		Fri	12:00-2:50	1851		01/20-05/29	GR	
Day	30446	MW	12:30-1:45	1816	STAFF	01/20-05/29	GR	V03
Lab		Mon	8:30-11:20	1851		01/20-05/29	GR	
Day	30634	MW	12:30-1:45	1816	STAFF	01/20-05/29	GR	V04
Lab		Wed	8:30-11:20	1851		01/20-05/29	GR	
Day	30144	MW	1:00-2:15	1871	STAFF	01/20-05/29	GR	V05
Lab		Mon	3:00-5:50	1851		01/20-05/29	GR	
Day	30595	MW	1:00-2:15	1871	STAFF	01/20-05/29	GR	V06
Lab		Wed	3:00-5:50	1851		01/20-05/29	GR	
Day	30811	MW	9:30-10:45	1816	STAFF	01/20-05/29	GR	V07
Lab		Mon	11:45-2:35	1851		01/20-05/29	GR	
Day	30812	MW	9:30-10:45	1816	STAFF	01/20-05/29	GR	V08
Lab		Wed	11:45-2:35	1851		01/20-05/29	GR	
Day	31521	TTh	1:00-2:15	1816	STAFF	01/20-05/29	GR	V09
Lab		Tue	2:45-5:35	1851		01/20-05/29	GR	
Day	31522	TTh	1:00-2:15	1816	STAFF	01/20-05/29	GR	V10
Lab		Th	2:45-5:35	1851		01/20-05/29	GR	
Eve	30515	TTh	5:00-6:15	1816	STAFF	01/20-05/29	GR	093
Lab		Tue	7:00-9:50	1851		01/20-05/29	GR	
Eve	30297	TTh	5:00-6:15	1816	STAFF	01/20-05/29	GR	094
Lab		Th	7:00-9:50	1851		01/20-05/29	GR	

### BIOL 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.

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

Day	30315	MW	11:30-12:45	1814	CARBONE	01/20-05/29	GR	V01
Lab		Mon	1:30-4:20	1858		01/20-05/29	GR	
Day	31523	TTh	3:00-4:15	1874	CARBONE	01/20-05/29	GR	V02
Lab		Fri	10:30-1:20	1858		01/20-05/29	GR	



## BIOLOGICAL SCIENCES - BOTANY -

### **BOTN I 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. Prerequisite: Math 55 or 55B or 55Y or an appropriate skill level demonstrated through the mathematics assessment process. Strongly recommended: Biology 31.

*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	31524	MW	11:30-12:45	1859	SHULDMAN	01/20-05/29	GR	V01
	Lab	TTh	10:30-1:20	1855		01/20-05/29	GR	
Day	32601	MW	1:15-2:30	1854	SHULDMAN	01/20-05/29	GR	V02
	Lab	TTh	2:30-5:20	1855		01/20-05/29	GR	

## BIOLOGICAL SCIENCES - PHYSIOLOGY -

### **PHSI I HUMAN PHYSIOLOGY 5.0 Units**

Cellular and systemic body functions. Emphasis placed on physiological and electro-chemical and clinical methods, collection and analysis of data, extrapolations and conclusions. Working models, including human responses, computer simulations are studied. Prerequisite: CHEM 30A and ANAT 1 (both completed with a grade of "C" or higher). Strongly recommended: CHEM 30B and eligibility for ENG 1A or ENG 52A. 3 hours lecture, 6 hours laboratory.

*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	30316	TTh	9:30-10:45	1873	CARBONE	01/20-05/29	GR	V01
	Lab	TTh	11:15-2:05	1810		01/20-05/29	GR	
Day	30596	MW	9:00-10:15	1814	ZINGG	01/20-05/29	GR	V02
	Lab	MW	10:30-1:20	1810		01/20-05/29	GR	

## BIOLOGICAL SCIENCES - ECOLOGY -

### **ECOL 10 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.

Day	30149	MW	10:00-11:15	1871	STAFF	01/20-05/29	OP	V01
Web	32157	By Arr	3.0 Hrs/Wk		ONLINE STAFF	01/20-05/29	OP	DEI

*ECOL 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>.*

## BIOLOGICAL SCIENCES - ZOOLOGY -

### **ZOOL I GENERAL ZOOLOGY 5.0 Units**

Major groups of organisms from Protista and Animalia kingdoms with emphasis on the evolution of form and function and their relationship to behavior and ecology. Laboratory dissection and observation of anatomy with correlative studies in animal behavior in the laboratory and field. Designed for majors in biology, zoology, wildlife management and related fields. Prerequisite: MATH 55 or 55B or 55Y or an appropriate skill level demonstrated through the mathematics assessment process. Strongly recommended: BIOL 31.

*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	30229	MW	11:30-12:45	1874	HO	01/20-05/29	GR	V01
	Lab	TTh	10:30-1:20	1851		01/20-05/29	GR	

## BIOLOGICAL SCIENCES - MICROBIOLOGY -

### **MICR I MICROBIOLOGY 5.0 Units**

Bacteria, fungi, protozoa, and viruses with an emphasis on their relationship to humans and disease. Cultivation, control, metabolism, body's defense against disease, molecular genetics, laboratory tests, and contemporary infectious diseases. Methods used in the laboratory includes staining, investigation, cultivation, identification of unknowns, and sensitivity testing. Prerequisite: BIOL 31 and CHEM 30A or CHEM 1A (all completed with a grade of "C" or higher). Strongly recommended: ANAT 1, 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	30590	TTh	11:30-12:45	1814	STAFF	01/20-05/29	GR	V01
	Lab	TTh	8:00-10:50	1854		01/20-05/29	GR	
Day	31048	TTh	9:30-10:45	1816	ZINGG	01/20-05/29	GR	V02
	Lab	TTh	11:15-2:05	1854		01/20-05/29	GR	

## BUSINESS

### **BUSN IA 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).

Day	30456	TTh	9:30-11:20	1874	CHOPRA	01/20-05/29	OP	V01
	Lab	Tue	11:30-12:20	1874		01/20-05/29	OP	
Day	31045	TTh	2:00-3:50	2480	CHOPRA	01/20-05/29	OP	V02
	Lab	Tue	4:00-4:50	2480		01/20-05/29	OP	
Eve	30688	MW	7:00-8:50	2490	STAFF	01/20-05/29	OP	093
	Lab	Mon	9:00-9:50	2490		01/20-05/29	OP	
Eve	31935	TTh	7:00-8:50	tba	AMANCHERLA	01/20-05/29	OP	094
	Lab	Tue	9:00-9:50	tba		01/20-05/29	OP	

(BUSN IA CONTINUES)

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Web	32511	By Arr	4.0 Hrs/Wk	ONLINE	CHOPRA	01/20-05/29	OP	DEI
Lab		By Arr	1.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*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).

Day	30881	MW	12:30-2:20	2204	CHOPRA	01/20-05/29	OP	V01
Lab		Mon	2:30-3:20	2204		01/20-05/29	OP	
Eve	30457	Mon	7:00-8:50	2480	GROOMS	01/20-05/29	OP	093
		Wed	7:00-8:50	2450		01/20-05/29	OP	
Lab		Wed	9:00-9:50	2450		01/20-05/29	OP	

**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	30869	TTh	11:00-12:15	2480	WEAVER	01/20-05/29	OP	V01
		By Arr	1.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*BUSN 18-V01 is a hybrid course. Students will meet on campus Tuesdays and Thursdays, from 11-12:15pm, in Room 2206. They 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>.*

Eve	31936	Mon	6:00-8:50	2206	WEAVER	01/20-05/29	OP	093
		By Arr	1.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*BUSN 18-093 is a hybrid course. Students will meet on campus Monday from 6:00-8:05pm in Room 2206. They are required to complete the remaining one hour of the course online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

Web	30689	By Arr	4.0 Hrs/Wk	ONLINE	WEAVER	01/20-05/29	OP	DEI
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*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 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	30887	TTh	9:30-10:45	2480	WEAVER	01/20-05/29	OP	V01
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*Internet access required for BUSN 30-V01.*

**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	30460	MW	11:00-12:15	2420	GROOMS	01/20-05/29	OP	V01
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*Internet access is required for BUSN 40-V01.*

Day	30459	TTh	8:00-9:15	2480	STAFF	01/20-05/29	OP	V02
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Day	31937	TTh	11:00-12:15	802	GROOMS	01/20-05/29	OP	V03
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Eve	30604	Tue	6:00-8:50	202	LEDERER	01/20-05/29	OP	093
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Web	30458	By Arr	3.0 Hrs/Wk	ONLINE	WEAVER	01/20-05/29	OP	DEI
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*BUSN 40-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	32744	By Arr	3.0 Hrs/Wk	ONLINE	DENYER	01/20-05/29	OP	DE2
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*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	32745	By Arr	3.0 Hrs/Wk	ONLINE	CHURCHILL	03/23-05/21	OP	DE3
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*BUSN 40-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>.*

**BUSN 43 PROFESSIONAL COMMUNICATIONS 4.0 Units**

This course is designed to help students develop and refine the written and oral communication skills necessary to communicate effectively in a business environment. This will be accomplished through the planning, composing, and evaluating of written communication; report writing; and oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and professionalism. Students who have completed or are enrolled in CIS 43, CNT 43, CS 43, ENG 43, or SPCH 43 may not receive credit. Strongly recommended: ENG 1A. 4 hours lecture.

Web	32748	By Arr	4.0 Hrs/Wk	ONLINE	AUSTIN	01/20-05/29	OP	DE1
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*BUSN 43-DE1 is a hybrid course. All class meetings will be online, EXCEPT on the following dates when students will meet on campus from 10am-12:50pm in Room 2460: January 25, March 15, and either May 3 or May 10. 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.

Eve	31042	Th	6:00-9:00	202	STEIN	01/20-05/29	OP	093
		By Arr	1.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*BUSN 48-093 is a hybrid course. Students will meet on campus: Jan. 22, Feb 19, Mar 19, Apr 16 and May 21 in room 202 from 6:00-9:00pm. 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>.*

**BUSN 51A GENERAL ACCOUNTING I 3.0 Units**

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

*Internet access is required for this course.*

Eve	32037	Wed	6:30-9:20	1641	YAP	01/20-05/29	OP	093
Lab		Wed	9:30-10:20	1641		01/20-05/29	OP	

**BUSN 53 BUSINESS CORRESPONDENCE 3.0 Units**

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

Web	32164	Th	6:00-8:50	202	DENYER	01/20-05/29	OP	DEI
Lab		Th	9:00-10:00	202		01/20-05/29	OP	
By Arr			3.5 Hrs/Wk	ONLINE		01/20-05/29	OP	

*BUSN 53-DEI is a hybrid course. Students will meet on campus Jan 22, Mar 19, and May 21 in room 202 from 6:00-8:50pm and 9:00-10:00pm. 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>.*

**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	30601	Tue	5:30-7:20	2450	CHOPRA	01/20-05/29	OP	093
By Arr			1.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*BUSN 55-093 is a hybrid course. Students will meet on campus Tuesdays from 5:30-6:50 pm in Room 2450. They 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>.*

**BUSN 56 INTRODUCTION TO MANAGEMENT 3.0 Units**

Principles, concepts and theories of the functions and responsibilities of management; focus on the planning, organizing, coordinating aspects within an organization; Focus on the current trends and developments in management; including social responsibility and ethics in business, decision making, communications and budgetary control. 3 hours.

Web	31039	By Arr	3.0 Hrs/Wk	ONLINE	GROOMS	01/20-05/29	OP	DEI
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*BUSN 56-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 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. Strongly recommended: BUSN 51 or BUSN 1A. 3 hours lecture.

Web	31080	By Arr	3.0 Hrs/Wk	ONLINE	JUREVICH	01/20-05/29	OP	DEI
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*BUSN 58-093 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 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	31079	By Arr	5.0 Hrs/Wk	ONLINE	DORSETT	01/20-05/29	OP	DEI
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*BUSN 61-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 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	32513	Wed	7:00-9:50	2206	ARTERBURN	01/20-05/29	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	31530	By Arr	6.0 Hrs/Wk	ONLINE	HARTMANN	01/20-05/29	OP	DEI
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*BUSN 74-DEI is an online course. For more information, go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2013 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: BUSN 56.

Web	31078	By Arr	3.0 Hrs/Wk	ONLINE	JUREVICH	01/20-05/29	OP	DEI
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*BUSN 88-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 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. Corequisite: BUSN 96. 5-15 hours of employment per week.

*BUSN 95 and BUSN 96 must be taken together. These courses have an online component which begins the first week of the semester; there are five required on-campus meetings.*

Day	30465	By Arr	16.8 Hrs/Wk	tba	GRAVINO	02/03-05/29	GR	LSI
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*BUSN 95-LSI is a Late Start course that meets from Feb 3-May 29.*

**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.

*BUSN 95 and BUSN 96 must be taken together. These courses have an online component which begins the first week of the semester; there are five required on-campus meetings.*

Web	30627	By Arr	1.0 Hrs/Wk	ONLINE	GRAVINO	02/02-05/29	GR	DEI
		Mon	6:00-6:50	805		02/02, 03/02, 04/06, 05/04 and 05/25 only		

*BUSN 96-DEI is a hybrid course. All class meetings will be online EXCEPT on the following dates when students will meet on campus from 6:00-6:50pm in Room 805: February 2, March 2, April 6, May 4 and May 25. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*



## CHEMISTRY

### CHEM IA GENERAL COLLEGE CHEMISTRY I 5.0 Units

Introduction to atomic structure, bonding, stoichiometry, thermochemistry, gases, matter and energy, oxidation-reduction, chemical equations, liquids and solids, solutions, chemical energetics and equilibrium. Laboratory includes both quantitative and qualitative experiments. Prerequisites: MATH 55 or 55B or 55Y and CHEM 31 (all courses completed with a grade of "C" or higher). The CHEM 31 prerequisite can be fulfilled by demonstrating the appropriate skill level in the Chemistry Placement Process.

Day	30145	TTh	8:00-9:15	1816	KING-IRWIN	01/20-05/29	GR	V01
	Lab	MW	8:00-10:50	1802		01/20-05/29	GR	
Day	30677	TTh	2:30-3:45	1816	STAFF	01/20-05/29	GR	V02
	Lab	MW	1:30-4:20	1802		01/20-05/29	GR	

### CHEM IB GENERAL COLLEGE CHEMISTRY II 5.0 Units

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

Day	32805	MW	8:00-9:15	1872	ANSELL	01/20-05/29	GR	V01
	Lab	TTh	8:00-10:50	1802		01/20-05/29	GR	
Day	30146	MW	1:05-2:20	1873	GROW	01/20-05/29	GR	V02
	Lab	TTh	1:30-4:20	1802		01/20-05/29	GR	
Eve	30147	MW	6:00-7:15	1874	STAFF	01/20-05/29	GR	093
	Lab	TTh	6:00-8:50	1802		01/20-05/29	GR	

### CHEM 12B ORGANIC CHEMISTRY II 5.0 Units

Continuation of Chemistry 12A with an introduction to the chemistry of aromatics, amines, carbanions, carboxylic acids, carboxylic acid derivatives, aldehydes, ketones and biochemical topics focusing on structure, synthesis, and mechanisms of reaction. Laboratory work in basic techniques, synthetic methods, and qualitative spectroscopic and chromatographic analysis techniques. Designed for students whose interests require a full year in-depth study of organic chemistry. Prerequisite: Chemistry 12A (completed with a grade of "C" or higher).

Day	30304	MW	1:05-2:20	1874	ANSELL	01/20-05/29	GR	V01
	Lab	TTh	1:30-4:20	1805		01/20-05/29	GR	
Eve	31952	MW	5:00-6:15	1859	GROW	01/20-05/29	GR	093
	Lab	TTh	6:00-8:50	1805		01/20-05/29	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 for certain majors in allied health and technological fields and for general education. Prerequisite: Mathematics 65 or 65B or 65L (completed with a grade of "C" or higher).

Day	30679	MW	8:00-9:15	1816	STAFF	01/20-05/29	GR	V01
	Lab	Th	8:00-10:50	1807		01/20-05/29	GR	
Day	30618	MW	8:00-9:15	1816	STAFF	01/20-05/29	GR	V02
	Lab	Fri	8:30-11:20	1807		01/20-05/29	GR	
Eve	30148	TTh	6:30-7:45	1807	STAFF	01/20-05/29	GR	093
	Lab	TTh	8:00-9:15	1807		01/20-05/29	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. Designed for certain majors in the allied health sciences and technological fields. Prerequisite: Chemistry 30A (completed with a grade of "C" or higher).

Day	31519	TTh	8:00-9:15	1871	ANSELL	01/20-05/29	GR	V01
	Lab	Fri	8:30-11:20	1805		01/20-05/29	GR	
Eve	31953	MW	6:30-7:45	1805	SCHMIDT	01/20-05/29	GR	093
	Lab	MW	8:00-9:15	1805		01/20-05/29	GR	

### 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: Mathematics 55 or 55B (completed with a grade of "C" or higher).

Day	30357	MW	12:30-1:45	1872	SYMMANK	01/20-05/29	OP	V01
	Lab	Tue	12:30-3:20	1807		01/20-05/29	OP	
Day	30510	MW	12:30-1:45	1872	SYMMANK	01/20-05/29	OP	V02
	Lab	Wed	2:00-4:50	1807		01/20-05/29	OP	
Eve	32158	MW	6:30-7:45	1807	STAFF	01/20-05/29	OP	093
	Lab	MW	8:00-9:15	1807		01/20-05/29	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.

Day	30857	By Arr	1.8 Hrs/Wk	803	VARDANEGA	02/04-05/29	OP	LS1
	Lab	By Arr	1.8 Hrs/Wk	803		02/04-05/29	OP	

*Students MUST attend an orientation session on Wednesday, Feb 4 at 11:30am or Wednesday, Feb 4 at 1:30pm in Room 803.*

Eve	30884	Tue	7:00-8:30	803	DORR	02/03-05/29	OP	LS2
	Lab	Th	7:00-8:30	803		02/03-05/29	OP	

*CIS 8-LS2 is a Late start course that meets from Feb 3-May 29.*

### CIS 43 PROFESSIONAL COMMUNICATIONS 4.0 Units

This course is designed to help students develop and refine the written and oral communication skills necessary to communicate effectively in a business environment. This will be accomplished through the planning, composing, and evaluating of written communication; report writing; and oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and professionalism. Students who have completed or are enrolled in Business 43, Computer Networking Technology 43, Computer Science 43, English 43, or Speech 43 may not receive credit. Strongly recommended: Eligibility for English 1A.

**Web 30663** By Arr 4.0 Hrs/Wk ONLINE AUSTIN 01/20-05/29 OP DE1  
*CIS 43-DE1 is a hybrid course. All class meetings will be online, EXCEPT on the following dates when students will meet on campus from 10am-12:50pm in Room 2450: January 24, March 14, and either May 2 or May 9. 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 overview of computers and information technology. Topics include: basic computer concepts and terminology, hardware, software, data and procedures, data communications, Internet, computer programming concepts, the system development process and new emerging technologies. Students will interactively solve applied problems utilizing software productivity tools such as: word processors, spreadsheets, databases, Email, WWW, and programming languages such as Visual Basic or HTML. Introduce the analytical, written and oral communication skills necessary to communicate effectively in a business computing environment.

Day	30030	MW	8:00-9:15	2490	KANG	01/20-05/29	OP	V01
		By Arr	1.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*CIS 50-V01 is a hybrid course. Students will meet on campus Mondays and Wednesdays from 8:00-9:15am in Room 2490. They 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>.*

Day	30031	TTh	9:30-10:45	2490	FIELDS	01/20-05/29	OP	V02
		Lab By Arr	1.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*CIS 50-V02 is a hybrid course. Students will meet on campus Tuesdays and Thursdays from 9:30-10:45am in Room 2490. They 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>.*

Eve	30032	Wed	7:00-9:50	2480	MANGUIAT	01/20-05/29	OP	093
		Lab By Arr	1.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*CIS 50-093 is a hybrid course. Students will meet on campus Wednesdays from 7:00-9:50pm in Room 2480. They 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>.*

Web	30342	By Arr	4.0 Hrs/Wk	ONLINE	FIELDS	01/20-05/29	OP	DE1
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*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 software.*

Web	30224	By Arr	4.8 Hrs/Wk	ONLINE	FIELDS	01/20-05/29	OP	DE2
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*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 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: Computer Information Systems 50.

Eve	30560	Wed	6:30-9:20	805	HART	01/20-05/29	OP	093
		By Arr	3.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*CIS 54-093 is a hybrid course. Students will meet on campus Wednesdays from 6:30-9:20 pm in Room 805. They 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>. Students must have access to Microsoft Office Excel 2013.*

Web	31173	By Arr	6.0 Hrs/Wk	ONLINE	DONAT	01/20-05/29	OP	DE1
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*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 Excel 2013.*

Web	31529	By Arr	6.0 Hrs/Wk	ONLINE	HARTMANN	01/20-05/29	OP	DE2
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*CIS 54-DE2 is an online course. For more information, see section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office Excel 2013.*

**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: Computer Information Systems 50.

Web	30463	By Arr	6.0 Hrs/Wk	ONLINE	FIELDS	01/20-05/29	OP	DE1
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*CIS 55-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.*

**CIS 55B ADVANCED MS OFFICE SKILLS 3.0 Units**

Provides students with an opportunity for advanced study using the MS Office software suite. Portions of the course will be devoted to an overview of advanced topics in Word, Excel, PowerPoint and Access. Extends the fundamental knowledge of MS Office to incorporate and emphasize the integration capabilities among the individual applications. This class offers a case-based, problem solving approach to learning the essentials of how to use the components of the Office suite together to build a portfolio of documents for a company that demonstrate your ability to use and integrate Word, Excel, PowerPoint and Access. This may include business cards, letterhead, brochures, spreadsheets, databases, invoices, presentation reports, web pages and more. Strongly recommended: Computer Information Systems 55.

Web	31605	By Arr	5.0 Hrs/Wk	ONLINE	FIELDS	01/20-05/29	OP	DE1
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*CIS 55B-DE1 is an online course with no on-campus meetings. For more information, go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access to Microsoft Office 2010 software.*

**CIS 57 ACCESS: INTRO TO DATABASES 4.0 Units**

Introduction to Database Management Systems, a computer program that is used to organize, store, and retrieve information. Understanding of data, file and database concepts using Microsoft Access for Windows with emphasis on business application. Identify and evaluate client needs/requirements and translate those needs into a working database application model. Integrate Access data with other Microsoft applications such as Word and Excel. Strongly recommended: Computer Information Systems 50 and 55.

Eve	30865	Mon	6:30-9:20	2412	DONAT	01/20-05/29	OP	093
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*CIS 57-093 is a hybrid course. Students will meet on campus Mondays from 6:30-9:20pm in Room 804. 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>. Students must have access to Microsoft Access 2013.*

**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

Day	30531	Tue	12:30-2:20	804	DAOUD	01/20-05/29	OP	V01
		Lab Tue	2:30-3:20	804		01/20-05/29	OP	



**CIS 66 NETWORKING FUNDAMENTALS 3.0 Units**

This course is a foundation course that explains and describes how computer networks are designed, installed, and administrated. Introduction to communications concepts, data communications, networking, and internetworking. Review of major network components: hardware, software, protocols (TCP/IP, IPX/SPX, NETBEUI), topologies, and cabling. Overview of LAN administration, setup, and installation. Preparation for the Network+ certification exam. Students may receive credit for either CIS 66 or CNT 52. Strongly recommended: Computer Information Systems 50.

Eve	30208	Wed	6:30-9:20	1826	DAOUD	01/20-05/29	OP	093
Lab		Wed	9:30-10:20	804		01/20-05/29	OP	

**CIS 71 COMPUTER TYPING 1.0 Units**

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

Day	32884	Lab MW	1:30-3:00	803B	VARDANEGA	02/04-05/29	OP	LSI
<i>CIS 71-LSI is a Late Start course that meets from Feb 4-May 29.</i>								

**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	30276	Lab By Arr	3.3 Hrs/Wk	ONLINE	AUSTIN	02/03-05/29	OP	DEI
<i>CIS 71A-DEI is an online course that meets from Feb 3-May 29. 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>								

**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	30277	Lab By Arr	3.3 Hrs/Wk	ONLINE	AUSTIN	02/03-05/29	OP	DEI
<i>CIS 71B-DEI is a Late Start online course that meets from Feb 3-May 29. 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>								

**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: Computer Information Systems 71B.

Web	30278	Lab By Arr	3.3 Hrs/Wk	ONLINE	AUSTIN	02/03-05/29	OP	DEI
<i>CIS 71C-DEI is a Late Start online course that meets from Feb 3-May 29. 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>								

**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 class. 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 COMPUTER TYPING 1.0 Units**

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

Day	30205	Lab By Arr	6.0 Hrs/Wk	803B	VARDANEGA	01/21-03/20	OP	FT1
<i>CIS 71-FT1 is a Fast Track course that meets from Jan 21-Mar 20.</i>								

Day	30206	Lab By Arr	6.7 Hrs/Wk	803B	VARDANEGA	03/23-05/21	OP	FT2
<i>CIS 71-FT2 is a Fast Track course that meets from Mar 23-May 21.</i>								

**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	30209	Lab By Arr	3.6 Hrs/Wk	803B	VARDANEGA	02/04-05/29	OP	LSI
<i>CIS 72A-LSI is a Late Start class that meets from Feb 4-May 29.</i>								

**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: Computer Information Systems 50 and Computer Information Systems 88A.

Day	30210	Lab By Arr	3.4 Hrs/Wk	803B	VARDANEGA	02/04-05/29	OP	LSI
<i>CIS 72B-LSI is a Late Start class that meets from Feb 4-May 29.</i>								

**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	30287	Lab By Arr	6.0 Hrs/Wk	803B	VARDANEGA	01/21-03/20	OP	FT1
<i>CIS 73A-FT1 is a Fast Track course that meets from Jan 21-Mar 20.</i>								

Day	30275	Lab By Arr	6.7 Hrs/Wk	803B	VARDANEGA	03/23-05/21	OP	FT2
<i>CIS 71-FT2 is a Fast Track course that meets from Mar 23-May 21.</i>								

**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 English 1A and Computer Typing at 30 gwam.

Day	30368	By Arr	1.1 Hrs/Wk	803B	VARDANEGA	03/23-05/21	OP	FT2
Lab		By Arr	3.3 Hrs/Wk	803B		03/23-05/21	OP	

*CIS 75-FT2 is a Fast Track course that meets from Mar 23-May 21.*

The following NIGHT 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 class. 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 COMPUTER TYPING 1.0 Units**  
 Individualized instruction in computer typing. Instruction in basic to advance skills development.

Eve 30207 Lab By Arr 3.6 Hrs/Wk 803B VARDANEGA 02/04-05/29 OP LS2  
 CIS 71A-LS2 is a Late Start class that meets from Feb 4-May 29.

**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 32905 Lab By Arr 3.5 Hrs/Wk ONLINE VARDANEGA 02/04-05/29 OP LS2  
 CIS 72A-LS2 is a Late Start class that meets from Feb 4-May 29.

**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: Computer Information Systems 50 and Computer Information Systems 88A.

Eve 30867 Lab By Arr 3.5 Hrs/Wk 803B VARDANEGA 02/04-05/29 OP LS2  
 CIS 72B-LS2 is a Late Start class that meets from Feb 4-May 29.

**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 30274 Lab By Arr 3.4 Hrs/Wk 803B VARDANEGA 02/04-05/29 OP LSI  
 CIS 73A-LS1 is a Late Start class that meets from Feb 4-May 29.

**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 English 1A and Computer Typing at 30 gwam.

Eve 30369 By Arr 1.0 Hrs/Wk 803B VARDANEGA 02/04-05/29 OP LS2  
 Lab By Arr 1.8 Hrs/Wk 803B 02/04-05/29 OP  
 CIS 75-LS1 is a Late Start class that meets from Feb 4-May 29.

**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 31179 By Arr 6.0 Hrs/Wk ONLINE HARTMANN 01/20-05/29 GR DE1  
 CIS 79-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.

**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 31064 Tue 12:30-1:20 803B DORR 03/23-05/21 OP FT2  
 Lab Tue 1:25-2:15 803B 03/23-05/21 OP  
 Lab Th 12:30-2:05 803B 03/23-05/21 OP  
 CIS 84-FT2 is a Fast Track course that meets from Mar 23-May 21.

**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: Computer Information Systems 71A.

Day 30370 TTh 12:30-1:20 803B DORR 01/20-03/20 OP FT1  
 Lab TTh 1:30-2:45 803B 01/20-03/20 OP  
 CIS 88A-FT1 is a Fast Track course that meets from Jan 20-Mar 20.

Eve 30317 TTh 6:30-7:20 803B DORR 01/20-03/20 OP FT3  
 Lab TTh 7:30-8:45 803B 01/20-03/20 OP  
 CIS 88A-FT3 is a Fast Track course that meets from Jan 20-Mar 20.

Web 30684 By Arr 5.0 Hrs/Wk ONLINE DORR 01/20-03/20 OP DE1  
 CIS 88A-DE1 is a Fast Track online course that meets from Jan 20-Mar 20. 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: Computer Information Systems 88A.

Day 30318 TTh 12:30-1:25 803B DORR 03/23-05/21 OP FT2  
 Lab TTh 1:35-2:55 803B 03/23-05/21 OP  
 CIS 88B-FT2 is a Fast Track course that meets from Mar 23-May 21.

Eve 30371 TTh 6:30-7:25 803B DORR 03/23-05/21 OP FT4  
 Lab TTh 7:35-8:55 803B 03/23-05/21 OP  
 CIS 88B-FT4 is a Fast Track course that meets from Mar 23-May 21.

Web 30685 By Arr 5.6 Hrs/Wk ONLINE DORR 03/23-05/21 OP DE1  
 CIS 88B-DE1 is a Fast Track online course that meets from Mar 23-May 21. 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.

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 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	30407	Tue	12:30-1:20	803B	DORR	01/20-03/20	OP	FT1
		Lab Tue	1:25-2:15	803B		01/20-03/20	OP	
		Lab Th	12:30-2:00	803B		01/20-03/20	OP	

*CIS 89A-FT1 is a Fast Track course that meets from Jan 20-Mar 20.*

Day	30408	Tue	12:30-1:20	803B	DORR	03/23-05/21	OP	FT2
		Lab Tue	1:25-2:15	803B		03/23-05/21	OP	
		Lab Th	12:30-2:00	803B		03/23-05/21	OP	

*CIS 89A-FT2 is a Fast Track course that meets from Mar 23-May 21.*

Eve	30402	Tue	7:00-7:50	803B	DORR	01/20-03/20	OP	FT3
		Lab Tue	8:00-8:50	803B		01/20-03/20	OP	
		Lab Th	7:00-8:30	803B		01/20-03/20	OP	

*CIS 89A-FT3 is a Fast Track course that meets from Jan 20-Mar 20.*

Eve	30390	Tue	7:00-7:50	803B	DORR	03/23-05/21	OP	FT4
		Lab Tue	8:00-8:50	803B		03/23-05/21	OP	
		Lab Th	7:00-8:30	803B		03/23-05/21	OP	

*CIS 89A-FT4 is a Fast Track course that meets from Mar 23-May 21.*

**Web 30686 By Arr 3.0 Hrs/Wk ONLINE HARTMANN 03/23-05/21 OP DEI**

*CIS 89A-DEI is a Fast Track online course that meets from Mar 23-May 21. 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	30403	TTh	12:30-1:25	803B	DORR	03/23-05/21	OP	FT2
		Lab TTh	1:35-2:55	803B		03/23-05/21	OP	

*CIS 89B-FT2 is a Fast Track course that meets from Mar 23-May 21.*

Eve	30409	TTh	6:30-7:25	803B	DORR	03/23-05/21	OP	FT4
		Lab TTh	7:35-8:55	803B		03/23-05/21	OP	

*CIS 89A-FT4 is a Fast Track course that meets from Mar 23-May 21.*

**ORACLE ACADEMY**

**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: Computer Information System 57.

**Web 32651 By Arr 3.0 Hrs/Wk ONLINE FIELDS 01/20-05/29 OP DEI**

*CIS 9002-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 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: Computer Information System 9002.

**Web 32220 By Arr 4.2 Hrs/Wk ONLINE FIELDS 01/20-05/29 OP DEI**

*CIS 9003-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>.*

**CERTIFIED INTERNET WEBMASTER**

*CIS 9101, 9102, and 9103 are part of the series of Certified Internet Webmaster (CIW) courses. The CIW certification program validates job-role skill competency of entry level job seekers and seasoned professional alike. For detailed information, go to [www.ciwcertified.com](http://www.ciwcertified.com). Strongly recommended Computer Information Systems 50.*

**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 31416 By Arr 5.0 Hrs/Wk ONLINE VANI 01/20-03/20 OP DEI**

*CIS 9101-DEI is a Fast Track online course that meets from Jan 20-Mar 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**Web 31417 By Arr 5.6 Hrs/Wk ONLINE VANI 03/23-05/21 OP DE2**

*CIS 9101-DE2 is a Fast Track online course that meets from Mar 23-May 21. 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 31418 By Arr 5.0 Hrs/Wk ONLINE VANI 01/20-03/20 OP DEI**  
**CIS 9102-DE1 is a Fast Track online course that meets from Jan 20-Mar 20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**Web 31419 By Arr 5.6 Hrs/Wk ONLINE VANI 03/23-05/21 OP DE2**  
**CIS 9102-DE2 is a Fast Track online course that meets from Mar 23-May 21. 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 31420 By Arr 2.0 Hrs/Wk ONLINE VANI 01/20-05/29 OP DEI**  
**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>.**

## WEB DEVELOPMENT COURSES

**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: Computer Information Systems 50.

Eve	30728	Mon	7:00-9:50	805	KANG	01/20-03/20	OP	FTI
						By Arr 3.6 Hrs/Wk	ONLINE/HYBRID	01/20-03/20 OP

**CIS 59A-FTI is a Fast Track hybrid course that meets from Jan 20-Mar 20. Students will meet on campus on Mondays from 7-9:50 pm in Room 805. They 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>.**

**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: Computer Information Systems 59A.

Eve	30734	Mon	7:00-9:50	805	KANG	03/23-05/21	OP	FT2
						By Arr 4.7 Hrs/Wk	ONLINE	03/23-05/21 OP

**CIS 59B-FT2 is a Fast Track hybrid course that meets from Mar 20-May 21. Students will meet on campus on Mondays from 7-9:50pm in Room 805. They 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>.**

**CIS 59C WEB PROG-JAVASCRIPT /AJAX 4.0 Units**  
 Develop client-side, interactive webpages using JavaScript and asynchronous JavaScript and XML (AJAX) scripting languages. Write JavaScript scripts that manipulate with the JavaScript Document Object Model (DOM), control program flow, validate forms, animate images, target frames, and create cookies. Implement AJAX techniques that uses JavaScript-based objects to retrieve responses from a web server in a dynamic way, allowing for instant, on page updating, a key element in Web 2.0. Strongly Recommended: Computer Information Systems 50.

Web	31531	Tue	6:30-9:20	804	VANI	01/20-05/29	OP	DEI
						By Arr 3.0 Hrs/Wk	ONLINE	01/20-05/29 OP

**CIS 59C is a hybrid course. Students will meet on campus on Tuesdays from 6:30-9:20 pm in Room 804. They 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>.**

## COMPUTER NETWORKING TECHNOLOGY

**CNT 43 PROFESSIONAL COMMUNICATIONS 4.0 Units**  
 This course is designed to help students develop and refine the written and oral communication skills necessary to communicate effectively in a business environment. This will be accomplished through the planning, composing, and evaluating of written communication; report writing; and oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and professionalism. Students who have completed or are enrolled in Computer Information Systems 43, Computer Science 43, English 43, or Speech 43 may not receive credit. Strongly recommended: Eligibility for English 1A.

**Web 30662 By Arr 4.0 Hrs/Wk ONLINE AUSTIN 01/20-05/29 OP DEI**  
**CNT 43-DE1 is a hybrid course. All class meetings will be online, EXCEPT on the following dates when students are required to meet on campus from 10:00am-12:50pm in Room 2450: January 24, March 14 and either May 2 or May 9. 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 Networking Technology 50 may not receive credit. Strongly Recommended: CIS 50

Day	30532	Tue	12:30-2:20	804	DAOUD	01/20-05/29	OP	V01
		Lab	Tue	2:30-3:20	804		OP	01/20-05/29 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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**CNT 51A COMPTIAS A+ ESSENTIALS CERT. 2.0 Units**

This is an extensive course designed to take students from the just-a-user level to the I-can-fix-it level for most common PC hardware issues. This class covers the objectives for the CompTIA A+ Essentials exam number 200-701: Hardware; Troubleshooting, Repair & Maintenance; Operating Systems & Software; Networking; Security; Operational Procedure. In addition, students learn communication skills and professionalism required of all entry-level IT professionals. Students will have the knowledge and skills required to identify hardware, peripheral networking, system problems and employ basic troubleshooting methodology, and practice proper safety procedures. Strongly recommended: Computer Technology 50.

Eve	30885	Lab Fri	6:00-9:50	804	DAOUD	01/20-03/20	OP	FTI
		By Arr	2.0 Hrs/Wk	ONLINE		01/20-03/20	OP	

*CNT 51A-FTI is a Fast Track hybrid course that meets from Jan 20-Mar 20. Students are required to meet on-campus Fridays from 6:00-9:50pm in Room 804. They are 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>.*

**CNT 51B COMPTIAS A+ PRACTICAL APPL. 2.0 Units**

This class covers the objectives for the CompTIA A+ Practical Application certification exam. This is the second of the two exams for the CompTIA A+ certification. It is an extension of the knowledge and skills identified in CompTIA A+ Essentials Certification, with more of a hands-on orientation focused on scenarios in which troubleshooting and tools must be applied to resolve problems. Students learn to install, configure, upgrade, and maintain PC workstations, the Windows OS and SOHO networks. Students utilize troubleshooting techniques and tools to effectively and efficiently resolve PC, OS, and network connectivity issues and implement security practices. Strongly recommended: CNT 51A.

Eve	30886	Lab Fri	6:00-10:15	804	DAOUD	03/23-05/21	OP	FT2
		By Arr	2.2 Hrs/Wk	ONLINE		03/23-05/21	OP	

*CNT 51B-FT2 is a Fast Track hybrid course that meets from Mar 23-May 21. Students are required to meet on-campus Fridays from 6:00-10:15pm in Room 804. They will 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>.*

**CNT 52 NETWORKING FUNDAMENTALS 3.0 Units**

This course is a foundation course that explains and describes how computer networks are designed, installed, and administrated. Introduction to communications concepts, data communications, networking, and internetworking. Review of major network components: hardware, software, protocols (TCP/IP, IPX/SPX, NETBEUI), topologies, and cabling. Overview of LAN administration, setup, and installation. Preparation for the Network+ certification exam. Students may receive credit for either CIS 66 or CNT 52. Strongly recommended: Computer Information Systems 50.

Eve	30530	Wed	6:30-9:20	1826	DAOUD	01/20-05/29	OP	093
		Lab Wed	9:30-10:20	804		01/20-05/29	OP	

**CNT 54 WINDOWS CLIENT-MS NETWORKING 3.0 Units**

In this class, students learn to install and configure the current Windows client workstation for a professional business network using virtualization and/or online using virtual labs. Students install applications and learn to configure laptop computers. Course content follows the Microsoft Official Academic course curriculum and is intended to prepare students to take the Microsoft client component of the Microsoft Certified IT Professional (MCITP), Microsoft Certified Technology Specialist (MCTS), or the Microsoft Certified Systems Engineer (MCSE) certification exam. Topics include creation of user and group accounts, group policies, administrating access to shared resources, configuration of hardware devices, monitoring of system resources, troubleshooting, and ensuring data integrity and security. Strongly Recommended: Computer Networking Technology 51B, and Computer Network Technology 52.

Eve	32879	Th	6:30-8:45	804	DAOUD	01/20-05/29	OP	093
		Lab Th	9:00-10:15	804		01/20-05/29	OP	

*CNT 54 provides preparation for Microsoft MCITP 70 620 Exam.*

**CNT 62B CISCO NETWORK ACAD CCNA 3/4 4.0 Units**

This course covers the second half of the Cisco Certified Network Associate (CCNA) curriculum, and the objectives of the CCNA and ICND exams. It covers internetwork topology and design, configuring LAN switches, STP, VLANs and trunking TCP/IP suite, VLSM / CIDR, IPv4 and IPv6 addressing and subnetting, advanced routing concepts and configuration for RIP, IRPng, OSPF EIGRP, HSRP, and static routes. Also includes WANs using Frame Relay, PPP, PAP/CHAP authentication, and network address translation. Network security, best practices, router/switch security, passwords. Prerequisite: Computer Networking Technology 62A (Completed with a grade of "C" or higher) or completion of Cisco Networking Academy 1 & 2 at a Cisco Academy.

Eve	30856	Tue	5:00-7:50	805	GONDER	01/20-05/29	OP	093
		Lab By Arr	3.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*CNT 62B-093 is a hybrid course. Students will meet on campus Tuesdays from 5:00-7:50 pm in Room 805. They 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>.*

**CNT 67 WIFI/WIRELESS/HOTSPOT NETWORKS 3.0 Units**

Subjects covered include: wireless networks, access, modems, routers, firewalls, war-driving, security, compatibility, site survey and network planning, basic network administration, basic network troubleshooting, and objectives for the Cisco and CWNA wireless certifications. This course will prepare students to plan, purchase, and install a small to medium-sized wireless or WIFI and secure it, and meets the needs of small businesses, SOHO (Small Office, Home Office) workers, telecommuters, and home wireless networks. Strongly recommended: Computer Information Systems 50, Computer Networking Technology 55, or similar hands-on experience.

Web	32652	By Arr	3.0 Hrs/Wk	ONLINE	GONDER	01/20-05/29	OP	DEI
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*CNT 67-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>.*

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

Web	30890	By Arr	4.0 Hrs/Wk	ONLINE	GONDER	01/20-05/29	OP	DEI
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*CNT 69-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>.*



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 70 COMPUTER FORENSICS II 3.0 Units**

A practical course in Digital Forensics; the detection, and investigation of incidents involving computers, networks, the internet, and digital information. Case oriented, following the objectives for the CFE Computer Forensics Examiner certification exam, the class includes understanding and practice in basic computer forensics, methods of investigation, analysis of hard drives, storage mediums, network logs, and investigation reporting utilizing court-approved forensic software and tools. Strongly recommended: CIS 50 or CNT 68 (completed with a grade of "C" or better).

**Web 30891** By Arr 4.0 Hrs/Wk **ONLINE GONDER 01/20-05/29 OP DEI**  
**CNT 70-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>.**

**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.

**Web 31055** By Arr 6.0 Hrs/Wk **ONLINE GONDER 01/20-05/29 OP DEI**  
**CNT 7501-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>.**

**CS 7 INTRO TO COMPUTER PROGRAMMING 3.0 Units**

An introductory course in computer programming for nonscience majors and for students requiring additional preparation before taking Computer Science 1. Hardware, system software basics, the history of computing, computer ethics, basic computer operations, number systems, design of algorithms, pseudocoding, flowcharting, and programming constructs such as variables, expressions, input/output, decision-making, loops.

**Day 32881** Th 3:00-5:45 804 **SCHATZ 02/03-05/29 OP LSI**  
**CS 7-LSI is a Late Start hybrid course that meets from Feb 3-May 29. Students are required to meet on-campus Thursdays from 3:00-5:45pm in Room 804. They will 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>.**

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

<b>Eve 31249</b>	<b>TTh</b>	<b>6:30-7:45</b>	<b>2416</b>	<b>PENTCHEVA</b>	<b>01/20-05/29</b>	<b>OP 093</b>
<b>Lab</b>	<b>TTh</b>	<b>8:00-9:15</b>	<b>2416</b>		<b>01/20-05/29</b>	<b>OP</b>

**CS 37 WEB PROGRAMMING 4.0 Units**

The objective of this course is to develop skills and understanding in designing web pages using "static" and "dynamic" HTML tags for page layouts, hypertext links, site navigation, multimedia presentations, and audiovisual special effects. To enhance web site appearance and functionality, JavaScript will also be introduced. Participants will learn to use various web programming tools such as HTML editors, graphic image editors, graphic animators, and image map makers. Participants will also learn proper web design principles and develop web pages based upon current mainstream browser capabilities and limitations. Prerequisite: Computer Science 1 or Computer Science 14 (completed with a grade of "C" or higher).

<b>Day 32653</b>	<b>TTh</b>	<b>9:30-10:45</b>	<b>804</b>	<b>SCHATZ</b>	<b>01/20-05/29</b>	<b>OP V01</b>
<b>Lab</b>	<b>TTh</b>	<b>11:00-12:15</b>	<b>804</b>		<b>01/20-05/29</b>	<b>OP</b>

**CS 43 PROFESSIONAL COMMUNICATIONS 4.0 Units**

This course is designed to help students develop and refine the written and oral communication skills necessary to communicate effectively in a business environment. This will be accomplished through the planning, composing, and evaluating of written communication; report writing; and oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and professionalism. Students who have completed or are enrolled in Business 43, Computer Information Systems 43, Computer Networking Technology 43, English 43, or Speech 43 may not receive credit. Strongly recommended: Eligibility for English 1A.

**Web 30661** By Arr 4.0 Hrs/Wk **ONLINE AUSTIN 01/20-05/29 OP DEI**  
**CS 43-DEI is a hybrid course. All class meetings will be online, EXCEPT on the following dates, when students are required to meet on campus from 10am-12:50pm in Room 2450: January 24, March 14, and either May 2 or May 9. 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: Mathematics 107 (completed with a grade of "C" or higher).

<b>Day 30659</b>	<b>MW</b>	<b>11:00-12:15</b>	<b>2416</b>	<b>SCHATZ</b>	<b>01/20-05/29</b>	<b>OP V01</b>
<b>Lab</b>	<b>MW</b>	<b>12:30-1:45</b>	<b>2416</b>		<b>01/20-05/29</b>	<b>OP</b>
<b>Eve 30658</b>	<b>MW</b>	<b>7:00-8:15</b>	<b>2416</b>	<b>STAFF</b>	<b>01/20-05/29</b>	<b>OP 093</b>
<b>Lab</b>	<b>MW</b>	<b>8:30-9:45</b>	<b>2416</b>		<b>01/20-05/29</b>	<b>OP</b>

**CS 2 COMPUTING FUNDAMENTALS II 4.0 Units**

Object-oriented programming methods applied to intermediate-level problems using C++. Pointers and dynamic allocation; classes; encapsulation; inheritance and polymorphism; object and function overloading; recursive algorithms; introduction to searching and sorting; introduction to abstract data types. Strongly Recommended: Computer Science I (completed with a grade of "C" or higher).

<b>Day 30660</b>	<b>TTh</b>	<b>9:30-10:45</b>	<b>2416</b>	<b>KOMANETSKY</b>	<b>01/20-05/29</b>	<b>OP V01</b>
<b>Lab</b>	<b>TTh</b>	<b>11:00-12:15</b>	<b>2416</b>		<b>01/20-05/29</b>	<b>OP</b>
<b>Eve 32880</b>	<b>MW</b>	<b>6:30-7:45</b>	<b>804</b>	<b>MORTEZAIE</b>	<b>01/20-05/29</b>	<b>OP 093</b>
<b>Lab</b>	<b>MW</b>	<b>8:00-9:15</b>	<b>804</b>		<b>01/20-05/29</b>	<b>OP</b>

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.

*CS 46-093 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.*

Eve	32189	Wed	6:30-8:15	2412	SCHATZ	01/20-05/29	OP	093
Lab	By Arr	1.5 Hrs/Wk	ONLINE			01/20-05/29	OP	

*CS 46-093 is a hybrid course. Students will meet on campus Wednesdays from 6:30-8:15 pm in Room 2416. They will be required to complete the remainder of the course online. For more information see the section titled*

**CS 47 CAPSTONE PROJECT 3.0 Units**

This is the last course in the Computer Programming (CP) degree or certificate sequence. Students will work in teams and write a client-driven work-like project requiring planning, writing, execution and presentation. The project will require the development of a large application selected by each team. According to client specifications, each team will define their project and break it down into parts. Each member of the team will write one of the parts. The team will prepare a written and oral report to present their project. This course will require the use of all of the programming and systems analysis skills developed in previous courses and will serve as a means of demonstration of mastery of program competencies. **Prerequisites:** Computer Information Systems 60 and Computer Science 43 and either Computer Science 20 or Computer Science 33 or Computer Science 34 or Computer Science 35 or Computer Science 36 or Computer Science 44 (completed with a grade of "C" or higher). Strongly recommended: Computer Science 45.

Eve	31043	By Arr	1.0 Hrs/Wk	tba	SCHATZ	01/20-05/29	OP	093
Lab	By Arr	6.0 Hrs/Wk	tba			01/20-05/29	OP	

## DANCE

**DANC 6 DANCE PRODUCTION-CHOREOGRAPHY 1.0 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	30217	Lab TTh	2:15-5:05	4127	STAFF	01/20-05/29	OP	V01
Lab	By Arr	3.0 Hrs/Wk	4127			01/20-05/29	OP	

**DANC 5A DANCE COMPOSITION BEGINNING 2.0 Units**

An introduction to the art of making dances for choreographers working in any style of dance, this course is open to students who have little or no dance training.

Day	32903	Tue	11:00-11:50	4127	PROCTOR	01/20-05/29	OP	V01
Lab	TTh	12:00-12:50	4127			01/20-05/29	OP	

**DANC 5B DANCE COMPOSITION INTERMEDIATE 2.0 Units**

A continuation to the art of making dances for choreographers working in any style of dance.

Day	32904	Lab Tue	11:00-11:50	4127	PROCTOR	01/20-05/29	OP	V01
Lab	TTh	12:00-12:50	4127			01/20-05/29	OP	

## 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	30072	TTh	9:30-10:45	2306	TAYLOR	01/20-05/29	GR	V01
Eve	31942	Wed	7:00-9:50	2460	NATRASS	01/20-05/29	GR	093

**ECD 56 CHILD GROWTH AND DEVELOPMENT 3.0 Units**

A study of the major physical, psychosocial, and cognitive/language development milestones for children both typical and atypical from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

*ECD 56 replaces ECD 51 for degree and certificate requirements.*

Day	31412	MW	9:00-10:15	2306	ROSEN-SIMON	01/20-05/29	GR	V01
Eve	31413	MW	5:30-6:45	2306	ROSEN-SIMON	01/20-05/29	GR	093
Eve	31944	Tue	7:00-9:50	2206	GUTHRIE	01/20-05/29	GR	094

**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	30447	TTh	11:00-12:15	2306	TAYLOR	01/20-05/29	GR	V01
Eve	30879	Th	7:00-9:50	1873	PETERSON	01/20-05/29	GR	093

*Web 31945 By Arr 3.0 Hrs/Wk ONLINE TAYLOR 01/20-05/29 GR DE1*  
**ECD 62-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>.**

**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 (completed with a grade of "C" or higher) and ECD 56 (completed with a grade of "C" or higher)

Day	31169	MW	10:30-12:20	2306	ROSEN-SIMON	01/20-05/29	GR	V01
Eve	30416	Tue	6:00-9:50	2306	ROSEN-SIMON	01/20-05/29	GR	093

**ECD 67 INFANT/TODDLER DEVELOPMENT 3.0 Units**

A study of infants and toddlers from preconception to 36 frameworks to interpret behavior and interactions between heredity and environment. Examination of best practices, responsive caregiving techniques, environments, infant/toddler learning foundations, health, safety, and licensing requirements. Prerequisite: ECD 56 (completed with a grade of "C" or higher).

Eve 31946 Mon 7:00-9:50 2306 COSTELLO-CH 01/20-05/29 GR 093

**ECD 69 CHILD STDY THROUGH OBSERVATION 3.0 Units**

Current approaches for observing recording the behavior of infants and young children using various scientific techniques. Effective observations that build on respecting and fostering all children's competence, striving for objectivity and individualizing programs to meet individual children's learning and developmental assessment. Direct observational experience and application of methods is required weekly. Prerequisite: ECD 56 (completed with a grade of "C" or higher).

Day 31414 MW 12:30-1:45 2306 ROSEN-SIMON 01/20-05/29 OP V01

**ECD 74 CHILD GUIDANCE 2.0 Units**

This course introduces practical principles and techniques for developmentally and culturally appropriate guidance. Emphasis is on encouraging self-esteem and cultural awareness, effective communication skills, and direct and indirect guidance techniques and strategies. Upon completion of the course, students should be able to demonstrate strategies which encourage positive social interactions, promote conflict resolution and develop self-control self-motivation and self-esteem in children. 2 hours

Eve 32555 Tue 7:00-8:50 2490 TAYLOR 01/20-05/29 OP 093

**ECD 79 TEACH 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.

Eve 32747 Th 7:00-9:50 2306 BANDELOW 01/20-05/29 OP 093

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

Eve 30211 Wed 7:00-8:50 2306 RENO 01/20-05/29 GR 093

Lab By Arr 6.0 Hrs/Wk tba 01/20-05/29 GR

6.0 hours TBA. Students must have a TB test completed for the first day of class.

## ECONOMICS

**ECON I PRINCIPLES OF MICROECONOMICS 3.0 Units**

Economic analysis of market systems, price theory, including supply and demand analysis, marginal utility, elasticity, cost and revenue concepts, perfect and imperfect competition, international trade theory, pricing of the factors of production, poverty and income inequalities. Strongly recommended: English 1A eligibility. Prerequisite: MATH 54 or 55 or 55B or 55L or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

Day 30299 MW 12:30-1:45 2490 WEBSTER 01/20-05/29 OP V01

Internet access required for ECON I-V01.

Day 30613 TTh 8:00-9:15 1826 SHUMAKER 01/20-05/29 OP V02

Day 30933 TTh 11:00-12:15 202 WEBSTER 01/20-05/29 OP V03

Internet access is required for ECON I-V03.

Web 30735 By Arr 3.0 Hrs/Wk ONLINE WEBSTER 01/20-05/29 OP DE1

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 30541 By Arr 3.0 Hrs/Wk ONLINE WEBSTER 01/20-05/29 OP DE2

ECON I-DE2 is an online course. For more information, see the sections titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**ECON 2 PRINCIPLES OF MACROECONOMICS 3.0 Units**

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

Day 30340 MW 11:00-12:15 2460 WEBSTER 01/20-05/29 OP V01

Internet access is required for ECON 2-V01.

Day 30024 TTh 9:30-10:45 1826 SHUMAKER 01/20-05/29 OP V02

Web 30851 By Arr 3.0 Hrs/Wk ONLINE WEBSTER 01/20-05/29 OP DE1

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 32534 By Arr 3.0 Hrs/Wk ONLINE WEBSTER 01/20-05/29 OP DE2

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 5 ECONOMIC HISTORY OF THE US 3.0 Units**

Origins and historical development of major economic forces, institutions and philosophies that have shaped the U.S. market economy.

Eve 32180 Th 7:00-9:50 2480 RASMUS 01/20-05/29 OP 093

## EMERGENCY MEDICAL SERVICES

### EMS 61 EMERGENCY MEDICAL RESPONDER 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.

*Students will be assessed a \$7 fee at registration for the American Heart Association BLS HCP Course completion card, the "Emergency Medical Responder" (90 hr) Certification completion card from the Emergency Care and Safety Institute (ECSI).*

Day	31282	Mon	2:00-4:05	2201	MOORHEAD	01/20-05/29	GR	V01
	Lab	Mon	4:10-7:25	2201		01/20-05/29	GR	
Day	31281	Th	12:00-1:55	2201	MOORHEAD	01/20-05/29	GR	V02
	Lab	Th	2:05-5:10	2201		01/20-05/29	GR	
Eve	31283	Th	5:30-7:20	2201	ADKINS	01/20-05/29	GR	093
	Lab	Th	7:30-10:20	2201		01/20-05/29	GR	

### 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	31344	Th	7:00-9:50	801	STAFF	01/20-05/29	GR	093
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### EMS 81 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 (completed with a grade of "B" or higher or current Emergency Medical Responder certification and Basic Life Support CPR Recognition with AED).

Eve	31284	Tue	6:00-9:50	2201	STAFF	01/20-05/29	GR	093
		Sat	9:00-10:05	2201		01/20-05/29	GR	
	Lab	Sat	10:15-3:25	2206		01/20-05/29	GR	

*Students enrolled in EMS 81-093 must be present for the first class meeting at 6:00 p.m. All enrolled students must be at least 18 years of age on the first day of class to take this course. 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 (the student must have completed the complete 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 the Student Health Center. Prospective students who do not bring proof of required immunizations during 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 ECSI Emergency Medical Responder (EMR) certification 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 at Las Positas College or Chabot College, must submit a petition to the Dean of Academic Services to waive the pre-requisite. Prospective students must provide this information in one complete package no later than the first day of class, which begins on January 20, 2015. Students enrolled in EMS 81 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. Use Program Code: LC70, when submitting information and payment to Certified Backgrounds. 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: SEBASTIAN WONG. You may contact Mr. Wong by phone at 925-424-1107, extension 2046 or by email at [sewong@laspositascollege.edu](mailto:sewong@laspositascollege.edu).*

## 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 English 1A.

Day	31049	MW	10:00-10:50	1859	STAFF	01/20-05/29	GR	V01
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### 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: Mathematics 37 and English 1A or 102.

Day	30848	MW	8:30-9:20	1859	SLUTZ BARAN	01/20-05/29	GR	V01
	Lab	Fri	8:30-11:20	1859		01/20-05/29	GR	
Day	32688	TTh	10:00-10:50	1859	LEVEL	01/20-05/29	OP	VT1
	Lab	TTh	11:00-12:20	1859		01/20-05/29	OP	

### ENGR 44 INTRO TO CIRCUIT ANALYSIS 4.0 Units

Analysis of introductory engineering AC and DC circuits. Natural, forced, and complete circuit response. Prerequisite: Physics 4A or Physics 8A with a grade of "C" or higher). CAN 6.

Day	30366	MW	1:00-2:15	1859	LEVEL	01/20-05/29	GR	V01
	Lab	Mon	2:30-5:20	1822		01/20-05/29	GR	

### ENGR 46 MATERIALS OF ENGINEERING 3.0 Units

Application of principles of chemistry and physics to the properties of engineering materials; the relation of microstructure to mechanical, electrical, thermal and corrosion properties of metals; ceramics and polymers. Prerequisite: Physics 8A and Chemistry 1A (both completed with a grade of "C" or higher).

Day	30605	Tue	2:30-4:20	1822	STAFF	01/20-05/29	GR	V01
	Lab	Th	1:30-4:20	1822		01/20-05/29	GR	



# ENGLISH

## ENG IA 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 30471 MW 11:00-12:15 307 GONZALES 01/20-05/29 GR P01  
 Lab Wed 12:30-1:20 502 01/20-05/29 GR

The above section ENG IA-P01 is part of the Puente Program. For more information, or to register for the program, please contact Rafael Valle at rvalle@laspositascollege.edu.

Day 30470 MW 8:00-9:15 402 ROE 01/20-05/29 GR V01  
 Wed 9:30-10:20 805 01/20-05/29 GR

Day 30469 MW 8:00-9:15 307 HANSEN 01/20-05/29 GR V02  
 Lab Mon 9:30-10:20 2412 01/20-05/29 GR

Day 32541 MW 8:00-9:15 203 SWANSON-GAR 01/20-05/29 OP V03  
 Lab Mon 9:30-10:20 502 01/20-05/29 OP

Day 30959 MW 9:30-10:45 802 DURAN 01/20-05/29 GR V04  
 Lab Wed 8:30-9:20 2412 01/20-05/29 GR

Day 30971 MW 9:30-10:45 2470 GAROUPA 01/20-05/29 GR V05  
 Lab Wed 8:30-9:20 805 01/20-05/29 GR

Day 30960 MW 2:00-3:15 4213 DURAN 01/20-05/29 GR V06  
 Lab Wed 3:30-4:20 805 01/20-05/29 GR

Day 30965 MW 2:00-3:15 201 SUZARA 01/20-05/29 GR V07  
 Lab Mon 3:30-4:20 805 01/20-05/29 GR

Day 30468 MW 3:30-4:45 201 WIGHTMAN 01/20-05/29 GR V08  
 Lab Wed 5:00-5:50 805 01/20-05/29 GR

Day 30962 TTh 11:00-12:15 201 SPIRN 01/20-05/29 GR V09  
 Lab Tue 12:30-1:20 2412 01/20-05/29 GR

Day 30480 TTh 8:00-9:15 2460 STAFF 01/20-05/29 GR V10  
 Lab Th 9:30-10:20 2412 01/20-05/29 GR

Day 30961 TTh 8:00-9:15 2203 STAFF 01/20-05/29 GR V11  
 Lab Tue 9:30-10:20 2412 01/20-05/29 GR

Day 30970 TTh 9:30-10:45 204 STAFF 01/20-05/29 GR V12  
 Lab Th 11:00-11:50 2412 01/20-05/29 GR

Day 30963 TTh 12:30-1:45 2204 OTT 01/20-05/29 GR V13  
 Lab Tue 2:00-2:50 2412 01/20-05/29 GR

Day 30957 TTh 12:30-1:45 204 SYDLASKE 01/20-05/29 GR V14  
 Lab Th 2:00-2:50 804 01/20-05/29 GR

Day 30958 TTh 2:00-3:15 402 NASH 01/20-05/29 GR V15  
 Lab Tue 3:30-4:20 804 01/20-05/29 GR

Day 30964 TTh 2:00-3:15 2204 CHEN 01/20-05/29 GR V16  
 Lab Tue 3:30-4:20 502 01/20-05/29 GR

Day 31652 MW 1:30-2:45 507 ROBINSON 01/20-05/29 GR V17  
 Lab Mon 3:00-3:50 502 01/20-05/29 GR

Day 32749 MW 11:00-12:15 PE209 SWANSON-GAR 01/20-05/29 OP V18  
 Lab Wed 12:30-1:20 2412 01/20-05/29 OP

Eve 30894 MW 5:00-6:15 202 ROBINSON 01/20-05/29 GR 093  
 Lab Mon 4:00-4:50 502 01/20-05/29 GR

Eve 32543 Mon 7:00-9:50 202 KAPLAN 01/20-05/29 OP 094  
 Lab By Arr 1.0 Hrs/Wk ONLINE 01/20-05/29 OP

ENG IA-094 is a hybrid course with an on-campus lecture that meets Mondays 7:00-9:50 p.m. in room 202. The lab portion of the course will be conducted over the internet. For more information see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Eve 30956 Tue 7:00-9:50 307 KAPLAN 01/20-05/29 GR 095  
 Lab By Arr 1.0 Hrs/Wk ONLINE 01/20-05/29 GR

ENG IA-095 is a hybrid course with an on-campus lecture that meets Tuesdays 7:00-9:50 p.m. in room 307. The lab portion of the course will be conducted over the internet. For more information see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Eve 30955 Wed 7:00-9:50 202 STAFF 01/20-05/29 GR 096  
 Lab By Arr 1.0 Hrs/Wk ONLINE 01/20-05/29 GR

ENG IA-096 is a hybrid course with an on-campus lecture that meets Wednesdays 7:00-9:50 p.m. in room 202. The lab portion of the course will be conducted over the internet. For more information see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

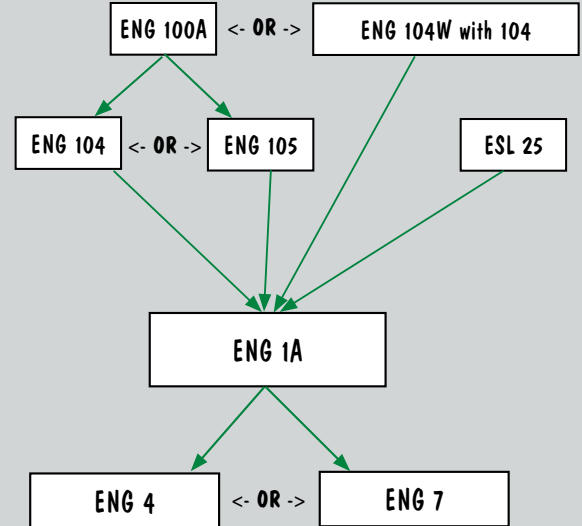
Web 30739 By Arr 4.0 Hrs/Wk ONLINE STEVENS 01/20-05/29 GR DE1  
 ENG IA-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 30893 By Arr 4.0 Hrs/Wk ONLINE STEVENS 01/20-05/29 GR DE2  
 ENG IA-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>.

## 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 IA

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

English 4 or 7

A.S. OPTIONS \_\_\_\_\_ 3 SEM. UNITS

#### ENGLISH COMPOSITION

English IA



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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**ENG 4 CRITICAL THINKING/WRITING LIT 3.0 Units**

Develops critical thinking, reading, and writing skills as they apply to the analysis of fiction, poetry and drama; literary criticism; and related non-fiction from diverse cultural sources and perspectives. Emphasis on the techniques and principles of effective written argument as they apply to literature. Some research required. Prerequisite: English 1A with a grade of "C" or higher.

Day	30611	MW	11:00-12:15	802	COLE	01/20-05/29	GR	V01
Day	30625	MW	12:30-1:45	307	COLE	01/20-05/29	GR	V02
Day	30481	MW	2:30-3:45	307	SMIGELSKI	01/20-05/29	GR	V03
Day	30473	TTh	8:00-9:15	202	GONZALES	01/20-05/29	GR	V04
Day	30474	TTh	9:30-10:45	2460	SYDLASKE	01/20-05/29	GR	V05
Day	30745	TTh	12:30-1:45	402	GONZALES	01/20-05/29	GR	V06
Day	30472	TTh	2:00-3:15	201	MC CANN	01/20-05/29	GR	V07
Day	30724	Fri	8:00-10:50	201	MC CANN	01/20-05/29	GR	V08
Eve	30488	Wed	7:00-9:50	2470	WILLIS	01/20-05/29	GR	093
Eve	30487	Th	7:00-9:50	1826	WILLIS	01/20-05/29	GR	094
Eve	32907	TTh	7:00-8:15	900	BIELAWSKI	01/20-05/29	OP	LCI

ENG 1A-LCI is part of the ECD LEARNING COMMUNITY COURSE.

Web 30461 By Arr 3.0 Hrs/Wk ONLINE DRY 01/20-05/29 GR DE1

ENG 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>.

Web 30602 By Arr 3.0 Hrs/Wk ONLINE DRY 01/20-05/29 GR DE2

ENG 4-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>.

**ENG 7 CRITICAL THINKING/WRITING 3.0 Units**

Develops critical thinking, reading, and writing skills as they apply to the textual analysis of primary and secondary book-length works from a range of academic and cultural contexts. Emphasis on the techniques and principles of effective written argument in research-based writing across disciplines. Prerequisite: English 1A (completed with a grade of "C" or higher).

Day	30477	MW	8:00-9:15	507	STAFF	01/20-05/29	GR	V01
Day	32544	MW	9:30-10:45	4213	STAFF	01/20-05/29	OP	V02
Day	30626	MW	11:00-12:15	1873	ELLINGSWORT	01/20-05/29	GR	V03
Day	30476	MW	2:00-3:15	202	STAFF	01/20-05/29	GR	V04
Day	30482	TTh	11:00-12:15	204	EAGAN	01/20-05/29	GR	V05
Day	30610	TTh	12:30-1:45	4213	EAGAN	01/20-05/29	GR	V06
Day	32659	TTh	3:30-4:45	204	CHIOLIS	01/20-05/29	GR	V07
Eve	30478	MW	7:00-8:15	1872	STAFF	01/20-05/29	GR	093
Eve	30896	Tue	7:00-9:50	1871	SCHENK	01/20-05/29	GR	094
Eve	32545	TTh	5:00-6:15	201	CHEN	01/20-05/29	OP	095

Web 30475 By Arr 3.0 Hrs/Wk ONLINE BIELAWSKI 01/20-05/29 GR DE1

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 31875 By Arr 3.0 Hrs/Wk ONLINE BIELAWSKI 01/20-05/29 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 32168 By Arr 3.0 Hrs/Wk ONLINE SCHENK 01/20-05/29 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 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.

Day 31876 MW 12:30-1:45 505 SUZARA 01/20-05/29 OP V01

ENG 12A-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.

**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 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 11 (completed with a grade of "C" or higher) and eligibility for ENG 1A.

Day 31879 MW 12:30-1:45 505 SUZARA 01/20-05/29 OP V01

ENG 12B-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.

**ENG 13 THE CRAFT OF WRITING-POETRY 3.0 Units**

Practice in writing poetry, using materials drawn from published poetry and individual's own work for analysis and criticism, with a focus on techniques of revision. Strongly recommended: ENG 11 (completed with a grade of "C" or better) and eligibility for ENG 1A.

Day 30455 TTh 2:00-3:15 204 BIELAWSKI 01/20-05/29 OP V01

**ENG 19A LITERARY MAGAZINE 1.5 Units**

Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary supplement and/or magazine. Enrollment constitutes the staff of the magazine. The number of laboratory units will be agreed upon and scheduled by instructor and student based on the students job description and availability to participate. 1 hour lecture, 1.5 or 3 hours laboratory. (Cross-listed with MSCM 19A; A student who has completed MSCM 19A cannot enroll in ENG 19A).

Day 32043 Wed 10:00-10:50 2409 DRY 01/20-05/29 OP V01

Lab Wed 11:00-12:30 2409 01/20-05/29 OP

**ENG 19B LITERARY MAGAZINE B 1.5 Units**

Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary supplement and/or magazine. Enrollment constitutes the staff of the magazine. The number of laboratory units will be agreed upon and scheduled by instructor and student based on the students job description and availability to participate. 1 hour lecture, 1.5 or 3 hours laboratory. (Cross-listed with MSCM 19B; A student who has completed MSCM 16B cannot enroll in ENG 19B).

Day 32082 Wed 10:00-10:50 2409 DRY 01/20-05/29 OP V01

Lab Wed 11:00-12:30 2409 01/20-05/29 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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**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: English 1A (completed with a grade of "C" or higher).

Day 30454 MW 11:00-12:15 203 SMIGELSKI 01/20-05/29 OP V01

**ENG 41 WORLD LIT: 17TH CENT-PRESENT 3.0 Units**  
 This course is a comparative study of selected works, in translation and in English, of literature from various regions and cultures around the world, including Africa, Europe, the Middle East, Asia, the Americas, and other areas from the mid-or-late seventeenth century to the present. Prerequisite: ENG 1A (completed with a grade of "C" or higher).

Day 32750 TTh 11:00-12:15 203 STAFF 01/20-05/29 OP V01

**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.

*This semester, students registering for 100A can instead accelerate to English 104 and take it with a 104W support course of only 10 students. Completing both courses with a "Pass" would make students eligible to take English 1A in the Summer/Fall of 2015, cutting out one semester of English basic skills coursework. If you are interested in registering for a 104 and 104W instead of a 100A, please contact Catherine Eagan at ceagan@laspositascollege.edu. Dr. Eagan will provide you with the days and times of the available 104 and 104W options, but you can also review them yourself on CLASS-WEB and let her know which section you would prefer.*

Day 30462 TTh 12:00-1:15 401A DRY 01/20-05/29 P/N V01  
 Lab TTh 1:25-2:40 401A 01/20-05/29 P/N

Eve 30606 MW 6:30-7:45 401A KAUFMAN 01/20-05/29 P/N 093  
 Lab MW 7:55-9:10 401A 01/20-05/29 P/N

**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. Prerequisite: English 100A with a grade of "pass", or appropriate skill level demonstrated through the English assessment process. 3 hours lecture, 3 hours laboratory.

Day 31361 MWF 8:00-8:50 401A ELLINGSWORT 01/20-05/29 P/N V01  
 Lab MWF 9:00-9:50 401A 01/20-05/29 P/N

Day 31601 MWF 8:00-8:50 401B MCMICHAEL 01/20-05/29 P/N V02  
 Lab MWF 9:00-9:50 401B 01/20-05/29 P/N

Day 31362 MWF 10:00-10:50 401A EAGAN 01/20-05/29 P/N V03  
 Lab MWF 11:00-11:50 401A 01/20-05/29 P/N

*This section, ENG 104-V03 will close at 22 students. The remaining 10 students will be students who did not place into 104 but wish to accelerate through the sequence of basic skills English courses. The curriculum for this 104 will be identical to that of other 104 courses. If you know of students who did not place into English 104 and would be interested in this course, please refer them to Catherine Eagan at ceagan@laspositascollege.edu or at 925-424-1272.*

Day 31363 MWF 10:00-10:50 401B STAFF 01/20-05/29 P/N V04  
 Lab MWF 11:00-11:50 401B 01/20-05/29 P/N

Day 31408 MW 12:00-1:15 401B GAROUPA 01/20-05/29 P/N V06  
 Lab MW 1:25-2:40 401B 01/20-05/29 P/N

Day 31364 MW 3:00-4:15 401A STAFF 01/20-05/29 P/N V07  
 Lab MW 4:25-5:40 401A 01/20-05/29 P/N

(ENG 104 CONTINUES)

Day 31365 MW 3:00-4:15 401B STAFF 01/20-05/29 P/N V08  
 Lab MW 4:25-5:40 401B 01/20-05/29 P/N  
 Day 31366 TTh 8:00-9:15 401A GAROUPA 01/20-05/29 P/N V09  
 Lab TTh 9:25-10:40 401A 01/20-05/29 P/N  
 Day 31410 TTh 8:00-9:15 401B OTT 01/20-05/29 P/N V10  
 Lab TTh 9:25-10:40 401B 01/20-05/29 P/N  
 Day 31409 TTh 12:00-1:15 401B COLE 01/20-05/29 P/N V11  
 Lab TTh 1:25-2:40 401B 01/20-05/29 P/N

*This section ENG 104-V11 will close at 22 students. The remaining 10 students will be students who did not place into 104 but wish to accelerate through the sequence of basic skills English courses. The curriculum for this 104 will be identical to that of other 104 courses. If you know of students who did not place into English 104 and would be interested in this course, please refer them to Catherine Eagan at ceagan@laspositascollege.edu or at 925-424-1272.*

Day 31451 TTh 3:00-4:15 401B BOWDEN 01/20-05/29 P/N V12  
 Lab TTh 4:25-5:40 401B 01/20-05/29 P/N  
 Day 31367 TTh 3:00-4:15 401A SATO 01/20-05/29 P/N V13  
 Lab TTh 4:25-5:40 401A 01/20-05/29 P/N

*This section ENG 104-V13 will close at 22 students. The remaining 10 students will be students who did not place into 104 but wish to accelerate through the sequence of basic skills English courses. The curriculum for this 104 will be identical to that of other 104 courses. If you know of students who did not place into English 104 and would be interested in this course, please refer them to Catherine Eagan at ceagan@laspositascollege.edu or at 925-424-1272.*

Day 32684 MW 12:00-1:15 401A VANDERHOOF 01/20-05/29 OP V14  
 Lab MW 1:25-2:40 401A 01/20-05/29 OP  
 Eve 31359 TTh 6:30-7:45 401A STAFF 01/20-05/29 P/N 093  
 Lab TTh 7:55-9:10 401A 01/20-05/29 P/N  
 Eve 31360 TTh 6:30-7:45 401B NASH 01/20-05/29 P/N 094  
 Lab TTh 7:55-9:10 401B 01/20-05/29 P/N  
 Eve 31411 MW 6:30-7:45 401B NASH 01/20-05/29 P/N 095  
 Lab MW 7:55-9:10 401B 01/20-05/29 P/N

**ENG 104W INTEGRATED READ & WRITING WK 0.7 Units**  
 This course provides .75 additional LAB hours of instruction to support students who have not placed into 104/105 but hope to accelerate through the sequence of basic skills English courses. Instructors will work intensively with a group of ten students to support their development in critical thinking, reading, writing, and research.

Day 32550 Lab MW 12:00-12:50 403 EAGAN 01/20-05/29 OP V01

*If you are interested in accelerating to English 104, you must enroll in an ENG 104W support course. This 104W support course must be taken with ENG 104-V03 (CRN 31362) MWF 10:00-10:50 (LEC) and MWF 11:00-11:50 (LAB). This support course is limited to 10 students. Please contact Catherine Eagan at ceagan@laspositascollege.edu or at 925-424-1272 to register.*

Day 32551 Lab MW 3:00-3:50 507 COLE 01/20-05/29 OP V02

*If you are interested in accelerating to English 104, you must enroll in an ENG 104W support course. This 104W support course must be taken with ENG 104-V11 (CRN 31409) TTh 12:00-1:15 (LEC) and TTh 1:25-2:40 (LAB). This support course is limited to 10 students. Please contact Catherine Eagan at ceagan@laspositascollege.edu or at 925-424-1272 to register.*

Day 32552 Lab TTh 1:30-2:20 507 SATO 01/20-05/29 OP V03

*If you are interested in accelerating to English 104, you must enroll in an English 104W support course. This 104W support course must be taken with English 104-V13 (CRN 31367), TTh 3:00-4:15 (LEC) and TTh 4:25-5:45 (LAB). This support course is limited to 10 students. Please contact Catherine Eagan at ceagan@laspositascollege.edu or at 925-424-1272 to register.*

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ENG 105 READING, REASONING AND WRITING 4.0 Units</b>								
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 ENG 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	31421	MW	9:30-10:45	2205	SATO	01/20-05/29	P/N	V01
	Lab	MW	11:00-12:15	805		01/20-05/29	P/N	
Day	31877	MW	11:00-12:15	1602	SPIRN	01/20-05/29	P/N	V02
	Lab	MW	12:30-1:45	804		01/20-05/29	P/N	
Day	31878	Lab TTh	1:30-2:45	502	STAFF	01/20-05/29	P/N	V03
		TTh	2:55-4:10	503		01/20-05/29	P/N	
Eve	32165	TTh	6:30-7:45	1872	STAFF	01/20-05/29	P/N	093
	Lab	TTh	7:55-9:10	502		01/20-05/29	P/N	

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ESL 26 ADVANCED EDITING 3.0 Units</b>								
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.								
Day	30338	Fri	8:30-11:50	403	KEENER	02/06-05/29	OP	LS1
<i>ESL 26-LS1 is a late start course that meets from Feb 6 – May 29.</i>								

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ESL 120A INTERM GRAMMAR/READ,WRITE I 3.0 Units</b>								
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. 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. 3 hours lecture								
Day	32522	Mon	8:30-12:20	505	MC GURK	02/09-05/29	OP	LS1
<i>ESL 120A-LS1 is a late start course that meets from Feb 9 – May 29.</i>								
Eve	32523	Fri	6:00-9:20	2450	TROMBLY CHR	02/06-05/29	OP	LS2
<i>ESL 120A-LS2 is a late start course that meets from Feb 6 – May 29.</i>								

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ESL 120B INTERM GRAMMAR/READ,WRITE II 3.0 Units</b>								
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 and 121B.								
Day	32524	Wed	8:30-11:40	505	MARQUIS	02/04 05/29	OP	LS1
Eve	32525	Fri	6:00-9:20	2460	LUNDBOM	02/06 05/29	OP	LS2
<i>ESL 120B-LS2 is a late start course that meets from Feb 6 – May 29.</i>								

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ESL 121A INTERM WRITING AND READING I 6.0 Units</b>								
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 and 121A.								
Day	31028	TTh	8:30-11:45	507	GAUTHIER	02/03-05/29	P/N	LS1
	Lab	Th	11:55-12:55	600		02/03-05/29	P/N	
<i>ESL 121A-LS1 is a late start course that meets from Feb 3 – May 29.</i>								
Day	32038	TTh	12:00-3:15	1602	LEHR	02/03-05/29	P/N	LS2
	Lab	Th	10:50-11:50	600		02/03-05/29	P/N	
<i>ESL 121A-LS2 is a late start course that meets from Feb 3 – May 29.</i>								
Eve	31031	TTh	6:00-9:15	402	STAFF	02/03-05/29	P/N	LS3
	Lab	Th	4:50-5:50	600		02/03-05/29	P/N	
<i>ESL 121A-LS3 is a late start course that meets from Feb 3 – May 29.</i>								

## ENGLISH AS A SECOND LANGUAGE

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ESL 23 COLLEGE GRAMMAR 3.0 Units</b>								
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. Prerequisite: Successful completion of English as a Second Language 120B and 121B or appropriate skill level demonstrated through the ESL assessment process. 3 hours lecture.								
Eve	31242	Th	6:00-9:10	307	BRICKMAN	02/05-05/29	OP	LS1
<i>ESL 23-LS1 is a late start course that meets from Feb 5–May 29.</i>								

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ESL 24 ADVANCED READING, COMPOSITION 6.0 Units</b>								
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.								
Day	31024	MW	8:30-11:55	403	LACQUES ARA	02/04-05/29	OP	LS1
	Lab	Wed	12:05-1:05	600		02/04-05/29	OP	
<i>ESL 24-LS1 is a late start course that meets from Feb 4–May 29</i>								
Eve	31025	MW	6:00-9:25	403	STAFF	02/04-05/29	OP	LS2
	Lab	Wed	4:50-5:50	600		02/04-05/29	OP	
<i>ESL 24-LS2 is a late start course that meets from Feb 4 – May 29.</i>								

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>ESL 25 ADVANCED ESL READING AND COMP 6.0 Units</b>								
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.								
Day	31026	MW	9:00-12:25	PE212	BRICKMAN	02/04-05/29	OP	LS1
	Lab	Mon	12:35-1:35	600		02/04-05/29	OP	
<i>ESL 25-LS1 is a late start course that meets from Feb 4 – May 29.</i>								
Eve	31027	MW	6:00-9:25	2420	PODEVYN	02/04-05/29	OP	LS2
	Lab	Mon	4:50-5:50	600		02/04-05/29	OP	
<i>ESL 25-LS2 is a late start course that meets from Feb 4 – May 29.</i>								

**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 and 121B.

Day	31029	TTh	8:30-11:45	403	XIEZOPOLSKI	02/03-05/29	P/N	LS1
Lab		Tue	11:55-12:55	600		02/03-05/29	P/N	
ESL 121B-LS1 is a late start course that meets from Feb 3 – May 29.								
Day	31032	TTh	12:00-3:15	403	MARQUIS	02/03-05/29	P/N	LS2
Lab		Tue	11:00-11:50	600		02/03-05/29	P/N	
ESL 121B-LS2 is a late start course that meets from Feb 3 – May 29.								
Eve	31030	TTh	6:00-9:15	403	PABLEY	02/03-05/29	P/N	LS3
Lab		Th	4:50-5:50	600		02/03-05/29	P/N	
ESL 121B-LS3 is a late start course that meets from Feb 3 – May 29.								

**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.

Sat	32526	Sat	9:30-11:30	201	XIEZOPOLSKI	02/07-05/29	OP	LS1
Lab		Sat	11:40-12:40	201		02/07-05/29	OP	
ESL 123-LS1 is a late start course that meets from Feb 7 – May 29.								

**ESL 126 PRONUNCIATION OF ENGLISH 2.0 Units**

Intensive practice in recognizing and pronouncing the sounds of American English with emphasis on words and phrases: stress, intonation, phrasing, reduction. Attention to individual as well as group priorities. Prerequisite: Eligibility for ESL 120A as demonstrated through the ESL assessment process.

Day	31889	Fri	9:30-11:30	2206	TROMBLY CHR	02/06-05/29	P/N	LS1
Lab		Fri	11:40-12:40	2416		02/06-05/29	P/N	
ESL 126-LS1 is a late start course that meets from Feb 6 – May 29.								

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

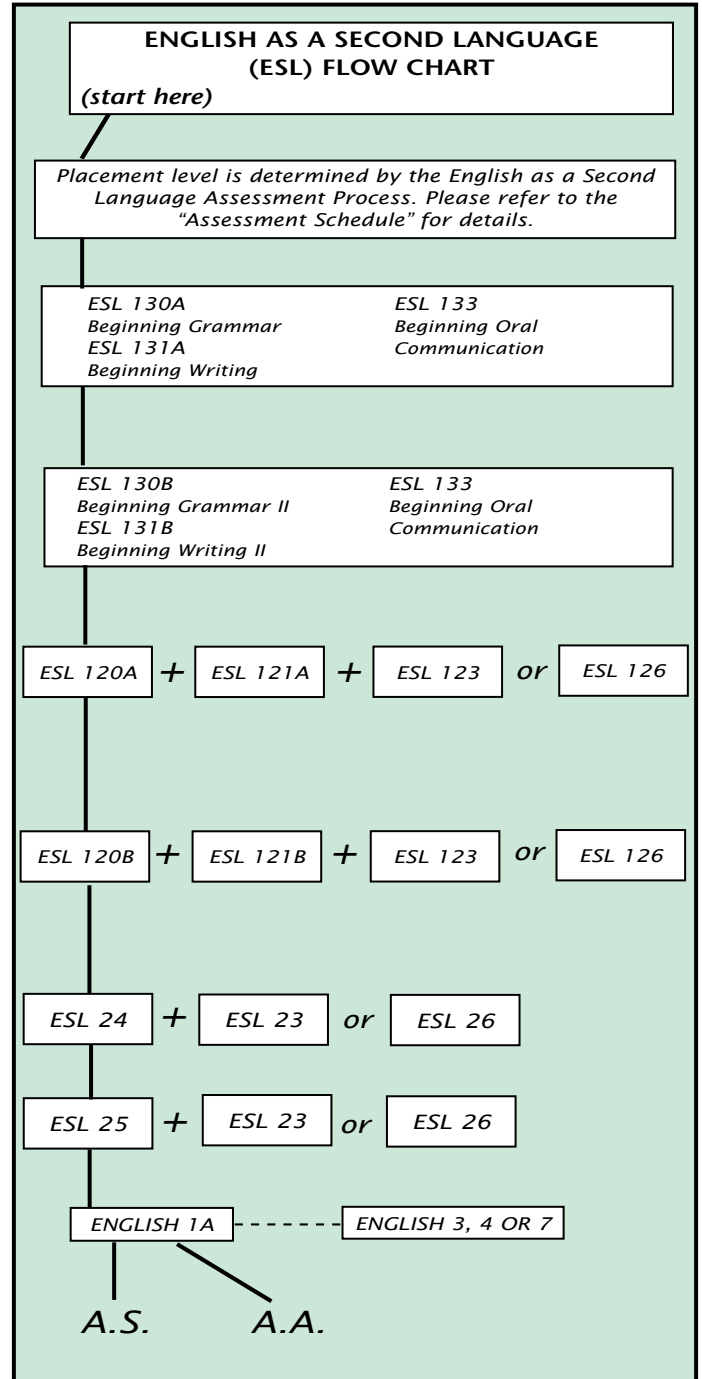
This is the first semester of a one-year course in beginning grammar for academic purposes designed to enable students to identify and use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on simple and compound sentences, questions, modifiers, phrases, 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 or 136. 3 hours lecture.

Day	32527	Tue	8:30-11:40	402	MC GURK	02/03-05/29	OP	LS1
ESL 130A-LS1 is a late start course that meets from Feb 3 – May 29.								
Eve	32528	Fri	6:00-9:20	2470	STAFF	02/06-05/29	OP	LS2
ESL 130A-LS2 is a late start course that meets from Feb 6 – May 29.								

**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 133B.

Day	32529	Th	8:30-11:40	402	MC GURK	02/05-05/29	OP	LS1
ESL 130B-LS1 is a late start course that meets from Feb 5 – May 29.								
Eve	32530	Fri	6:00-9:20	2480	STAFF	02/06-05/29	OP	LS2
ESL 130B-LS2 is a late start course that meets from Feb 6 – May 29.								





**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 133A.

Day	31033	MW	8:30-11:55	4127	BAXTER	02/04-05/29	P/N	LS1
	Lab	Mon	12:05-1:05	600		02/04-05/29	P/N	

ESL 131A-LS1 is a late start course that meets from Feb 4 – May 29.

Eve	31034	MW	6:00-9:25	402	STAFF	02/04-05/29	P/N	LS2
	Lab	Mon	4:50-5:50	600		02/04-05/29	P/N	

ESL 131A-LS2 is a late start course that meets from Feb 4 – May 29.

**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 133B.

Day	30332	MW	8:30-11:55	900	PAYNE	02/04-05/29	P/N	LS1
	Lab	Wed	12:05-1:05	600		02/04-05/29	P/N	

ESL 131B-LS1 is a late start course that meets from Feb 4 – May 29.

Eve	31035	MW	6:00-9:25	204	STAFF	02/04-05/29	P/N	LS2
	Lab	Wed	4:50-5:50	600		02/04-05/29	P/N	

ESL 131B-LS2 is a late start course that meets from Feb 4 – May 29.

**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.

Day	30852	Fri	9:30-11:30	505	MC GURK	02/06-05/29	P/N	LS1
	Lab	Fri	11:40-12:40	505		02/06-05/29	P/N	

ESL 133-LS1 is a late start course that meets from Feb 6 – May 29.

## 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. Eligibility for English 1A.

Day	32599	TTh	11:00-12:15	1872	ANSELL	01/20-05/29	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).

Eve	30405	Mon	7:15-10:25	801	FREENEN	01/20-05/29	GR	093
	Lab	Sun	9.0 hrsTBA	tba		04/26 only		
	Lab	Sat	9.0 hrsTBA	tba		05/02 only		

FST 50-093 has two labs April 26 and May 2, totaling 18 hours of lab.

**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 firefighting, wildland firefighting, and hazardous material emergencies, and safety conditions to be considered. Prerequisite: FST 50.

Eve	30216	Th	7:00-9:50	203	TORRES	01/20-05/29	GR	093
	Lab	Sat	6.0 hrsTBA	tba		05/16 only		

FST 51-093 has one Saturday lab, May 16, totaling 6 hours of lab.

**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.

Day	30671	Fri	9:30-12:20	801	JOHANSEN	01/20-05/29	GR	V01
	Lab	Sun	6.0 hrsTBA	tba		04/12 only		
	Lab	Sat	6.0 hrsTBA	tba		04/18 only		

FST 52-V01 has two labs, April 12 and April 18, totaling 12 hours of lab.

**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.

Day	30743	Fri	1:00-4:00	801	ZOLFARELLI	01/20-05/29	GR	V01
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**FST 54 FIRE PREVENTION TECHNOLOGY 3.0 Units**

Provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation and fire safety education. Provides skills necessary for California Fire Service Training and Education System, Certified Firefighter I and Fire Inspector I. Prerequisite: FST 50 (completed with a grade of "C" or better).

Eve	30215	Wed	7:30-10:20	801	JOHANSEN	01/20-05/29	GR	093
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**FST 56 FUND OF BLD CONSTR/FIRE PROTEC 3.0 Units**

This course is the study of the components of building construction that relate to fire/life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at fires/collapse emergencies. The development and evolution of building and fire codes will be studied in relationship to past fire/collapses in residential, commercial, and industrial occupancies. Prerequisite: FST 50.

Eve 30406 Wed 4:30-7:20 801 JOHANSEN 01/20-05/29 OP 093

**FST 65 FIRST RESPOND HAZ MAT/INCIDENT 3.0 Units**

Hazard recognition and identification; incident response safety procedures and decontamination. Response to hazardous materials emergencies. Emphasis on skills and knowledge necessary to protect lives, property, and the environment. Meets the California Specialized Training Institute's requirements for Hazardous Materials First Responder Operational Awareness and Hazmat First Responder "Decon" Certifications under California Government Code Section 1503. Principles of Incident Command System, basic ICS structure and common responsibilities. Meets the State Fire Marshall's Office ICS 200 Certification Requirement. Strongly recommended: FST 53.

Eve 30559 Tue 7:00-9:50 801 JOHANSEN 01/20-05/29 GR 093

Lab Sun 8.0 hrsTBA tba 05/03 only

FST 65-093 has one Sunday lab, May 3 totaling 8 hours of lab.

FST 65-093 is a course that provides three State Approved Certifications. ICS 200 "Basics" with the State Fire Marshals Office, State Fire Training FSTEP and two Certifications from the California State Training Institute (CSTI) associated with CAL EMA, "Hazardous Materials First Responders Awareness/Operations" and "First Responder Operations-Decon." Students will be assessed a \$30 fee at registration for the State Fire Marshal, State Fire Training FSTEP Certification and the two California State Training Institute, CSTI Certifications.

**FST 86A CALFIRE BASIC FIREFIGHTR 5.0 Units**

A basic structural and wildland firefighting course oriented toward entry-level employment in agencies responsible for Wildland Fire Mitigation and Interface I-Zone Fire Protection. Emphasis on equipment utilized on CAL FIRE Engines (formerly California Department of Forestry). Meets minimum requirements for seasonal employment with CAL FIRE. Course emphasizes demonstration, student application and performance examinations. Fundamentals of wildland fire control and techniques of controlling other emergency incidents covered with a strong safety perspective. Various live fire exercises for application of fire control and suppression techniques. Provides for S130, S131 and S190 equivalency under National Wildfire Coordinating Group (NWCG). Students completing this course, the prerequisite courses, and the CAL FIRE "Firefighter Basic Training" Taskbook course meet the 2010 CAL FIRE 179 Hour "CAL FIRE Basic Firefighter" certification requirements. Course complies with the State Board of Structural Firefighter I Certification. Prerequisites: FST 50, FST 65, PE FSC, EMS 61 (all completed with grade of "C" or higher).

Day 32831 Su TTh 8:00-5:00 801 STAFF 05/05-06/15 OP LSI

FST 86A-LSI is a Late Start course that meets from May 5 - June 16.

## 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.

Eve 31616 MW 7:00-9:15 1873 STAFF 01/20-05/29 OP 093

**FREN IB ELEMENTARY FRENCH 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 French 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: FREN 1A (completed with a grade of "C" or higher) or equivalent. CAN FREN 4

Day 30306 MWF 11:00-12:25 4138 STAFF 01/20-05/29 OP V01

## GENERAL STUDIES

**GNST 9 COLLOQUIUM-GENERAL STUDIES 1.0 Units**

Eve 32739 Mon 5:00-6:50 1641 KLASCHUS 01/20-05/29 OP 093

## 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).

Day 30029 MW 9:30-10:45 2420 ORF 01/20-05/29 GR V01

Day 30742 TTh 2:00-3:15 1826 HASTY 01/20-05/29 GR V02

Eve 30716 Mon 7:00-10:00 1826 ACKERMAN 01/20-05/29 GR 093

Web 31065 By Arr 3.0 Hrs/Wk ONLINE ORF 01/20-05/29 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 32531 By Arr 3.0 Hrs/Wk ONLINE ORF 01/20-05/29 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 IL 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).

Day 30300 Lab Fri 9:00-12:00 1828 MORGAN 01/20-05/29 GR V01

Eve 30717 Lab Wed 7:00-9:50 1828 ORF 01/20-05/29 GR 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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**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 30949 TTh 11:00-12:15 1826 HASTY 01/20-05/29 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 30597 MW 11:00-12:15 1826 ORF 01/20-05/29 GR V01

**GEOG 8 INTRO TO WEATHER AND CLIMATE 3.0 Units**

Introduction to the Earth's atmosphere: topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate and climate change.

Day 32151 TTh 12:30-1:45 1826 HASTY 01/20-05/29 OP V01

**GEOG 15 INTRODUCTION TO GIS 3.0 Units**

Study of Geographic Information Systems (GIS) science and its applications to spatial data management. Identification and acquisition of GIS data. Assessment of vector and raster systems, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). Spatial analysis and modeling with GIS.

Eve 32193 Wed 7:00-9:50 1859 MORGAN 01/20-05/29 OP 093

## GEOLOGY

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

Day 30714 MW 12:30-1:45 2420 HANNA 01/20-05/29 OP V01

Web 30715 By Arr 3.0 Hrs/Wk ONLINE HANNA 01/20-05/29 OP DE1

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>.

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

Day 30718 Lab Tue 2:00-4:50 1828 HANNA 01/20-05/29 OP V01

Day 30719 Lab Wed 9:00-11:50 1828 LACHAPPELLE 01/20-05/29 OP V02

Eve 30720 Lab Th 7:00-9:50 1828 CHRISTEN 01/20-05/29 OP 093

**GEOLOG 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.

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

Day 31036 MW 2:00-3:15 1826 LACHAPPELLE 01/20-05/29 OP V01

Web 30139 By Arr 3.0 Hrs/Wk ONLINE HANNA 01/20-05/29 OP DE1

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>.

**GEOLOG 12L INTRO TO OCEANOGRAPHY LAB 1.0 Units**

Laboratory course to supplement the oceanography lecture course. Introduction to the materials and techniques of oceanic science. Includes sea floor rocks, oceanic geography, bathymetric maps, seismic reflection, seawater physics and chemistry, beach sand, tides, waves, marine life and marine fossils, sea floor spreading rates, etc. Prerequisite: Geology 12 lecture (may be taken concurrently).

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

Day 30399 Lab Mon 9:00-12:00 1828 LACHAPPELLE 01/20-05/29 OP V01

Day 31037 Lab Th 12:30-3:20 1828 CHRISTEN 01/20-05/29 OP V02

## 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 32040 MW 8:00-9:15 2204 SAPSFORD 01/20-05/29 OP V01

Day 30528 MW 11:00-12:15 2204 POLOKOFF 01/20-05/29 OP V02

Day 30527 MW 2:00-3:15 PE212 NAVARRO 01/20-05/29 OP V03

Day 30907 TTh 9:30-10:45 2204 CRAIGHEAD 01/20-05/29 OP V04

Day 30624 TTh 12:30-1:45 PE212 STAFF 01/20-05/29 OP V05

Eve 30682 Mon 6:00-9:00 PE209 FRIED 01/20-05/29 OP 093

Web 30195 By Arr 3.0 Hrs/Wk ONLINE HOPKINS KUR 01/20-05/29 OP DE1

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>.

(HLTH I CONTINUES)

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
Web	30411	By Arr	3.0 Hrs/Wk	ONLINE	HOPKINS KUR	01/20-05/29	OP DE2	
<p><b>HLTH 1-DE2</b> 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>.</p>								
Web	30448	By Arr	3.0 Hrs/Wk	ONLINE	HOPKINS KUR	01/20-05/29	OP DE3	
<p><b>HLTH 1-DE3</b> 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>.</p>								
Web	32081	By Arr	3.0 Hrs/Wk	ONLINE	HOPKINS KUR	01/20-05/29	OP DE4	
<p><b>HLTH 1-DE4</b> 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>.</p>								
Web	32908	By Arr	3.0 Hrs/Wk	ONLINE	HOPKINS KUR	01/20-05/29	OP DE5	
<p><b>HLTH 1-DE5</b> 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>.</p>								

**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	31251	MW	9:30-10:45	1874	NAVARRO	01/20-05/29	OP	V01
Eve	32535	Tue	6:00-8:50	PE209	FRIED	01/20-05/29	OP	093

## 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	31280	Th	7:00-9:50	2420	STAFF	01/20-05/29	GR	093
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## HISTORY

**HIST 1 WESTERN CIVILIZATION TO 1600 3.0 Units**

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

Day	32153	TTh	11:00-12:15	2470	STAFF	01/20-05/29	GR	V01
Eve	30400	Tue	7:00-9:50	2460	STAFF	01/20-05/29	GR	093

Web 31544 By Arr 3.0 Hrs/Wk ONLINE RUTKOWSKY 01/20-05/29 GR DE1  
**HIST 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>.

**HIST 2 WESTERN CIVILIZATION SINCE 1600 3.0 Units**

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

Day	30726	TTh	11:00-12:15	2490	MC ELDERRY	01/20-05/29	GR	V01
Day	31543	MW	8:00-9:15	2201	MC ELDERRY	01/20-05/29	GR	V02

Web 32154 By Arr 3.0 Hrs/Wk ONLINE GOUVEIA 01/20-05/29 GR DE1  
**HIST 2-DE1** is an online course. For more information, see the section titled in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**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	30876	MW	9:30-10:45	2490	MC ELDERRY	01/20-05/29	GR	V01
Day	30034	MW	11:00-12:15	2490	STEINBERG	01/20-05/29	GR	V02
Day	31051	MW	12:30-1:45	203	STEINBERG	01/20-05/29	GR	V03
Day	30319	TTh	8:00-9:15	2490	MC ELDERRY	01/20-05/29	GR	V04
Day	30033	TTh	9:30-10:45	2205	HIGDON	01/20-05/29	GR	V05
Day	30908	TTh	2:00-3:15	2205	STAFF	01/20-05/29	GR	V06
Eve	30656	Wed	4:00-6:50	2204	EDEN	01/20-05/29	GR	093
Eve	30035	Th	7:00-9:50	2205	STEINBERG	01/20-05/29	GR	094

Web 30529 By Arr 3.0 Hrs/Wk ONLINE HIGDON 01/20-05/29 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 30934 By Arr 3.0 Hrs/Wk ONLINE HIGDON 01/20-05/29 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	30669	MW	9:30-10:45	2450	WEMEIER	01/20-05/29	GR	V01
Day	30877	MW	11:00-12:15	2450	BENGIVENO	01/20-05/29	GR	V02
Day	30036	MW	2:00-3:15	2490	WEMEIER	01/20-05/29	GR	V03
Day	31050	TTh	9:30-10:45	2450	BENGIVENO	01/20-05/29	GR	V04
Day	30301	TTh	12:30-1:45	2450	BENGIVENO	01/20-05/29	GR	V05
Day	30037	TTh	2:00-3:15	2450	CARTER	01/20-05/29	GR	V06
Eve	30038	Tue	7:00-9:50	2205	MC ELDERRY	01/20-05/29	GR	093
Eve	30942	Wed	7:00-9:50	2205	ADAMS	01/20-05/29	GR	094

Web 30355 By Arr 3.0 Hrs/Wk ONLINE MCCOY 01/20-05/29 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 30935 By Arr 3.0 Hrs/Wk ONLINE MCCOY 01/20-05/29 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>.

Web 32697 By Arr 3.0 Hrs/Wk ONLINE BENGIVENO 01/20-05/29 OP DE3  
**HIST 8-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>.

**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	30389	MW	12:30-1:45	2470	MC ELDERRY	01/20-05/29	OP	V01
Web	30563	By Arr	3.0 Hrs/Wk	ONLINE	RUTKOWSKY	01/20-05/29	OP	DE1

**HIST 14-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>.

**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 30289 MW 11:00-12:15 2470 WEMEIER 01/20-05/29 OP V01

**HIST 28 HISTORY OF AMERICAN WEST 3.0 Units**

A history of the trans-Mississippi West of the United States. Emphasis will be placed on Native American history and cultures, European and Anglo-American frontiers, expansion of the United States in the 19th century, and the interaction of Native American, European American, Asian American, African American and Hispanic American peoples, and the significance of the West in American history.

Day 31899 MW 12:30-1:45 PE212 RUTKOWSKY 01/20-05/29 OP V01

**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 30657 TTh 11:00-12:15 2450 BENGIVENO 01/20-05/29 OP V01

Day 31900 MW 12:30-1:45 2450 BENGIVENO 01/20-05/29 OP V02

## HORTICULTURE

**HORT 57 LANDSCAPE AND TURFGRASS MGMT 2.0 Units**

Principles and practices of landscape and turfgrass management as practiced by horticultural professionals, landscape contractors, and grounds keepers. Preparation, planting, irrigation, fertilization, pruning, and pest control of landscape developments for residential, commercial, public grounds, golf courses, and gardens.

Eve 32654 Wed 6:00-7:30 802 FULLER 01/20-05/29 GR 093

Lab Wed 7:30-8:30 802 01/20-05/29 GR

Lab Sat 10:00-2:00 802 03/28 only

Lab Sat 10:00-2:00 802 05/02 only

**HORT 62 CALIF NATIVE & DRY LANDSCAPES 2.0 Units**

This course examines the native plant communities of California and identifies native plants suitable for the design and installation of dry landscapes in Northern California. The focus of this course is the planning, design, installation, care, and maintenance of drought tolerant landscapes, with the goal of creating more sustainable landscapes.

Eve 32655 Mon 6:00-7:30 802 FROST 01/20-05/29 OP 093

Lab Mon 7:30-8:30 802 01/20-05/29 OP

Lab Sat 10:00-2:00 802 03/14 only

Lab Sat 10:00-2:00 802 04/18 only

## 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 30323 TTh 12:30-1:45 2490 CHIOLIS 01/20-05/29 GR V01

*HUMN 3-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.*

**HUMN 6 NATURE AND CULTURE 3.0 Units**

An examination of the aesthetic value of the natural environment leading to the development of an individual critical aesthetic of the natural world. Studies in visual art, including painting, photography, sculpture, land art, mixed media, film, literature, and music.

Day 31252 TTh 11:00-12:15 2204 KLASCHUS 01/20-05/29 GR V01

*HUMN 6-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.*

**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 30615 TTh 2:00-3:15 802 CHIOLIS 01/20-05/29 OP V01

*HUMN 10-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 30945 Wed 4:00-6:50 2450 KLASCHUS 01/20-05/29 OP 093

*HUMN 10-093 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.*

**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 30328 MW 12:30-1:45 2480 KLASCHUS 01/20-05/29 GR V01

*HUMN 28-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 31665 By Arr 3.0 Hrs/Wk ONLINE FAIRWEATHER 01/20-05/29 GR DE1

*HUMN 28-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>*

**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 30616 TTh 2:00-3:15 2420 KLASCHUS 01/20-05/29 GR V01

*HUMN 44-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.*

## INTERIOR DESIGN



**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	32520	Tue	5:30-7:20	802	FENCHEL	01/20-05/29	OP	093
Lab		Tue	7:30-10:20	802		01/20-05/29	OP	

**INTD 52 HIST OF INTERIORS/FURNISHINGS 3.0 Units**

A survey of the history of interiors and furnishings from Egyptian period to the present. Emphasis on furniture styles and ornamentation.

Eve	32698	Mon	6:30-9:20	2470	HORNBECK	01/20-05/29	OP	093
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**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	32699	Th	6:30-9:20	802	FENCHEL	01/20-05/29	OP	093
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**INTD 61 COMPUTER AIDED DESIGN 3.0 Units**

Introduction to basic techniques in computer aided design for interior design, with emphasis on user terminology and hands-on learning. How to set up drawings, dimensioning systems appropriate to architecture. Floor plans, details, drawings and other techniques using the computer.

Day	31061	MW	4:00-4:50	2412	HORNBECK	01/20-05/29	OP	V01
Lab		MW	5:00-6:15	2412		01/20-05/29	OP	

## 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.

Eve	32163	MWF	6:00-7:15	203	DUNBAR	01/20-05/29	OP	093
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**ITLN 1B ELEMENTARY ITALIAN 5.0 Units**

This is the second semester of the introductory level course and will enable students to continue learning to speak, read and write elementary level Italian 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: Italian 1A (completed with a grade of "C" or higher) or equivalent.

Day	30664	MWF	9:30-10:50	507	MOLTENI	01/20-05/29	OP	V01
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## KINESIOLOGY - ADAPTIVE -

**KIN AWT ADAPTED WEIGHT TRAINING 1.0 Units**

An opportunity for students with disabilities to improve muscle strength and endurance through the correct application of sound training principles. This class is designed for students with limitations that are directly related to their verified physical or mental disability. Students must have a current clearance from their doctor to participate in this class. An individual exercise program will be developed by the instructor and student to meet the students goals.

Day	32707	TTh	9:30-10:45	PE104	STAEDEL	01/20-05/29	OP	V01
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## KINESIOLOGY - AQUATICS -

**KIN LG LIFE GUARDING 1.5 Units**

This course is designed to provide the students with the knowledge and skills to prevent, recognize and respond to emergencies and to provide care for injuries and sudden illness until emergency medical services arrive and take over. Upon successful completion of the Lifeguarding course requirements and exams, students will earn American Red Cross certificates. The Lifeguarding/First Aid certificates are valid for three (3) years, and the CPR/AED portion is valid for one (1) year. The student must be 15 years of age on or before the final scheduled session of the course. Strongly recommended: Physical Education SWF (Swimming for Fitness) or Physical Education SWA (Advanced Swimming). 1 hour lecture, 1.5 hours laboratory. [Typical contact hours: lecture 17.5, laboratory 26.25]

*Material fee of \$35 associated with this class.*

Day	32182	Lab Sat	8:00-1:00	POOL1	FAIX	02/28-03/28	OP	LS1
		Sat	1:30-4:50	PE104		02/28-03/28	OP	

*KIN LG-LS1 meets on: Feb 28, March 7, 14, 21, 28 from 8:00am-11:50am*

**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	32708	TTh	8:00-9:15	POOL2	CRAIGHEAD	01/20-05/29	OP	V01
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**KIN SWF4 SWIMMING FOR FITNESS 4 1.0 Units**

This is an intermediate level swim fitness course with an emphasis in distance training. This course will teach the student about the different aspects of distance training for freestyle as they relate to specific race distances: 800/1500 meters and 1000/1650 yards. Instruction will also include an introduction to open water swimming techniques and strategies.

Day	32709	TTh	8:00-9:15	POOL2	CRAIGHEAD	01/20-05/29	OP	V01
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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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## KINESIOLOGY - COMBATIVES -

### KIN TK1 TAE KWON DO I 1.0 Units

A beginning level self-defense course designed to teach fundamental techniques of Taekwondo. Developing basic techniques in kicking, punching and sparring, the course will introduce concepts of fitness and cardio-respiratory conditioning achieved through participating in Taekwondo. This course is structured as a martial arts class.

Day 32710 MW 11:00-12:15 PE213 YOON 01/20-05/29 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. 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 KIN TK1.

Day 32058 MW 11:00-12:15 PE213 YOON 01/20-05/29 OP V02

## KINESIOLOGY - DANCE -

### KIN SD SALSA DANCE I 1.0 Units

An introductory course in salsa music and the basics of salsa dance. Various patterns will be introduced, allowing students to improve their technique and develop a strong awareness of the rhythm of the dance. No partner required.

Eve 32078 TTh 6:30-7:45 PE143 VALVERDE 01/20-05/29 OP 093

## KINESIOLOGY - FITNESS -

### KIN AFG AEROBIC FITNESS GYM 1.0 Units

The Aerobic Fitness Gym course will present and implement the fundamental principles of Cardio/Aerobic Fitness training. Methods of assessing and monitoring aerobic intensity will be discussed and documented in class. The health and fitness benefits of cardio/aerobic conditioning will be presented. A variety of aerobic gym equipment will be used to achieve cardiopulmonary fitness and healthy body composition.

Day 32711 TTh 11:00-12:15 PE203 BROWN 01/20-05/29 OP V01

### KIN BCI BOOT CAMP I - FLEX/CORE DEV 1.0 Units

Improve flexibility and core development (thus providing stability to our movements) through a variety of drills and military style movements. Functional training delivered in an intense environment.

Day 32050 TTh 8:00-9:15 PE101 KARTER 01/20-05/29 OP V01

Eve 32052 TTh 5:00-6:15 PE143 BROWN 01/20-05/29 OP 093

### KIN BC3 BOOT CAMP FOR POWER & STRENGTH 1.0 Units

Improve muscle strength & power through a variety of drills and military style movements. Functional training delivered in an intense environment.

Day 32712 TTh 8:00-9:15 PE143 KARTER 01/20-05/29 OP V01

Eve 32874 TTh 5:00-6:15 PE143 BROWN 01/20-05/29 OP 093

### KIN BX BOX AEROBICS 1.0 Units

Course is designed to give the student an opportunity to experience a combination of martial arts and aerobic exercise for the benefit of physical fitness. Exercises will include jumping rope, push-ups, abdominal work, cardiovascular exercise, strength training and toning exercises, box aerobics drills and stretching.

Day 31504 MW 12:30-1:45 PE102 YOON 01/20-05/29 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 31505 Mon 4:15-7:15 1871 KRAUSE 01/20-05/29 OP 093

Sat 6.0 hrsTBA tba 05/16 only

*KIN FSC-093 will meet for one six-hour Saturday meeting on Saturday May 16.*

### 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 32090 MW 8:00-9:15 TRACK SMYTH 01/20-05/29 OP V01

Eve 32056 TTh 5:00-6:15 TRACK NAVARRO 01/20-05/29 OP 093

### KIN FW3 FITNESS WALKING 3 1.0 Units

This is an advanced walking course that involves intensive training. The purpose is to prepare the student to be competitive in extracurricular race events. Emphasis will be on speedwork and hill training. Strongly recommended: KIN FW1 (*completed with a grade of "C" or higher*).

Day 32713 MW 8:00-9:15 TRACK SMYTH 01/20-05/29 OP V01

Eve 32714 TTh 5:00-6:15 TRACK NAVARRO 01/20-05/29 OP 093

### 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 32100 MW 8:00-9:15 PE143 KARTER 01/20-05/29 OP V01

Day 32072 TTh 12:30-1:45 PE143 NAVARRO 01/20-05/29 OP V03

### KIN HHA HIP HOP AEROBICS 1.0 Units

This course is designed to give a vigorous full-body workout with choreographed dance moves to hip hop/club music. Hip hop dance is an alternate form of exercise that helps improve and maintain the shape of one's body, burn calories, and strengthen immune system in a low pressure, safe, and fun environment. Will include low and high impact aerobics.

Day 32715 TTh 2:00-3:15 PE143 VALVERDE 01/20-05/29 OP V01

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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**KIN 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 32047 By Arr 2.0 Hrs/Wk ONLINE NAVARRO 01/20-05/29 OP DE1**  
*KIN PF-DE1 is a hybrid course. All class meetings will be online, EXCEPT on the following dates, when students are required to meet on campus in Room PE104 for a pre-assessment and orientation; either Wed, Jan. 22 from 5:45-6:45pm -OR- Thur. Jan. 23 from 5:45-6:45pm. The post-fitness assessment will be held on campus May 21 from 5:45-6:45pm in PE104. Students must log into Blackboard on Jan. 21 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 32716 By Arr 2.0 Hrs/Wk ONLINE NAVARRO 01/20-05/29 OP DE2**  
*KIN PF-DE2 is a hybrid course. All class meetings will be online, EXCEPT on the following dates, when students are required to meet on campus in Room PE104 for a pre-assessment and orientation; either Wed, Jan. 22 from 7:00-8:00pm -OR- Thurs. Jan. 23 from 7:00-8:00pm. The post-fitness assessment will be held on campus May 21 from 7:00-8:00pm in PE104. Students must log into Blackboard on Jan. 21 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	32717	TTh	8:00-9:15	PE213	WILSON	01/20-05/29	OP	V01
Day	32718	MW	3:30-4:45	PE213	WILSON	01/20-05/29	OP	V02

**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	32088	TTh	8:00-9:15	PE213	WILSON	01/20-05/29	OP	V01
Day	32089	MW	3:30-4:45	PE213	WILSON	01/20-05/29	OP	V02

**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	32719	MW	8:00-9:15	PE202	KARTER	01/20-05/29	OP	V01
Day	32720	TTh	9:30-10:45	PE202	SMYTH	01/20-05/29	OP	V02
Day	32721	MW	11:00-12:15	PE202	SMYTH	01/20-05/29	OP	V03
Day	32722	TTh	12:30-1:45	PE202	SMYTH	01/20-05/29	OP	V04
Day	32872	MW	2:00-3:15	PE202	SMYTH	01/20-05/29	OP	V05
Eve	32723	MW	5:30-6:45	PE202	BROWN	01/20-05/29	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	32061	MW	8:00-9:15	PE202	KARTER	01/20-05/29	OP	V01
Day	32062	TTh	9:30-10:45	PE202	SMYTH	01/20-05/29	OP	V03
Day	32063	MW	11:00-12:15	PE202	SMYTH	01/20-05/29	OP	V04
Day	32064	TTh	12:30-1:45	PE202	SMYTH	01/20-05/29	OP	V05
Day	32065	MW	2:00-3:15	PE202	SMYTH	01/20-05/29	OP	V06
Eve	32091	MW	5:30-6:45	PE202	BROWN	01/20-05/29	OP	094

**KIN WTW2 WOMEN'S 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 better).

Day	32724	MW	12:30-1:45	PE203	STAFF	01/20-05/29	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	32725	MW	8:00-9:15	PE213	WILSON	01/20-05/29	OP	V01
Day	32726	MW	9:30-10:45	PE213	WILSON	01/20-05/29	OP	V02
Day	32727	TTh	12:30-1:45	PE213	RHEINHEIMER	01/20-05/29	OP	V03
Day	32728	MW	2:00-3:15	PE213	WILSON	01/20-05/29	OP	V04
Day	32729	TTh	3:00-4:15	PE213	MANNING	01/20-05/29	OP	V05
Eve	32730	MW	6:00-7:15	PE213	MANNING	01/20-05/29	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	32066	MW	8:00-9:15	PE213	WILSON	01/20-05/29	OP	V01
Day	32067	MW	9:30-10:45	PE213	WILSON	01/20-05/29	OP	V02
Day	32068	TTh	12:30-1:45	PE213	RHEINHEIMER	01/20-05/29	OP	V03
Day	32092	MW	2:00-3:15	PE213	WILSON	01/20-05/29	OP	V04
Day	32188	TTh	3:00-4:45	PE213	MANNING	01/20-05/29	OP	V05
Eve	32069	MW	6:00-7:15	PE213	MANNING	01/20-05/29	OP	093

## KINESIOLOGY - INDIVIDUAL SPORTS -

**KIN BD2 BADMINTON 2 0.5 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	32871	TTh	11:00-12:15	PE101	SMYTH	01/20-05/29	OP	V01
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D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
	<b>KIN BD3 BADMINTON 3 1.0 Units</b>									<b>KIN 50 INTERCOLLEGIATE SWIMMING/DIVI 2.0 Units</b>							
	Badminton strategy for singles and doubles play. The play will be examined. Strongly Recommended: KIN BD2.									This course is for intercollegiate swimming and diving competition conducted through the NCAA and the CCCAA. Strongly recommended: KIN SW3 and KIN SWF1 (both completed with a grade of "C" or better).							
Day	32731	TTh	11:00-12:15	PE101	SMYTH	01/20-05/29	OP	V01	Day	31501	MTWTh	5:30-7:20	POOL2	CRAIGHEAD	01/20-05/29	GR	V01
	<b>KIN FN2 FENCING 2 1.0 Units</b>																
	This course is an introduction to epee. Emphasis is on the technical and tactical skills unique to epee fencing. Basic skills include the development of correct footwork, precise blade action, and sound tactical decisions.																
Day	32053	TTh	2:00-3:15	PE102	RHEINHEIMER	01/20-05/29	OP	V01									

## KINESIOLOGY - INTERCOLLEGIATE ATHLETICS -

	<b>KIN 31C SPRING INTERCOL BASKETBALL-MEN 1.0 Units</b>									<b>KIN BKP BASKETBALL ADVANCED PLAY 1.0 Units</b>							
	Training for intercollegiate competition. Daily practice. Spring semester.									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: KIN BK Basketball.							
Day	32048	Daily	3:00-4:50	PE101	RORK	01/20-05/29	GR	FT1??	Eve	31503	Tue	5:30-8:20	PE101	SAPSFORD	01/20-05/29	OP	093
	<b>KIN 31D OFF SEAS INTERCOL MENS BSKTBL 1.0 Units</b>									<b>KIN FL1 FLAG FOOTBALL I 1.0 Units</b>							
	Students will practice the skills of passing, dribbling, shooting, cutting, screening and defensive fundamentals that are necessary for competitive basketball play. Students will learn the governing rules of basketball, learn the appropriate terminology used in basketball and the safety procedures related to the game.									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	32732	TWTh	3:00-4:50	PE101	STAFF	03/17-05/29	OP	V01??	Day	32873	MW	11:00-12:15	SYNTH	CRAIGHEAD	01/20-05/29	OP	V01
	<i>KIN 31D-FT1 is a Fast Track course that meets from Mar 17-May 29.</i>									<b>KIN FL2 FLAG FOOTBALL 2 1.0 Units</b>							
	<b>KIN 38C OFF SEASON INTERCOL SOCCER-MEN 1.0 Units</b>									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.							
	Students will learn and develop the advanced outdoor soccer skills of kicking, passing and conditioning necessary for playing field soccer at an intercollegiate level. Students will learn the rules governing outdoor soccer play.									Day 32054 MW 11:00-12:15 SYNTH CRAIGHEAD 01/20-05/29 OP V01							
Day	32076	TTh	2:30-3:50	SYNTH	STAFF	01/20-05/29	GR	V01		<b>KIN FSI INTRODUCTION TO FUTSAL 1.0 Units</b>							
	<b>KIN 41C INTERCOLLEGIATE BSKTBL WOMEN 1.0 Units</b>									This is an introductory course designed to review and practice the basic fundamental skills relative to the game of Futsal. Students will learn the basic rules of Futsal, which is a derivative of soccer and played with five-player teams on a basketball court, with no walls and a low bouncing ball.							
	Training for intercollegiate competition. Daily practice. Spring semester.									Eve 32055 Mon 5:30-8:30 PE101 SAPSFORD 01/20-05/29 OP 093							
Day	32049	Daily	1:00-2:50	PE101	MORGAN	01/20-03/13	GR	FT1		<b>KIN FS2 ADVANCED FUTSAL 1.0 Units</b>							
	<i>KIN 41C-FT1 is a Fast Track course that meets from Jan 20-Mar 13.</i>									This is an intermediate/advanced course. Students will learn, practice and play Futsal, with an emphasis on positions, strategies, skills and movements used in this game. Strongly Recommended: KIN FSI (completed with a grade of "C" or better).							
	<b>KIN 41D OFF SEA INTERCOL WOMENS BSKBL 1.0 Units</b>									Eve 32735 Mon 5:30-8:30 PE101 SAPSFORD 01/20-05/29 OP 093							
	Students will practice the skills of dribbling, passing, shooting and defense necessary for competitive basketball play; put into practice the governing rules of basketball; learn about the appropriate terminology used in basketball and the safety procedures related to the game.									<b>KIN SC2 OUTDOOR SOCCER 1.0 Units</b>							
Day	32079	TWTh	1:00-2:50	PE101	MORGAN	03/17-05/29	GR	LSI		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.							
	<i>KIN 41D-LSI is a Late Start course that meets from Mar 17-May 29.</i>									Day 32057 TTh 12:30-1:45 SYNTH SAPSFORD 01/20-05/29 OP V01							
	<b>KIN 48C OFF SEASON INTE WOMEN SOCCER 1.0 Units</b>									<b>KIN UF3 ULTIMATE FRISBEE 3 1.0 Units</b>							
	Students will practice the skills of kicking, passing, trapping and heading necessary for controlled outdoor soccer play; put into practice the rules governing outdoor soccer play; learn about the appropriate terminology used in soccer and the safety procedures related to the soccer game.									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.							
Day	32077	MW	1:00-2:15	SYNTH	SAPSFORD	01/20-05/29	GR	V01	Eve	32736	Mon	6:00-9:00	SYNTH	KARTER	01/20-05/29	OP	093

## KINESIOLOGY - TEAM SPORTS -



**KIN UF4 ULTIMATE FRISBEE 4 1.0 Units**  
 This is an advanced level course designed to prepare students for tournament play in the sport of ultimate frisbee. Instruction will include increasing a strong emphasis on physical conditioning: agility, speed, and endurance. Instruction will also include game management and coaching philosophy. Strongly Recommended: KIN UF3 (completed with a grade of "C" or better).

Eve 32737 Mon 6:00-9:00 SYNTH KARTER 01/20-05/29 OP 093

**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 32060 MW 9:30-10:45 PE101 SMYTH 01/20-05/29 OP V01

**KIN VB3 VOLLEYBALL ADVANCED 1.0 Units**  
 Advanced techniques of volleyball with emphasis on competitive play. Strongly Recommended: KIN VB2 (completed with a grade of "C" or better).

Day 32738 MW 9:30-10:45 PE101 SMYTH 01/20-03/13 OPV01??

*KIN VB3-FT1 is a Fast Track course that meets from Jan 20-Mar 13.*

**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 32870 MW 9:30-10:45 801 CRAIGHEAD 01/20-05/29 OP 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 30341 Th 9:00-10:55 1640 SCHOENECKER 03/23-05/21 P/N FT2

*LRNS 116-FT2 is a Fast Track course that meets from Mar 23-May 21.*

Eve 30314 Mon 5:30-7:40 1640 SCHOENECKER 01/20-03/20 P/N FT1

*LRNS 116-FT1 is a Fast Track course that meets from Jan 20-Mar 20.*

**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 32204 MW 10:30-11:20 1640 SCHOENECKER 01/20-05/29 P/N 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.

*This course is designed as a support for students taking Math 107 or 65 (including the Math X courses).*

Day 32205 Wed 4:30-6:20 1640 SCHOENECKER 01/20-05/29 P/N V01

## LIBRARY SKILLS

**LIBR 6 INTRO SPEC RESEARCH DATABASES 0.5 Units**  
 Introduction to research techniques in a college library: specialized research databases. Focus on campus and remote use of subject databases, emphasis on discipline specific resources, search strategies, evaluation of relevant resources, distinction between scholarly journals and popular magazines, discussion of plagiarism, and bibliographic citation of articles.

Day 32569 Fri 10:00-12:50 2412 DAVIS 03/06 only P/N LSI

Fri 10:00-12:50 2412 03/13 only

Fri 10:00-12:50 2412 03/20 only

*LIBR 6-LSI meets three Fridays: March 6, March 13, and March 20.*

## KINESIOLOGY - THEORY -

**KIN 6 PERSONAL TRAINER 3.5 Units**  
 This course emphasizes the theoretical and hands on skills required of personal trainers, coaches and fitness professionals. This course will bridge the gap between exercise science, kinesiology and practical hands-on learning by integrating the latest in scientific and physiologically based research. This class will have lectures, labs, group work/discussions and blackboard-enhanced assignments.

Day 32883 MW 12:30-1:45 801 NAVARRO 01/20-05/29 OP V01

Lab By Arr 2.0 Hrs/Wk ONLINE 01/20-05/29 OP

*KIN 6-DE1 is a Hybrid course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>*

**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.

*Materials fee of \$27.00 associated with this class.*

Day 31607 Mon 12:30-1:45 PE209 CRAIGHEAD 01/20-04/27 GR V01

Lab Wed 12:30-2:20 PE209 01/20-04/27 GR

*KIN 15-V01 is a Short Term course that meets from Jan 20-Apr 27.*

**KIN 24 SPORT PSYCHOLOGY 3.0 Units**  
 A formal introduction to the study of sport psychology focusing upon both the psychological factors that influence participation in sport and exercise and the psychological effects derived from that participation. Emphasis on understanding the psychological processes involved in human performance, models of intervention that can enhance and improve learning and performance conditions, and the strategies which can elicit and influence favorable psychological perceptions and outcomes. Students who have completed or are enrolled in PSYC 24 may not receive credit.

Day 31500 TTh 11:00-12:15 PE209 SAPSFORD 01/20-05/29 GR V01

**LIBR 7 INTRO TO INTERNET RESEARCH 0.5 Units**  
 Introduction to research techniques in a college library: Internet, Focus on use of the Internet for research purposes, including web search strategies, appropriate search engines and directories, evaluation techniques for web resources, recognition of plagiarism, and bibliographic citation of web resources.  
**Day 32701 Fri 10:00-12:50 2412 DAVIS 04/10 only OP V01**  
**Fri 10:00-12:50 2412 DAVIS 04/17 only**  
**Fri 10:00-12:50 2412 DAVIS 04/24 only**  
*LIBR 7-V01 meets three Fridays: April 10, April 17, and April 24.*

**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.  
**Day 31060 Wed 10:30-12:20 2412 DAVIS 02/04-04/15 GR LSI**  
**By Arr 1.0 Hrs/Wk ONLINE 02/04-04/15 GR**

*LIBR 8-DEI is an online hybrid course with required on-campus class meetings. Students will meet on campus from 10:30-12:00pm in room 2412 on the following Wednesdays: February 4, March 4, April 8, and April 15. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**Day 32700 MW 9:30-10:45 1602 AMAYA 03/16-05/13 OP P01**  
**ONLINE???**

*LIBR 8-P01 is an online/hybrid course that meets from Mar 16-May 13 with required on-campus class meetings. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

*LIBR 8-P01 is part of the Puente Program. For more information, or to register for the program, please contact Rafael Valle at [rvalle@laspositascollege.edu](mailto:rvalle@laspositascollege.edu).*

## 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: English 1A.  
**Day 30129 MW 9:30-10:45 2206 GROOMS 01/20-05/29 OP V01**  
*Internet access is required for MKTG 50-V01*

**Eve 31939 Tue 6:00-9:00 1641 BLINN 01/20-05/29 OP 093**

**Web 31041 By Arr 3.0 Hrs/Wk ONLINE GROOMS 01/20-05/29 OP DEI**  
*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 60 RETAIL STORE MANAGEMENT 3.0 Units**  
 Profitably starting and managing a retail business. Practical information such as finding a site and managing personnel, merchandising, buying, pricing, financial management, store security and information systems. Strongly recommended: Marketing 56 or Business 53.  
**Web 31250 By Arr 3.0 Hrs/Wk ONLINE JUREVICH 01/20-05/29 OP DEI**  
*MKTG 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>.*

**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.

**Web 31941 Tue 7:00-9:00 1874 LAUFFER 01/27-05/29 OP DEI**  
**By Arr 2.6 Hrs/Wk ONLINE 01/27-05/29 OP**

*MKTG 64-DEI is a HYBRID course. This course will meet online EXCEPT for four required class meetings: January 27, February 3, March 3, April 7, and May 26, from 7:00-9:00pm in Room 1874. Students will 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>.*

## MASS COMMUNICATIONS

**MSCM 1 JOURNALISM: NEWS WRITING 3.0 Units**  
 An introduction to gathering, synthesizing/ organizing, and writing news in journalistic style across multiple platforms. Includes role of the journalist, analysis ethical issues. Students will report and write based on their original interviews and research to produce news content. Experiences may include covering speeches, meetings, and other events, writing under deadline and use of AP Style. Strongly recommended: Eligibility for ENG 1A. 3 hours lecture.

**Day 32532 Fri 9:30-12:20 2409 THOMPSON 01/20-05/29 OP V01**

**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. 3 hours lecture.

**Day 30888 TTh 3:30-4:45 1826 THOMPSON 01/20-05/29 GR V01**

**MSCM 14 WRITING AND PHOTO PUBLICATION 1.0 Units**  
 Journalism, photojournalism, content development, and production for the college newspaper. 3 hours laboratory.

**Eve 31274 Lab Wed 7:00-9:50 2409 RETELAS 01/20-05/29 OP 093**

**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 32533 Fri 2:00-2:50 2409 KORBER 01/20-05/29 OP V01**

**MSCM 31 INTRODUCTION TO MEDIA 3.0 Units**  
 A survey of radio, television, film and multimedia and their impact on culture and society; includes economics, technological development, programming, ratings, legal aspects, and social control of broadcasting in America, and cross-cultural, international comparisons. Strongly recommended: Eligibility for ENG 1A. 3 hours lecture.

**Web 31913 By Arr 3.0 Hrs/Wk ONLINE KORBER 01/20-05/29 OP DEI**

*MSCM 31-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 32917 By Arr 3.0 Hrs/Wk ONLINE KORBER 01/20-05/29 OP DE2**

*MSCM 31-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>.*

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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**MSCM 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	31915	Mon	7:00-7:50	2409	STAFF	01/20-05/29	OP	093
Lab		Mon	8:00-9:50	2409		01/20-05/29	OP	
Lab	By Arr		4.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*MSCM 32B-093 is a hybrid course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**MSCM 72 BEGINNING PHOTOJOURNALISM 2.0 Units**  
 Photography exploring the documentary approach. Survey of photojournalism as a medium of mass communications. Understanding and applying photojournalist and basic technical and visual skills in the making of successful reportage photographs. Consideration of the work of major 20th century photojournalists. Strongly recommended: Mass Communications 14 or Photography 50.

Day	32647	Mon	8:30-9:20	2409	STAFF	01/20-05/29	OP	V01
Lab		Mon	9:30-12:50	2409		01/20-05/29	OP	

**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.

Day	31911	Lab Mon	1:00-4:20	2409	KORBER	01/20-05/29	OP	V01
		Wed	1:00-2:50	2409		01/20-05/29	OP	
		Lab Fri	1:00-1:50	2409		01/20-05/29	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. Prerequisite: MSCM 16A (completed with a grade of "C" or higher). Strongly recommended: Eligibility for ENG 1A. 1 hour lecture, 6 hours lab.

Day	31912	Lab Mon	1:00-4:20	2409	KORBER	01/20-05/29	OP	V01
		Wed	1:00-2:50	2409		01/20-05/29	OP	
		Lab Fri	1:00-1:50	2409		01/20-05/29	OP	

**MSCM 19A LITERARY MAGAZINE 1.5 Units**  
 Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary supplement and/or magazine. Enrollment constitutes the staff of the magazine. The number of laboratory units will be agreed upon and scheduled by instructor and student based on the students job description and availability to participate. 1 hour lecture, 1.5 or 3 hours laboratory. (Cross-listed with ENG 19A; A student who has completed ENG 19A cannot enroll in MSCM 19A).

Day	32044	Wed	10:00-10:50	2409	KORBER	01/20-05/29	OP	V01
Lab		Wed	11:00-12:20	2409		01/20-05/29	OP	

**MSCM 19B LITERARY MAGAZINE B 1.5 Units**  
 Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary supplement and/or magazine. Enrollment constitutes the staff of the magazine. The number of laboratory units will be agreed upon and scheduled by instructor and student based on the students job description and availability to participate. 1 hour lecture, 1.5 or 3 hours laboratory. (Cross-listed with ENG 19B; A student who has completed ENG 19B cannot enroll in MSCM 19B).

Day	32083	Wed	10:00-10:50	2409	KORBER	01/20-05/29	OP	V01
Lab		Wed	11:00-12:20	2409		01/20-05/29	OP	

**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 hour lecture; 2 hours lab.

Eve	31914	Mon	7:00-7:50	2409	STAFF	01/20-05/29	OP	093
Lab		Mon	8:00-9:50	2409		01/20-05/29	OP	
Lab	By Arr		4.0 Hrs/Wk	ONLINE		01/20-05/29	OP	

*MSCM 32A-093 is a hybrid course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

## 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.

*Math 1 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 (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 (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	30086	MWF	11:30-12:55	204	MAJUMDAR	01/20-05/29	GR	V01
Lab		By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	
Eve	30382	MW	5:00-7:15	503	KUTIL	01/20-05/29	GR	093
Lab		By Arr	1.0 Hrs/Wk	600		01/20-05/29	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 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. 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 Building 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.*

*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	30087	MWF	11:30-12:55	1871	DAUBENMIRE	01/20-05/29	GR	V01
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	
Eve	30088	TTh	7:30-9:45	201	STAFF	01/20-05/29	GR	093
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	

**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. Consult with the instructor or bookstore before buying a calculator for this course.*

Day	30285	MWF	11:30-12:55	201	MC HALE	01/20-05/29	GR	V01
Eve	32687	MW	7:30-9:45	505	MORRIS	01/20-05/29	OP	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. Consult with the instructor or bookstore before buying a calculator for this course.*

Eve	30522	Mon	7:30-9:20	502	KUTIL	01/20-05/29	GR	093
		Wed	7:30-8:20	502		01/20-05/29	GR	
	Lab	Wed	8:30-9:45	502		01/20-05/29	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).

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

Day	30523	Th	12:30-1:20	2416	MAJUMDAR	01/20-05/29	GR	V01
		Tue	12:30-2:10	2416		01/20-05/29	GR	
	Lab	Th	1:30-2:45	2416		01/20-05/29	GR	

**MATH 10 DISCRETE MATHEMATICS 4.0 Units**

Designed for majors in mathematics and computer science, this course provides an introduction to discrete mathematical structures used in Computer Science and their applications. Course content includes: Propositional and predicate logic; rules of inference; quantifiers; elements of integer number theory; set theory; methods of proof; induction; combinatorics and discrete probability; functions and relations; recursive definitions and recurrence relations; elements of graph theory and trees. Applications include: analysis of algorithms, Boolean algebras and digital logic circuits. Students who have completed, or are enrolled in, CS XX may not receive credit. Prerequisite: Mathematics 1 (completed with a grade of "C" or higher). 4 hours lecture, 1 hour laboratory.

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

Eve	31085	Mon	5:00-7:25	507	MORRIS	01/20-05/29	GR	093
		Wed	5:00-6:25	507		01/20-05/29	GR	
	Lab	Wed	6:35-7:25	507		01/20-05/29	GR	

**MATH 20 PRE-CALCULUS MATHEMATICS 5.0 Units**

Rational functions and relations 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 36 or Mathematics 36Y or Mathematics 38 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

*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 Building 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.*

*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	30089	MWF	8:00-9:25	503	DAUBENMIRE	01/20-05/29	GR	V01
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	
Eve	30298	TTh	5:00-7:15	204	GRAHAM	01/20-05/29	GR	093
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	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.

*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 Building 601 (Integrated Learning Center) 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.*

*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.*

Eve	30090	TTh	5:30-7:20	1602	STAFF	01/20-05/29	GR	093
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	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.

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 Building 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.

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

Day	30091	MWF	9:30-10:55	204	STAFF	01/20-05/29	GR	V01
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	
Eve	32602	MW	7:30-9:45	1874	STAFF	01/20-05/29	GR	093
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	
Eve	32170	TTh	2:00-4:15	2470	KUTIL	01/20-05/29	GR	V02
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	

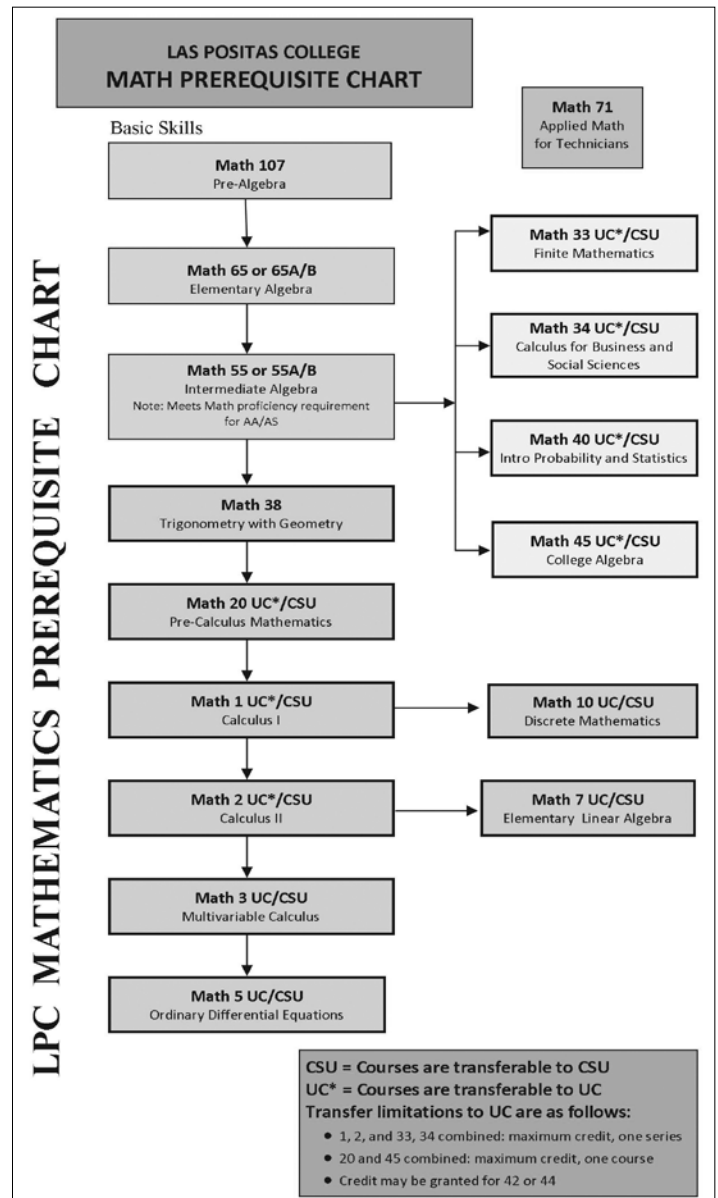
**MATH 38 TRIGONOMETRY WITH GEOMETRY 5.0 Units**

Plane trigonometry with topics from plane geometry. Geometry includes properties of polygons, parallel and perpendicular lines, congruence and similarity, area, volumes and surface area. Trigonometry includes definitions of the trigonometric functions, graphs of the trigonometric functions, trigonometric equations and inverse trigonometric functions, identities, polar coordinates and complex numbers. Applications involving right triangles, law of sines and law of cosines. 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. May not receive credit if Mathematics 36 or 36Y have been completed.

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 building 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.

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

Day	30378	MWF	8:00-9:25	204	MAJUMDAR	01/20-05/29	GR	V01
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	
Day	30379	TTh	1:30-3:45	2460	MORRIS	01/20-05/29	GR	V02
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	
Day	32172	MW	3:30-5:50	1873	STAFF	01/20-05/29	GR	V03
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	
Eve	31086	MW	7:30-9:45	503	STAFF	01/20-05/29	GR	093
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	GR	



**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.

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	32603	MW	8:00-9:15	2414	STAFF	01/20-05/29	GR	V01
		Fri	8:00-8:50	2414		01/20-05/29	GR	
	Lab	Fri	9:00-9:50	2414		01/20-05/29	GR	
Day	32604	MW	9:30-11:20	2414	STAFF	01/20-05/29	GR	V02
	Lab	Fri	10:00-10:50	2414		01/20-05/29	GR	
Day	32605	Mon	11:30-1:45	2414	STAFF	01/20-05/29	GR	V03
		Wed	11:30-12:45	2414		01/20-05/29	GR	
	Lab	Wed	1:00-1:50	2414		01/20-05/29	GR	

(MATH 40 CONTINUES)

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
Day	32606	Tue	10:30-12:45	2414	STAFF	01/20-05/29	GR	V04
		Th	10:30-11:45	2414		01/20-05/29	GR	
		Lab	12:00-12:50	2414		01/20-05/29	GR	
Day	32607	Tue	2:30-4:45	2414	STAFF	01/20-05/29	GR	V05
		Th	2:30-3:45	2414		01/20-05/29	GR	
		Lab	4:00-4:50	2414		01/20-05/29	GR	
Day	32608	MW	2:00-3:15	2416	STAFF	01/20-05/29	GR	V06
		Fri	1:30-2:20	2416		01/20-05/29	GR	
		Lab	2:30-3:20	2416		01/20-05/29	GR	
Day	32609	MW	9:30-10:45	2416	KEUNE	01/20-05/29	GR	V07
		Fri	9:30-10:20	2416		01/20-05/29	GR	
		Lab	10:30-11:20	2416		01/20-05/29	GR	
Day	32610	Tue	8:00-10:15	2414	STAFF	01/20-05/29	GR	V08
		Th	8:00-9:15	2414		01/20-05/29	GR	
		Th	9:20-10:10	2414		01/20-05/29	GR	
Day	32611	Mon	2:30-4:45	2414	STAFF	01/20-05/29	GR	V09
		Wed	2:30-3:45	2414		01/20-05/29	GR	
		Lab	4:00-4:50	2414		01/20-05/29	GR	
Eve	32612	Mon	5:00-7:15	2414	STAFF	01/20-05/29	GR	093
		Wed	5:00-6:15	2414		01/20-05/29	GR	
		Lab	6:20-7:10	2414		01/20-05/29	GR	
Eve	32613	Tue	5:00-7:15	2414	KUTIL	01/20-05/29	GR	094
		Th	5:00-6:10	2414		01/20-05/29	GR	
		Lab	6:20-7:10	2414		01/20-05/29	GR	
Eve	32614	Tue	7:30-9:45	2414	STAFF	01/20-05/29	GR	095
		Th	7:30-8:45	2414		01/20-05/29	GR	
		Lab	8:50-9:40	2414		01/20-05/29	GR	
Eve	32686	Mon	7:30-9:45	2414	STAFF	01/20-05/29	OP	096
		Wed	7:30-8:45	2414		01/20-05/29	OP	
		Lab	8:50-9:40	2414		01/20-05/29	OP	
Web	32615	Tue	11:00-12:30	1873	KEUNE	01/20-05/29	GR	DE1
		Lab	By Arr	3.5 Hrs/Wk	ONLINE	01/20-05/29	GR	

Math 40-DE1 is a hybrid course. Students will meet on campus during the above days and times. 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>.

Day	32685	Mon	2:30-3:40	1874	AUGUST	01/20-05/29	OP	DE2
		Lab	By Arr	1.0 Hrs/Wk	ONLINE	01/20-05/29	OP	

Math 40-DE2 is a hybrid course. Students will meet on campus during the above days and times. Students will be required to complete the remainder of the course online. Students must purchase internet-based software for this class. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**MATH 45 COLLEGE ALGEBRA** **3.0 Units**  
 Polynomial, rational, exponential, and logarithmic functions; theory of equations; matrices; translation of functions; sequences, series and the binomial theorem. Prerequisite: Math 55 or Math 55B or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics placement process.

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 Building 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.

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	30286	TTh	12:30-1:45	202	STAFF	01/20-05/29	GR	V01
		Lab	By Arr	1.0 Hrs/Wk	600		GR	

**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. Prerequisite: Math 65 or 65B or 65Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process. May not receive credit if Mathematics 55B or 55Y have been completed.

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 Building 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.

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	30200	MWF	8:00-9:25	1873	STAFF	01/20-05/29	OP	V01
		Lab	By Arr	1.0 Hrs/Wk	600		OP	
Day	30723	MWF	9:30-10:55	1873	WOODS	01/20-05/29	OP	V02
		Lab	By Arr	1.0 Hrs/Wk	600		OP	
Day	30380	MWF	11:00-12:25	202	AUGUST	01/20-05/29	OP	V03
		Lab	By Arr	1.0 Hrs/Wk	600		OP	
Day	30744	MWF	12:30-1:55	503	BLUMENFELD	01/20-05/29	OP	V04
		Lab	By Arr	1.0 Hrs/Wk	600		OP	
Day	31954	MWF	1:00-2:25	1814	AUGUST	01/20-05/29	OP	V05
		Lab	By Arr	1.0 Hrs/Wk	600		OP	
Day	31012	MW	2:00-4:15	1816	STAFF	01/20-05/29	OP	V06
		Lab	By Arr	1.0 Hrs/Wk	600		OP	
Day	30440	TTh	8:00-10:15	505	TAYLOR	01/20-05/29	OP	V07
		Lab	By Arr	1.0 Hrs/Wk	600		OP	
Day	30524	TTh	11:00-1:15	505	TAYLOR	01/20-05/29	OP	V08
		Lab	By Arr	1.0 Hrs/Wk	600		OP	
Day	30910	TTh	3:30-5:45	2205	BLUMENFELD	01/20-05/29	OP	V09
		Lab	By Arr	1.0 Hrs/Wk	600		OP	
Day	32169	MWF	8:00-9:25	1871	STAFF	01/20-05/29	OP	V10
		Lab	By Arr	1.0 Hrs/Wk	600		OP	

(MATH 55 CONTINUES)

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
Eve	30525	MW	7:30-9:45	1871	STAFF	01/20-05/29	OP	093
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Eve	30201	TTh	5:00-7:15	503	STAFF	01/20-05/29	OP	094
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Eve	30683	TTh	7:30-9:45	503	STAFF	01/20-05/29	OP	095
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Web	31227	Wed	11:30-1:20	1872	WOODS	01/20-05/29	OP	DEI
	By Arr	5.0 Hrs/Wk	ONLINE			01/20-05/29	OP	

**MATH 55-DEI is a hybrid course.** All class meetings will be online, except on the following dates: Wednesday Jan. 1 from 11:30-12:50pm in room 607 (optional orientation). Mandatory dates, Fridays 11:30-1:20pm in room 1872 on: Feb. 6, Feb. 20, Mar. 13, Apr. 3, May 1, and May 29. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web	30609	Tue	2:00-4:15	1873	MC HALE	01/20-05/29	OP	DE2
	By Arr	3.5 Hrs/Wk	ONLINE			01/20-05/29	OP	

**MATH 55-DE2 is a hybrid course.** Students will meet on campus during the days and times listed above. 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. Prerequisite: Math 65 or 65B or 65Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process. May not receive credit if Mathematics 55 or 55X have been completed.

*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 Building 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.*

*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	31011	MW	9:30-10:40	503	STAFF	02/03-05/29	OP	LS1
	Lab	By Arr	1.3 Hrs/Wk	600		02/03-05/29	OP	

*MATH 55A-LS1 is a Late Start course that meets from Feb 3-May 29.*

Eve	31092	TTh	5:00-6:10	1874	STAFF	02/03-05/29	OP	LS2
	Lab	By Arr	1.3 Hrs/Wk	600		02/03-05/29	OP	

*MATH 55A-LS2 is a Late Start course that meets from Feb 3-May 29.*

The following MATH 55A sections 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	32660	Tue	11:00-1:15	607	GRAHAM	01/20-05/29	OP	X02
	Lab	Th	11:00-11:50	607		01/20-05/29	OP	
Eve	32664	Mon	7:00-9:15	607	STAFF	01/20-05/29	OP	X94
	Lab	Wed	7:00-7:50	607		01/20-05/29	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. Prerequisite: Math 55A or 55X (completed with a grade of "C" or higher). May not receive credit if Mathematics 55 or 55Y have been completed.

*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 Building 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.*

*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	31183	TTh	12:30-1:40	2480	MC HALE	02/03 05/29	OP	LS1
	Lab	By Arr	1.3 Hrs/Wk	600		02/03 05/29	OP	

*MATH 55B-LS1 is a Late Start course that meets from Feb 3-May 29.*

Eve	30651	MW	5:00-6:10	2490	STAFF	02/03-05/29	OP	LS2
	Lab	By Arr	1.3 Hrs/Wk	600		02/03-05/29	OP	

*MATH 55B-LS1 is a Late Start course that meets from Feb 3-May 29.*

The following MATH 55B sections 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 at <http://www.laspositascollege.edu/math/index.php>.

Day	32661	Tue	11:00-1:15	607	GRAHAM	01/20-05/29	OP	X02
	Lab	Th	11:00-11:50	607		01/20-05/29	OP	
Eve	32665	Mon	7:00-9:15	607	STAFF	01/20-05/29	OP	X94
	Lab	Wed	7:00-7:50	607		01/20-05/29	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. 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. May not receive credit if Mathematics 65B or 65Y have been completed.

*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 Building 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.*

*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	30608	MWF	8:00-9:25	202	STAFF	01/20-05/29	OP	V01
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Day	30092	MWF	9:30-10:55	202	DAUBENMIRE	01/20-05/29	OP	V02
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Day	30093	MWF	11:00-12:25	503	STAFF	01/20-05/29	OP	V03
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Day	30293	MWF	1:00-2:25	607	STAFF	01/20-05/29	OP	V04
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	

(MATH 65 CONTINUES)



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
Day	30363	TTh	8:30-10:45	203	DAUBENMIRE	01/20-05/29	OP	V05
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Day	30410	TTh	12:30-2:45	1871	BLUMENFELD	01/20-05/29	OP	V06
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Eve	30489	MW	5:00-7:15	505	TAYLOR	01/20-05/29	OP	093
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Eve	30950	TTh	5:00-7:15	505	STAFF	01/20-05/29	OP	094
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Eve	30163	TTh	7:30-9:45	505	STAFF	01/20-05/29	OP	095
	Lab	By Arr	1.0 Hrs/Wk	600		01/20-05/29	OP	
Web	30444	Mon	3:00-5:15	2306	BLUMENFELD	01/20-05/29	OP	DEI
	By Arr	5.7 Hrs/Wk	ONLINE			01/20-05/29	OP	

**MATH 65-DEI** is a hybrid course. All class meetings will be online except on the following dates: Mondays 3:00-5:15pm in room 2306 on Jan. 26, Feb. 23, Apr. 6, May 4 and on Friday, May 22 from 3:30-5:20pm in room 2306 (Final Exam). For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web	30687	Mon	3:45-6:00	2204	AUGUST	01/20-05/29	OP	DE2
	Lab	By Arr	3.5 Hrs/Wk	ONLINE		01/20-05/29	OP	

**MATH 65-DE2** is a hybrid course. Students will meet on-campus during the days and times listed above. 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. 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. May not receive credit if Mathematics 65 or 65X have been completed.

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 Building 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.

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	31184	MW	11:30-12:40	507	KEUNE	02/03-05/29	OP	LS1
	Lab	By Arr	1.3 Hrs/Wk	600		02/03-05/29	OP	

MATH 65A-LS1 is a Late Start course that meets from Feb 3-May 29.

Eve	31093	Tue	5:00-6:40	2206	STAFF	02/03-05/29	OP	LS3
		Th	5:00-5:50	2206		02/03-05/29	OP	
	Lab	Th	6:00-6:50	2206		02/03-05/29	OP	

MATH 65A-LS3 is a Late Start course that meets from Feb 3-May 29.

The following MATH 65A sections 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	32662	Tue	11:00-1:15	607	GRAHAM	01/20-05/29	OP	X02
	Lab	Th	11:00-11:50	607		01/20-05/29	OP	
Eve	32666	Mon	7:00-9:15	607	STAFF	01/20-05/29	OP	X94
	Lab	Wed	7:00-7:50	607		01/20-05/29	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. Prerequisite: Mathematics 65A or 65X (completed with a grade of "C" or higher). May not receive credit if Mathematics 65 or 65Y have been completed.

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 Building 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.

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.

Eve	30311	MW	5:00-6:10	2460	STAFF	02/03-05/29	OP	LS1
	Lab	By Arr	1.3 Hrs/Wk	600		02/03-05/29	OP	

MATH 65B-LS1 is a Late Start course that meets from Feb 3-May 29.

The following MATH 65B sections 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	32663	Tue	11:00-1:15	607	GRAHAM	01/20-05/29	OP	X02
	Lab	Th	11:00-11:50	607		01/20-05/29	OP	
Eve	32667	Mon	7:00-9:15	607	STAFF	01/20-05/29	OP	X94
	Lab	Wed	7:00-7:50	607		01/20-05/29	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 are taught in the MATH X PROGRAM. A self-paced, guided, independent learning program. Students registering for these sections 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	32670	Tue	9:30-10:45	607	GRAHAM	01/20-05/29	OP	X01
Day	32674	Tue	2:00-3:15	607	STAFF	01/20-05/29	OP	X03
Day	32797	Tue	3:30-4:45	607	STAFF	01/20-05/29	OP	X04
Eve	32678	Mon	5:30-6:45	607	STAFF	01/20-05/29	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 are taught in the MATH X PROGRAM. A self-paced, guided, independent learning program. Students registering for these sections 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	32671	Tue	9:30-10:45	607	GRAHAM	01/20-05/29	OP	X01
Day	32675	Tue	2:00-3:15	607	STAFF	01/20-05/29	OP	X03

(MATH 71B CONTINUES)



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
Day	32798	Tue	3:30-4:45	607	STAFF	01/20-05/29	OP	X04
Eve	32679	Mon	5:30-6:45	607	STAFF	01/20-05/29	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 with the instructor or bookstore before registering for this course.*

Day	31009	MW	8:00-9:15	607	STAFF	01/20-05/29	OP	V01
	Lab	MW	9:25-10:40	607		01/20-05/29	OP	
Eve	31010	MW	7:00-8:15	2203	STAFF	01/20-05/29	OP	093
	Lab	MW	8:25-9:40	2203		01/20-05/29	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 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	32668	Tue	9:30-10:45	607	GRAHAM	01/20-05/29	OP	X01
	Lab	Th	9:30-10:45	607		01/20-05/29	OP	
Day	32672	Tue	2:00-3:15	607	STAFF	01/20-05/29	OP	X03
	Lab	Th	2:00-3:15	607		01/20-05/29	OP	
Day	32799	Tue	3:30-4:45	607	STAFF	01/20-05/29	OP	X04
	Lab	Th	3:30-4:45	607		01/20-05/29	OP	
Eve	32676	Mon	5:30-6:45	607	STAFF	01/20-05/29	OP	X93
	Lab	Wed	5:30-6:45	607		01/20-05/29	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. Prerequisite: Mathematics 107A or 107X (completed with a grade of "C" or higher). May not receive credit if Mathematics 107 or 107Y has been completed.

*The following MATH 107B sections 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	32669	Tue	9:30-10:45	607	GRAHAM	01/20-05/29	OP	X01
	Lab	Th	9:30-10:45	607		01/20-05/29	OP	
Day	32673	Tue	2:00-3:15	607	STAFF	01/20-05/29	OP	X03
	Lab	Th	2:00-3:15	607		01/20-05/29	OP	
Day	32800	Tue	3:30-4:45	607	STAFF	01/20-05/29	OP	X04
	Lab	Th	3:30-4:45	607		01/20-05/29	OP	
Eve	32677	Mon	5:30-6:45	607	STAFF	01/20-05/29	OP	X93
	Lab	Wed	5:30-6:45	607		01/20-05/29	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	32808	Daily	9:00-3:00	tba	STAFF	01/12-01/16	OP	MJ1
								<i>Supplemental learning assistance for Math 107.</i>
Day	32809	MTWTh	9:00-3:00	tba	STAFF	01/12-01/16	OP	MJ2
								<i>Supplemental learning assistance for Math 65 and Math 55.</i>
Day	32810	Daily	9:00-3:00	tba	STAFF	01/12-01/16	OP	MJ3
								<i>Supplemental learning assistance for Math 40.</i>
Day	32811	Daily	9:00-3:00	tba	STAFF	01/12-01/16	OP	MJ4
								<i>Supplemental learning assistance for Math 38 and Math 20.</i>

## 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	30555	TTh	9:30-10:45	4130	LIN	01/20-05/29	OP	V01
Day	31538	TTh	11:00-12:15	4138	BROWNE ROSE	01/20-05/29	OP	V02
Day	32875	MW	9:30-10:45	4130	LIN	01/20-05/29	OP	V03

**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	30730	TTh	12:30-1:45	4138	DEVINE	01/20-05/29	OP	V01
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**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.

Day	30863	TTh	9:30-10:45	4138	DEVINE	01/20-05/29	OP	V01
Eve	30539	Tue	7:00-9:50	4213	ZIMMERMAN	01/20-05/29	OP	093
Eve	31664	Mon	7:00-9:50	1816	ZIMMERMAN	01/20-05/29	OP	094
Web	30736	By Arr	3.0 Hrs/Wk	ONLINE	CEFALO	01/20-05/29	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>.*

**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.

Eve	30546	MW	12:30-1:20	4138	BROWNE ROSE	01/20-05/29	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
<b>MUS 8B</b>	<b>HARMONY &amp; MUSICIANSHIP II</b>			<b>4.0 Units</b>													
Continues diatonic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present, continues solfeggio, chord recognition, melodic and rhythmic dictation, diatonic four-part voice leading, and figured bass realization. Introduces harmonic dictation, cadential elaboration, non-dominant seventh chord tonicization/modulation to the dominant. Prerequisite: Music 8A (completed with a grade of "C" or higher).																	
Day	30547	MWF	9:30-10:20	4138	BROWNE ROSE	01/20-05/29	OP	V01									
Lab	TTh		9:30-10:20	4226		01/20-05/29	OP										
<b>MUS 10B</b>	<b>POST ROMANTIC/20TH CEN HARMONY</b>			<b>4.0 Units</b>													
Continues chromatic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present. Further study in solfeggio; melodic, rhythmic, and chorale dictation; chromatic four-part voice leading; figured bass realization; and chord succession and progression techniques. Introduces secondary dominants; diatonic modulation, extended chords; Neapolitan, augmented sixth, augmented, and altered dominant chords; chromatic embellishing chords; and chromaticism in larger contexts. Prerequisite: Music 10A (completed with a grade of "C" or higher).																	
Day	30548	MWF	10:30-11:20	4226	CEFALO	01/20-05/29	OP	V01									
Lab	TTh		10:30-11:20	4226		01/20-05/29	OP										
<b>MUS 12</b>	<b>WIND ENSEMBLE</b>			<b>1.0 Units</b>													
Wind ensemble repertoire of all styles and periods. Emphasis on group participation and public performance. Attendance at all scheduled performances required. Enrollment is subject to a standardized audition demonstrating musical ability and technical proficiency suitable to the course level.																	
Day	32008	Lab TTh	2:00-3:15	4138	DEVINE	01/20-05/29	OP	V01									
<b>MUS 14</b>	<b>JAZZ ENSEMBLE</b>			<b>1.0 Units</b>													
Reading, preparation and performance of contemporary Jazz music. Opportunity to apply improvisation techniques in a group setting.																	
Eve	30549	Lab Mon	6:00-9:00	4138	BROWNE ROSE	01/20-05/29	OP	093									
<b>MUS 15</b>	<b>JAZZ BAND</b>			<b>1.0 Units</b>													
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	30550	Lab Mon	6:00-9:00	4138	BROWNE ROSE	01/20-05/29	OP	093									
<b>MUS 16</b>	<b>COLLEGE ORCHESTRA</b>			<b>1.0 Units</b>													
Survey of string and symphonic orchestra literature through rehearsal and performance of selected works. Emphasis on the development of ensemble playing and technique. Designed for those with proficiency in playing an orchestral instrument.																	
Eve	30729	Lab Wed	6:00-8:50	4138	BROWNE ROSE	01/20-05/29	OP	093									
<b>MUS 20</b>	<b>ELEMENTARY GUITAR</b>			<b>1.0 Units</b>													
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	30544	Lab Th	11:00-1:50	4130	ACHEN	01/20-05/29	OP	V01									
<b>MUS 21A</b>	<b>BEGINNING PIANO</b>			<b>1.0 Units</b>													
Group instruction in piano with emphasis on developing technique, reading music, and performing. Strongly recommended: Music 6.																	
Day	30535	Lab TTh	11:30-12:45	4226	LIN	01/20-05/29	OP	V01									
<b>MUS 21B</b>	<b>BEGINNING PIANO: INTERMEDIATE</b>			<b>1.0 Units</b>													
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	30536	Lab TTh	11:30-12:45	4226	LIN	01/20-05/29	OP	V01									
<b>MUS 23A</b>	<b>ELEMENTARY VOICE I</b>			<b>1.0 Units</b>													
Group singing with emphasis on solo performance. Tone production, breathing, diction, and interpretation in regard to song literature. Strongly recommended: Music 6.																	
Day	30551	Lab Wed	11:00-1:50	4130	MOTE-YAFFE	01/20-05/29	OP	V01									
<b>MUS 23B</b>	<b>ELEMENTARY VOICE II</b>			<b>1.0 Units</b>													
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	30552	Lab Wed	11:00-1:50	4130	MOTE-YAFFE	01/20-05/29	OP	V01									
<b>MUS 26</b>	<b>METHODS/MATERIALS/PIANO TCHRS</b>			<b>2.0 Units</b>													
Examination of various methods in print for use in teaching piano; setting up a teaching studio and 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	32196	Mon	11:30-1:30	4226	STAFF	01/20-05/29	OP	V01									
<b>MUS 28</b>	<b>KEYBOARD SKILLS</b>			<b>1.0 Units</b>													
Emphasis on correct harmonization of melodies with various styles of piano accompaniments; transposition; improvisation ; modulation; sight reading; principles of accompanying soloists and groups; ensemble playing; playing by ear. Frequent solo and ensemble performances in class. Intended for piano teachers or classroom music teachers. Strongly recommended: Music 21B.																	
Day	32876	Lab Mon	11:30-2:20	4226	ANDERSON	01/20-05/29	OP	V01									
<b>MUS 30</b>	<b>STUDY OF GUITAR</b>			<b>1.0 Units</b>													
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	30545	Lab Th	11:00-1:50	4130	ACHEN	01/20-05/29	OP	V01									
<b>MUS 31</b>	<b>STUDY OF PIANO</b>			<b>1.0 Units</b>													
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	30537	Lab TTh	11:30-12:45	4226	LIN	01/20-05/29	OP	V01									
<b>MUS 33</b>	<b>STUDY OF VOICE</b>			<b>1.0 Units</b>													
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	30553	Lab Wed	11:00-1:50	4130	MOTE-YAFFE	01/20-05/29	OP	V01									
<b>MUS 38</b>	<b>INDIVIDUAL STUDY</b>			<b>1.0 Units</b>													
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	30538	Lab Fri	12:00-1:50	4130	BROWNE ROSE	01/20-05/29	OP	V01									
<i>Music 38 requires enrollment with a private music instructor.</i>																	

**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 30554 Lab Wed 11:00-1:50 4130 MOTE-YAFFE 01/20-05/29 OP V01

**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.

Eve 32877 Lab Tue 7:00-9:50 4130 LAPP 01/20-05/29 OP 093

**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).

Eve 30556 Lab Tue 2:00-4:50 4130 LAPP 01/20-05/29 OP 093

**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).

Eve 30557 Lab Tue 2:00-4:50 4130 LAPP 01/20-05/29 OP 093

**MUS 47 COLLEGE PRODUCTIONS-MUSIC 1.0 Units**

Participation in scheduled music productions. Includes music support for drama productions, college musicals, and other major performances. Enrollment is for the duration of the production.

Eve 30558 By Arr 22.5 Hrs/Wk 4127 CEFALO 01/20-05/29 OP 093

## 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 30464 MW 8:00-9:15 PE209 VERNOGA 01/20-05/29 OP V01

Day 30619 MW 12:30-1:45 1826 VERNOGA 01/20-05/29 OP V02

Day 32086 TTh 2:00-3:15 505 VERNOGA 01/20-05/29 OP V03

Day 32781 TTh 12:30-1:45 PE209 VERNOGA 01/20-05/29 OP V04

Eve 32087 Tue 6:00-8:50 PE212 VERNOGA 01/20-05/29 OP 093

Web 32782 By Arr 3.0 Hrs/Wk ONLINE POLOKOFF 01/20-05/29 OP DEI

MUS 5-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 67 COMP REGULATORY REQUIREMENTS 3.0 Units**

An in-depth review of State and Federal Occupational Safety and Health requirements, environmental life safety, Workers' Compensation laws, and other regulations as they relate to occupational safety and health. Includes human factors in accident causation, behavioral stereotypes, and key elements of a comprehensive health and safety program.

Eve 32802 Tue 7:00-9:50 1816 STAFF 01/20-05/29 GR 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.

Eve 30593 Mon 7:00-10:05 2450 BODNAR 01/20-05/29 GR 093

PHIL 1-093 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.

Web 30542 By Arr 3.0 Hrs/Wk ONLINE FAIRWEATHER 01/20-05/29 GR DEI  
PHIL 1-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 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.

Day 30197 MW 9:30-10:45 2204 BODNAR 01/20-05/29 GR V01

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.

Web 30692 By Arr 3.0 Hrs/Wk ONLINE BODNAR 01/20-05/29 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 3 AESTHETICS 3.0 Units**

An introduction to the philosophical analysis of art. Topics include the nature of art and beauty, the value of art, and philosophical methods of evaluating, critiquing, and drawing meaning from artistic works.

Day 31062 TTh 11:00-12:15 2205 BODNAR 01/20-05/29 OP V01

**PHIL 5 FEMINIST PHILOSOPHY 3.0 Units**

Introduction to feminist philosophical perspectives on such issues as gender, art, sexuality, knowledge, power, identity popular culture, religion, ethics, and war. Emphasis placed on critical analysis as well as application to contemporary problems facing women today.

Day 31084 MW 11:00-12:15 2205 BODNAR 01/20-05/29 OP V01

## 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 will be assessed a \$20 materials fee at registration.

Day 31275 Tue 1:00-2:50 307 HORVATH 01/20-05/29 OP V01

Lab Tue 3:00-3:50 311 01/20-05/29 OP

Lab Th 1:00-3:50 311 01/20-05/29 OP

Day 32210 Tue 9:00-10:50 307 HORVATH 01/20-05/29 OP V02

Lab Tue 11:00-11:50 311 01/20-05/29 OP

Lab Th 9:00-11:50 311 01/20-05/29 OP

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>PHTO 51 INDIVIDUAL PROJECTS 1.0 Units</b>								
Individual projects in digital or film-based photography at the intermediate to advanced level. Development of knowledge and skills acquired in previous or current photography work with emphasis on current projects. Strongly recommended: Photography 50 or 56.								
Eve	32703	Lab Wed	6:00-10:00	311	CASELLI	01/20-05/29	OP	093

<b>PHTO 56 INTRO TO DIGITAL PHOTOGRAPHY 1.5 Units</b>								
Basics for the beginner's use of digital cameras, film and flatbed scanners; use of Adobe software for image adjustments. Exploration of digital photography compared with traditional photographic approaches and processes. Operation of Adobe digital imaging software for preparation of web site photos and print output, in both black and white and in color.								

Students enrolled in PHTO 56 will be assessed a \$20 materials fee at registration.

Day	31276	Tue	6:00-6:50	300	YASHAR	01/20-05/29	OP	V01
		Lab Tue	7:00-8:50	300		01/20-05/29	OP	
Eve	31277	Th	6:00-6:50	300	CASELLI	01/20-05/29	OP	094
		Lab Th	7:00-8:50	300		01/20-05/29	OP	

<b>PHTO 57 INTERMEDIATE DIGITAL PHOTO 1.5 Units</b>								
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: Photography 56 or camera/photography and Macintosh computer experience.								

Students enrolled in PHTO 57 will be assessed a \$20 materials fee at registration.

Day	31278	Fri	2:00-2:50	300	ANAYA	01/20-05/29	OP	V01
		Lab Fri	3:00-4:50	300		01/20-05/29	OP	

<b>PHTO 58 INTRODUCTION TO VIDEOGRAPHY 2.0 Units</b>								
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	31298	Fri	9:00-9:50	300	HORVATH	01/20-05/29	OP	V01
		Lab Fri	10:00-11:55	300		01/20-05/29	OP	
		Lab Fri	12:00-1:50	300		01/20-05/29	OP	

<b>PHTO 64A ARTIFICIAL LIGHT PHOTOGRAPHY 3.0 Units</b>								
Photography using light sources selected and manipulated by the photographer. Use of light sources in a controlled situation to achieve technically accurate renditions of subject matter and to make successful visual statements. Lighting techniques for product, still life and portrait photography. Prerequisite: Photography 50 or Photography 56 (completed with a grade of "C" or higher).								

Students enrolled in PHTO 64A will be assessed a \$20 materials fee at registration.

Sat	31279	Sat	9:00-10:50	300	ANAYA	01/20-05/29	GR	V01
		Lab Sat	11:00-1:50	307		01/20-05/29	GR	

<b>PHTO 67 HISTORY OF PHOTOGRAPHY 3.0 Units</b>								
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	31541	Mon	6:00-8:50	201	HORVATH	01/20-05/29	GR	093
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<b>PHTO 69 INTERMEDIATE VIDEOGRAPHY 2.0 Units</b>								
Intermediate level digital video production to integrate and build upon prior video making skills. Emphasis is on creative expression, improving all production values and edited quality of finished presentation. Distribution of quality video piece to festivals and the web. Class is taught on the Macintosh computer platform. Strongly recommended: Photography 58.								

Day	32704	Fri	9:00-9:50	300	HORVATH	01/20-05/29	OP	V01
		Lab Fri	10:00-11:55	300		01/20-05/29	OP	
		Lab Fri	12:00-1:50	300		01/20-05/29	OP	

## PHYSICS

<b>PHYS 2B INTRODUCTION TO PHYSICS II 4.0 Units</b>								
Electro-circuits, electromagnetic waves, optics and modern physics. Prerequisite: Physics 2A (completed with a grade of "C" or higher). CAN PHYS 4, PHYS SEQ A								

Day	30150	MW	9:30-10:45	1822	STAFF	01/20-05/29	GR	V01
		Lab Mon	2:30-5:20	1831		01/20-05/29	GR	

<b>PHYS 8A GENERAL PHYSICS 5.0 Units</b>								
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	30511	TTh	12:30-2:20	1872	STAFF	01/20-05/29	OP	V01
		Lab Th	9:30-12:20	1831		01/20-05/29	OP	
Day	32649	TTh	12:30-2:20	1872	STAFF	01/20-05/29	OP	V02
		Lab Th	2:30-5:20	1831		01/20-05/29	OP	
Eve	30512	MW	5:00-6:50	1828	HARPELL	01/20-05/29	OP	094
		Lab Tue	4:30-7:20	1831		01/20-05/29	OP	

<b>PHYS 8B GENERAL PHYSICS II 5.0 Units</b>								
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	30513	TTh	5:30-7:20	1826	STAFF	01/20-05/29	OP	093
		Lab Wed	4:30-7:20	1831		01/20-05/29	OP	
Eve	32806	TTh	5:30-7:20	1826	HARPELL	01/20-05/29	OP	094
		Lab Tue	12:30-3:20	1831		01/20-05/29	OP	

<b>PHYS 8C GENERAL PHYSICS III 5.0 Units</b>								
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	30514	TTh	10:30-12:20	1822	STAFF	01/20-05/29	OP	V01
		Lab Fri	8:30-11:20	1831		01/20-05/29	OP	

<b>PHYS 8D GENERAL PHYSICS IV 3.0 Units</b>								
Introduction to relativity and modern physics, including: introduction to quantum theory; atomic, molecular, nuclear and particle physics; condensed matter physics; astrophysics and cosmology. Prerequisite: Physics 8B (completed with a grade of "C" or higher).								

Day	30622	Wed	11:00-12:50	1831	HARPELL	01/20-05/29	OP	V01
		Lab Mon	9:30-12:30	1831		01/20-05/29	OP	



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>PHYS 10 DESCRIPTIVE PHYSICS 3.0 Units</b>								
Motion, gravitation, heat, light, sound, electricity, magnetism, atoms, and nuclei. Present day scientific problems and developments such as alternative energy sources, solar energy, nuclear power, lasers, relativity and black holes. Designed for non-majors in physical science. Strongly recommended: Mathematics 105, 105M, or 107.								
Eve	32650	MW	5:00-6:15	1826	LOGORY	01/20-05/29	GR	093

## 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	30909	MW	9:00-10:50	2460	STAFF	01/20-05/29	OP	V01
Day	30130	MW	12:30-2:20	2460	STAFF	01/20-05/29	OP	V02
Day	30131	TTh	1:00-2:50	1874	CLOWARD	01/20-05/29	OP	V03
Day	30404	TTh	9:00-10:50	2420	STAFF	01/20-05/29	OP	V04
Day	31663	TTh	11:00-12:50	2460	CLOWARD	01/20-05/29	OP	V05
Day	31927	TTh	2:00-3:50	2490	BLAIR	01/20-05/29	OP	V06
Eve	30413	TTh	5:00-6:50	2490	BLAIR	01/20-05/29	OP	093
Web	30623	By Arr	4.0 Hrs/Wk	ONLINE	GOUVEIA	01/20-05/29	OP	DE1

*POLI 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 31161 By Arr 4.0 Hrs/Wk ONLINE HERTZ 01/20-05/29 OP DE2*  
*POLI 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>.*

**POLI 25 INTRO TO POLITICAL THEORY 3.0 Units**  
Various theoretical approaches to politics including selected aspects of political thought from ancient times to the present with application to current political thought. Strongly recommended: eligibility for English 1A, and Political Science 1 or 7.

Eve	31297	Wed	4:00-6:50	4213	SHUMAKER	01/20-05/29	OP	093
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**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.

Web	31928	By Arr	3.0 Hrs/Wk	ONLINE	GOUVEIA	01/20-05/29	OP	DE1
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*POLI 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>.*

## 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	30868	MW	9:30-10:45	201	ROY	01/20-05/29	OP	V01
Day	30401	MW	11:00-12:15	2206	ROY	01/20-05/29	OP	V02
Day	30020	MW	2:00-3:15	2470	ONEAL	01/20-05/29	OP	V03
Day	30312	TTh	9:30-10:45	2206	LEVEQUE	01/20-05/29	OP	V04
Day	31057	TTh	11:00-12:15	1816	RUYS	01/20-05/29	OP	V05

(PSYC 1 CONTINUES)

Day	30939	TTh	12:30-1:45	2205	ROY	01/20-05/29	OP	V06
Day	30228	TTh	2:00-3:15	202	LEVEQUE	01/20-05/29	OP	V07
Day	31661	MW	12:30-1:45	802	ONEAL	01/20-05/29	OP	V08
Eve	30021	Th	4:00-6:50	1873	ONEAL	01/20-05/29	OP	093
Web	30451	By Arr	3.0 Hrs/Wk	ONLINE	RUYS	01/20-05/29	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	31075	By Arr	3.0 Hrs/Wk	ONLINE	RUYS	01/20-05/29	OP	DE2
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*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	30665	By Arr	3.0 Hrs/Wk	ONLINE	ROY	01/20-05/29	OP	DE3
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*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>.*

**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	30648	TTh	9:30-10:45	802	ROY	01/20-05/29	OP	V01
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**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	30521	MW	9:30-10:45	2480	JONES	01/20-05/29	OP	V01
Day	30385	MW	12:30-1:45	2205	JONES	01/20-05/29	OP	V02
Day	31058	TTh	12:30-1:45	203	JONES	01/20-05/29	OP	V03
Day	31175	Fri	9:00-11:50	2205	JONES	01/20-05/29	OP	V04
Eve	30071	Mon	7:00-9:50	2460	DOERR	01/20-05/29	OP	093
Web	31052	By Arr	3.0 Hrs/Wk	ONLINE	BUNDY	01/20-05/29	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	30365	MW	11:00-12:15	1641	DOERR	01/20-05/29	OP	V01
Day	30650	TTh	9:30-10:45	2470	JONES	01/20-05/29	OP	V02
Eve	30452	Th	7:00-9:50	2490	DOERR	01/20-05/29	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	30649	TTh	11:00-12:15	1871	LEVEQUE	01/20-05/29	OP	V01
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**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	30722	MW	12:30-1:45	1641	RUYS	01/20-05/29	OP	V01
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D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>PSYC 25 RESEARCH METHODS 4.0 Units</b>								
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	32571	MW	9:00-10:15	804	RUYS	01/20-05/29	OP	V01
	Lab	MW	10:30-11:45	804		01/20-05/29	OP	
Day	32572	TTh	12:30-1:45	805	RUYS	01/20-05/29	OP	V02
	Lab	TTh	2:00-3:15	805		01/20-05/29	OP	

<b>PSCN 13 MULTICULTURAL ISSUES/AMERICA 3.0 Units</b>								
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	30746	TTh	9:30-10:45	1641	GAGNON	01/20-05/29	OP	V01
Day	32743	MW	2:00-3:20	1602	VALLE	01/20-05/29	OP	V02
Day	30912	TTh	4:00-5:25	1641	GECOX	02/03-05/29	OP	LS1

PSCN 13-LS1 is a Late Start course that meets from Feb 3-May 29.

Web	30878	By Arr	3.0 Hrs/Wk	ONLINE	LEE	01/20-05/29	OP	DE1
PSCN 13-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> .								
Web	32337	By Arr	6.7 Hrs/Wk	ONLINE	HARBIN	03/23-05/21	OP	DE2
PSCN 13-DE2 is an online Late Start course that meets from Mar 23-May 21. 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> .								

## PSYCHOLOGY-COUNSELING

<b>PSCN 3 INTRO TO COUNSELING THEORY 3.0 Units</b>								
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	30750	MW	9:30-10:45	1641	GECOX	01/20-05/29	OP	V01

<b>PSCN 5 INTRO TO HUMAN SERVICES 3.0 Units</b>								
Course examines the history, theory, ethics, values and principles at work in the Human Services field. Emphasis is placed on modern theory, methods, and critical skills that lead to effective human service work. Students will examine theoretical systems, agency and community resources, a multicultural approach to diverse populations, personal motivation and professional characteristics needed to succeed in Human Services.								
Day	32742	MW	12:30-1:50	1602	STAFF	01/20-05/29	OP	V01

<b>PSCN 6 INTRO COUNSELING CASE MGT/HR 3.0 Units</b>								
Introduction to case management theory, models and techniques, multicultural issues affecting case management theory. Emphasis placed on case management philosophy, ethical issues, concepts and practices. Analysis of needs, documentation and confidentiality, and individualized consumer plan development. Strongly recommended: Psychology-Counseling 5.								
Day	30672	MW	2:00-3:15	1641	HIRAKI	01/20-05/29	OP	V01

<b>PSCN 10 CAREER AND EDUCATION PLANNING 2.0 Units</b>								
Exploration of the concept of educational/career planning focusing on personal career development through self-assessment, psychological testing, and individual counseling. Emphasis on clarification of individual interests, values, needs, and abilities and investigation of occupational opportunities in the world of work. Designed for those undecided or uncertain about their career and educational plans. (May not receive credit if Psychology-Counseling 10A or 10B has been completed.)								

Students enrolled in PSCN 10 will be assessed a \$27 materials fee at registration.

Day	30199	TTh	12:30-2:00	1641	DISCUA	03/23-05/21	OP	LS1
PSCN 10-LS1 is a Late Start course that meets from Mar 23-May 21.								
Eve	32741	Wed	5:00-6:50	1602	OLIVEIRA	01/20-05/29	OP	093
Web	30394	By Arr	2.0 Hrs/Wk	ONLINE	LEE	01/20-05/29	OP	DE1

PSCN 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>.

<b>PSCN 15 COLLEGE STUDY SKILLS 2.0 Units</b>								
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	31667	TTh	9:30-10:50	1602	GIOIA	01/20-03/20	OP	FT1
PSCN 15-FT1 is a Fast Track course that meets from Jan 20-Mar 20.								
Web	32179	By Arr	4.5 Hrs/Wk	ONLINE	LIRA	03/23-05/21	OP	DE1
PSCN 15-DE1 is an online Late Start course that meets from Mar 23-May 21. 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> .								

<b>PSCN 18 UNIVERSITY/TRANSFER PLANNING 1.0 Units</b>								
Resources and planning process needed to ease transition from a 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.								

Day	32173	TTh	11:00-11:50	1602	ZAPATA	01/20-03/20	OP	FT1
PSCN 18-FT1 is a Fast Track course that meets from Feb 3-May 29.								

Day	32779	MW	9:30-10:20	PE209	VALLE	01/20-03/20	OP	P01
PSCN 18-P01 is part of the PUENTE PROGRAM LEARNING COMMUNITY and is linked to ENG 1A-P01, MW 11am-12:15pm & 12:30-1:20pm. For more information, or to register for the program, please contact Rafael Valle at <a href="mailto:rvalle@laspositascollege.edu">rvalle@laspositascollege.edu</a> .								

<b>PSCN 25 TRANSITION TO COLLEGE 0.5 Units</b>								
A survey of practical strategies for academic success focusing on the new student. Examines goal setting, college policies, graduation requirements, campus resources, student rights and responsibilities, and student educational planning. Designed for the first-time college student in order to enhance their transition into college and maximize their academic/vocational potential. PSCN 25 is a hybrid course that includes: 1. Math/English Assessment, 2. Online orientation, and 3. group academic program planning session.								

Day	32510	Tue	3:30-5:30	1642A	LEE	01/26-02/02	P/N	DE1
	By Arr		4.0 Hrs/Wk	ONLINE		01/26-02/02	P/N	

PSCN 25-DE1 is a hybrid course that meets from Jan 26-Feb 2. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**PSCN 28 ORIENTATION / INTERNL 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 31056 Mon 2:00-3:00 2412 VICTORIA 02/03-05/29 P/N LSI  
*PSCN 28-LSI is a Late Start course that meets from Feb 3-May 29.*

## RADIATION SAFETY

**RADS 40B EMERGENCY RESPONSE & MONITORIN 1.0 Units**

A modularized course designed to provide basic radiation safety instruction. Includes identification of the sources of radiation and radioactive materials, the nature of ionization radiation, biological effects, risk assessment, protection strategies, environmental impacts, and waste handling. Prerequisite: Radiation Safety 40A (completed with a grade of "C" or higher).

Eve 32803 Wed 7:30-9:20 1602 STAFF 01/20-03/20 OP FT1  
*RADS 40B-FT1 is a Fast Track course that meets from Jan 20-Mar 20.*

**RADS 40C SAFETY CONTROLS & REGULATION 1.0 Units**

A modularized course designed to provide basic radiation safety instruction. Includes identification of the sources of radiation and radioactive materials, the nature of ionization radiation, biological effects, risk assessment, protection strategies, environmental impacts, and waste handling. Prerequisite: Radiation Safety 40B (completed with a grade of "C" or higher).

Eve 32804 Wed 7:30-9:20 1602 STAFF 03/23-05/21 OP FT2  
*RADS 40C-FT2 is a Fast Track course that meets from Mar 23-May 21.*

## 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.

Day 30364 Th 11:00-1:50 1873 HINERMAN 01/20-05/29 GR V01

Web 30198 By Arr 3.0 Hrs/Wk ONLINE TOMLINSON 01/20-05/29 GR DE1

*RELS 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 32166 By Arr 3.0 Hrs/Wk ONLINE TOMLINSON 01/20-05/29 GR DE2

*RELS 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>.*

**RELS II THE NATURE OF ISLAM 3.0 Units**

Introduction to the nature of Islam as a religion or system for life, its culture and its impact on Muslim individuals and groups. Includes a brief history of Islam and Muslims in relation to the basic sources of Islam.

Eve 30543 TTh 4:00-6:50 4212 HUSAINI 01/20-05/29 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 30022 MW 12:30-1:45 202 STAFF 01/20-05/29 OP V01

Day 30023 TTh 8:00-9:15 204 STAFF 01/20-05/29 OP V02

Day 31671 TTh 9:30-10:45 202 STAFF 01/20-05/29 OP V03

Eve 30940 Wed 7:00-9:50 2204 STAFF 01/20-05/29 OP 093

Web 30467 By Arr 3.0 Hrs/Wk ONLINE THOMPSON 01/20-05/29 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 31070 By Arr 3.0 Hrs/Wk ONLINE THOMPSON 01/20-05/29 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 32300 By Arr 3.0 Hrs/Wk ONLINE THOMPSON 01/20-05/29 OP DE4  
*SOC 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>.*

**SOC 3 CULTURAL AND RACIAL MINORITIES 3.0 Units**

Analysis of Racial and ethnic relations in the United States. Includes race, ethnicity, prejudice, discrimination and stereotyping, as well as theories and patterns of intergroup relations. Focus on contemporary American minorities; African Americans, Chicano/Latinos, Asian Americans, and Native Americans. Strongly recommended: Sociology 1 or Anthropology 3 or Psychology 1 or 50.

Day 30667 MW 11:00-12:15 2480 STAFF 01/20-05/29 OP V01

Web 30976 By Arr 3.0 Hrs/Wk ONLINE SADEGHI 01/20-05/29 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>.*

**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 30941 MW 9:30-10:45 203 STAFF 01/20-05/29 OP V01

Web 32705 By Arr 3.0 Hrs/Wk ONLINE BAUER 01/20-05/29 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 6 SOCIAL PROBLEMS 3.0 Units**

This course provides students with an overview of contemporary social problems from a sociological perspective. Particular attention is directed to the institutional and organizational features of societies that generate poverty, racism, sexism, urban and population resource, environmental, criminal justice, and identity politics based problems for people.

Web 32218 By Arr 3.0 Hrs/Wk ONLINE BAUER 01/20-05/29 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 30668 TTh 2:00-3:15 203 STAFF 01/20-05/29 OP V01



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>SOC 11 SOCIOLOGY OF GENDER 3.0 Units</b>									<b>SPAN 2B ADVANCED SPANISH 4.0 Units</b>								
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 performance. This class focus includes both macro-analyses of how institutions shape gender and microanalyses of how individuals "do" or practice gender. Topics include: work, violence, sexual roles, early childhood socialization, and the impact of media images.									Reading of Spanish authors and advanced review of grammar. Speaking and composition. Prerequisite: Spanish 2A (completed with a grade of "C" or higher).								
Day	30393	TTh	12:30-1:45	2470	THOMPSON	01/20-05/29	OP	V01	Day	30566	MW	9:30-11:20	402	SUAREZ	01/20-05/29	OP	V01
<div style="border: 1px solid black; padding: 5px;">                     SPAN 2B-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 <a href="http://www.laspositascollege.edu/honors">www.laspositascollege.edu/honors</a> for more information.                 </div>																	

<b>SOC 12 POPULAR CULTURE 3.0 Units</b>								
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	32706	TTh	11:00-12:15	1641	THOMPSON	01/20-05/29	OP	V01

## SPANISH

<b>SPAN 1A BEGINNING SPANISH 5.0 Units</b>								
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. Strongly Recommended: Eligibility for English 1A. 5 hours.								
Day	30450	MWF	9:30-10:50	1826	STAFF	01/20-05/29	OP	V01

*SPAN 1A-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.*

Day	30565	MW	11:30-1:45	402	SUAREZ	01/20-05/29	OP	V02
Day	31172	TTh	2:00-4:15	4128	SUAREZ	01/20-05/29	OP	V03

*SPAN 1A-V03 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	30740	TTh	7:00-9:15	2204	STAFF	01/20-05/29	OP	093
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<b>SPAN 1B ELEMENTARY SPANISH 5.0 Units</b>								
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 grade of "C" or higher). 5 hours.								
Day	30466	TTh	9:30-11:45	503	SUAREZ	01/20-05/29	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.*

<b>SPAN 2A INTERMEDIATE SPANISH 4.0 Units</b>								
Review of grammar and reading of works of modern authors. Conversation and composition. Prerequisite: Spanish 1B (completed with a grade of "C" or higher).								
Day	31299	MW	9:30-11:20	402	SUAREZ	01/20-05/29	OP	V01

*SPAN 2A-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

<b>SPCH 1 FUNDAMENTALS/SPEECH COMMUNICAT 3.0 Units</b>								
Developing, stating, organizing, researching ideas, and presenting them to an audience. Developing the faculties of critical listening and problem-solving. Strongly recommended: eligibility for English 1A.								
Day	32175	MW	8:00-9:15	4212	DOBSON	01/20-05/29	OP	V01
Day	30607	MW	9:30-10:45	4212	DRUMMOND	01/20-05/29	OP	V02
Day	30336	MW	11:00-12:15	4212	DOBSON	01/20-05/29	OP	V03
Day	30391	MW	11:00-12:15	4213	HEISLER	01/20-05/29	OP	V04
Day	30098	MW	12:30-1:45	4212	HEISLER	01/20-05/29	OP	V05
Day	30453	MW	2:00-3:15	4212	JOVIEN	01/20-05/29	OP	V06
Day	30100	Fri	9:30-12:20	4213	JOVIEN	01/20-05/29	OP	V07
Day	30097	TTh	8:00-9:15	4212	DOBSON	01/20-05/29	OP	V08
Day	30337	TTh	9:30-10:45	4212	DOBSON	01/20-05/29	OP	V09
Day	31241	TTh	9:30-10:45	4213	BREHE-JOHSN	01/20-05/29	OP	V10
Day	30849	TTh	11:00-12:15	4212	HEISLER	01/20-05/29	OP	V11
Day	31415	TTh	11:00-12:15	4213	BREHE-JOHSN	01/20-05/29	OP	V12
Day	30099	TTh	12:30-3:20	4212	HEISLER	01/20-03/20	OP	FT1
<i>SPCH 1-FT1 is a Fast Track course that meets from Jan 20-Mar 20.</i>								
Day	30101	TTh	12:25-3:25	4212	HEISLER	03/23-05/21	OP	FT2
<i>SPCH 1-FT2 is a Fast Track course that meets from Mar 23-May 21</i>								
Eve	30225	Mon	7:00-10:00	4212	DRUMMOND	01/20-05/29	OP	093
Eve	30356	Tue	7:00-9:50	4212	KELLNER	01/20-05/29	OP	094
Eve	30526	Wed	7:00-9:50	4212	DRUMMOND	01/20-05/29	OP	095
Eve	31668	Th	7:00-9:50	4213	NORTON	01/20-05/29	OP	096

<b>SPCH 5 READERS THEATER 3.0 Units</b>								
Introduction to the various media and techniques used in readers' theater and the arrangement and programming of literature. Performance and/or arrangement of programs for specific audiences using live theater presentations, television, and/or radio.								
Day	31180	MW	9:30-10:45	4128	DOBSON	01/20-05/29	OP	V01

<b>SPCH 11 INTERCULTURAL COMMUNICATION 3.0 Units</b>								
A study of the way people from different cultures perceive and transmit messages. Emphasis on practical application of skills for effective communication between people of different domestic and international cultures.								
Day	30386	MW	3:30-4:45	4212	JOVIEN	01/20-05/29	GR	V01

<b>SPCH 46 ARGUMENTATION AND DEBATE 3.0 Units</b>								
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.								
Day	30284	Fri	9:30-12:20	4212	HEISLER	01/20-05/29	OP	V01



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>SPCH 48 ACTIVITIES IN FORENSICS 1.0 Units</b>																	
Intercollegiate competition in the areas of public speaking and oral interpretation. Other activities include performance in workshops, festivals, concert readings and the community.																	
Day	30850	Lab	Fri	1:30-4:20	4211	BREHE-JOHNS	01/20-05/29	OP	V01								
Lab	By Arr	9.0 Hrs/Wk	4211														
SPCH 48-V01 is offered for 1.0-4.0 units.																	

## THEATER ARTS

<b>THEA 1A THEORY/PRACTICE OF ACTING I 3.0 Units</b>																	
Introduction to the techniques and theories of acting, explored through improvisation, exercises and scene study. Development of the physical and psychological resources for acting including relaxation, concentration, creativity, believability, and commitment. Strongly recommended: Eligibility for English 1A.																	
Day	30567	TTh	11:00-12:15	4128	LISH	01/20-05/29	GR	V01									

<b>THEA 1B THEORY/PRACTICE OF ACTING II 3.0 Units</b>																	
Continued exploration of the theory and practice of acting, focusing on more complex characterization and character analysis. Introduction to theatrical styles and period acting using monologues and scenes. Prerequisite: Theater Arts 1A (or equivalent).																	
Day	30127	TTh	12:30-1:45	4128	LISH	01/20-05/29	GR	V01									

<b>THEA 3 THEATER IMPROVISATION 3.0 Units</b>																	
Introduction to Improvisation. Workshop exercises in theater experience through the operational structure of the game. Mimes, characterizations, scene setting, mood and material for extended ensemble improvisation. Recommended for non-theater as well as theater majors.																	
Day	31669	TTh	9:00-10:15	4128	WISELY	01/20-05/29	OP	V01									

<b>THEA 4 AMERICAN CULTURES IN THEATER 3.0 Units</b>																	
The history, representation and contributions of various ethnic groups in American theater and the study of theater as an instrument for expressing and understanding cultural identity. The focus will be on: African American, Asian American, and Latino American theater. Strongly Recommended: Eligibility for English 1A.																	
Day	30864	TTh	3:30-4:45	4138	MORGAN	01/20-05/29	GR	V01									

<b>THEA 31A DRAMA WORKSHOP-BEGINNING 3.0 Units</b>																	
Participation in experimental workshop plays, original student scripts, and other projects, possibly leading to scheduled performances. Casting subject to audition.																	
Day	32574	Lab	MW	12:30-2:20	4128	MACLEAN	01/20-05/29	OP	V01								
By Arr	5.0 Hrs/Wk	4125															

<b>THEA 31B DRAMA WORKSHOP-INTERMEDIATE 3.0 Units</b>																	
Participation as an experienced actor in one act plays, original student scripts, or other projects, leading to scheduled performances. Casting subject to audition. Prerequisite: THEA 31A (completed with a grade of "C" or better).																	
Day	32575	Lab	MW	12:30-2:20	4128	MACLEAN	01/20-05/29	OP	V01								
By Arr	5.0 Hrs/Wk	4125															

<b>THEA 31C DRAMA WORKSHOP-ADVANCED 3.0 Units</b>																	
Participation as an advanced actor in one act plays, original student scripts, or other projects preferably in styles or genres different from those done in Theater 31 A and B. Casting subject to audition. Prerequisite: THEA 31B (completed with a grade of "C" or better).																	
Day	32576	Lab	MW	12:30-2:20	4128	MACLEAN	01/20-05/29	OP	V01								
By Arr	5.0 Hrs/Wk	4125															

<b>THEA 31D DRAMA WORKSHOP-DIRECTING 3.0 Units</b>																	
Participation as a director or assistant director of one leading to scheduled performances.																	
Day	32577	Lab	MW	12:30-2:20	4128	MACLEAN	01/20-05/29	OP	V01								
By Arr	5.0 Hrs/Wk	4125															

<b>THEA 41B ADVANCED PASSPORT TO THEATER 3.0 Units</b>																	
Advanced level participation in scheduled performances of the theater department as a performer, stage manager, assistant director/designer or running crew member. Enrollment is for the duration of the pre-show preparation, through rehearsals and performances.																	
Eve	32284	TWTh	7:00-7:50	4128	LISH	01/20-05/29	OP	093									

<b>THEA 47 COLLEGE THEATER ACTING 3.0 Units</b>																	
Participation in cast of scheduled major production. Enrollment is for the duration of the production. Enrollment by audition only.																	
Eve	30128	MTWTh	7:00-9:50	4128	LISH	01/20-05/29	OP	093									

ENROLLMENT IS BASED UPON BEING CAST IN THE SPRING MUSICAL, "CABARET". AUDITIONS WILL BE HELD ON DEC. 18 AND 19 FROM 7-9:30PM IN THE BLACK BOX THEATER (ROOM 4128). FOR MORE INFORMATION CONTACT: TLISH@LASPOSITASCOLLEGE.EDU. THEA 47 MEETS FROM JANUARY 22-APRIL 13.????????

<b>THEA 48 COLLEGE THEATER TECHNICAL 3.0 Units</b>																	
Participation in scheduled productions as crew members and/or constructing its technical elements. Enrollment is for the entire semester.																	
Sat	30151	Sat	10:00-12:50	4125	KENDALL	01/20-05/29	OP	WE1									
By Arr	3.0 Hrs/Wk	4125															

## TUTORING

<b>TUTR 17 TUTOR TRAINING 0.5 Units</b>																	
An introduction to tutoring theory and practice. The course will provide a conceptual frame work of tutoring to guide student's work in leading effective tutoring sessions.																	
Day	30333	Fri	11:00-11:50	2401	TRUMMEL	01/20-05/29	P/N	WE1									
Lab	By Arr	3.0 Hrs/Wk	tba														

*TUTR 17-WE1 meets 2-hour sessions on 1/23, 1/30, 2/6 from 12-1:50pm; and two 1-hour sessions on 2/13, 2/10. Please contact Pauline Trummel, Tutorial Programs Instructor/Coordinator for an interview at 925-424-1471. There will be 18 hours of tutoring arranged. No previous experience necessary.*

<b>TUTR 29 INDEPENDENT STUDY-TUTORING 0.5 Units</b>																	
Practical experience in tutoring to help other students learn and succeed in school-related activities. Provides opportunities to gain experience in the field of education.																	
Day	31076	Fri	11:00-11:50	2401	TRUMMEL	01/20-05/29	P/N	V01									
By Arr	4.0 Hrs/Wk	tba															

*There will be up to 72 total tutoring hours to be arranged. No previous experience required. Please meet with Pauline Trummel before registering for this class.*

<b>TUTR 200 SUPRVS D LEARN ASSIST-IND STUDY 0.0 Units</b>																	
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	30334	By Arr	22.2 Hrs/Wk	tba	TRUMMEL	01/20-05/29	OP	V01									

## VISUAL COMMUNICATIONS

### VCOM 50 VISUAL COM/PROCESS OF DESIGN 2.0 Units

Introduction to the vocation of visual communication and the creative processes, methods and tools used in developing concepts and final designs for print or web. Emphasis is placed on exploring the conceptual design process, learning the language of design, and basic level technical skills and techniques used across industry standard software, cross-platform operating systems, and hardware. Strongly recommended: Visual Communications 48.

Day	30564	Mon	8:30-9:20	300	HOGAN	02/03-05/29	OP	V01
Lab		Mon	9:30-10:45	300		02/03-05/29	OP	
Lab		Wed	8:30-10:45	300		02/03-05/29	OP	

*VCOM 50-V01 is a Late Start course that meets from Feb 3-May 29.*

### VCOM 51 COLOR FOR DESIGN 2.0 Units

A basic-level course highlighting color as an element for communication and expression in all visual fields. Covers key color systems and their relevance to graphic and other visual arts, creative and technical aspects of color available in the Adobe Creative Suite applications including color expression, color theory, color interaction, color psychology, color perception, using color for an ethnically diverse, international audience, color theories, color trends, color reproduction, pre-press and screen view considerations. Strongly recommended: Visual Communications 48.

Day	32514	Tue	8:00-10:50	300	HOGAN	01/20-05/29	OP	V01
Lab		Th	8:00-10:30	300		01/20-05/29	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 class meeting.*

### VCOM 52 INTRODUCTION TO TYPOGRAPHY 3.0 Units

This course examines letterforms and fundamental typographic principles, with emphasis on the vocabulary of typographic form and its relationship to message/purpose in graphic design. Typography is the backbone of graphic design, and the ability to design effectively with type is essential for a graphic designer. Course includes applied history and theory highlighting type as an element for communication and expression, exploration of appropriate use of type families, type trends and typographic design used for an ethnically diverse, international audience. In-class focus on the mechanics of type design, type legibility, visual appropriateness, and project-based work exploring creative and technical aspects involved in designing text using the newest versions of Adobe Creative Suite software. Strongly Recommended: Visual Communications 50.

Day	31542	TTh	11:00-11:50	300	BERENDT	01/20-05/29	OP	V01
Lab		TTh	12:00-1:50	300		01/20-05/29	OP	

### 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	31069	Mon	2:00-2:50	300	JAY	01/20-05/29	OP	V01
Lab		Mon	3:00-4:25	300		01/20-05/29	OP	
Lab		Wed	2:00-4:25	300		01/20-05/29	OP	

*This course may include student-provided art supplies or color printing cards. Your instructor will advise at the first class meeting.*

### VCOM 54 ILLUSTRATOR I FOR DESIGN 2.0 Units

Technical and drawing skill development course using the latest version of Illustrator at the basic-to intermediate-level to render 2-D and 3-D digital drawings 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.

Day	31917	TTh	2:00-2:50	300	BERENDT	01/20-05/29	OP	V01
Lab		TTh	3:00-4:45	300		01/20-05/29	OP	

*This course may include student-provided art supplies or color printing cards. Your instructor will advise at the first class meeting.*

### VCOM 55 WEB DESIGN I 3.0 Units

This basic-level web design course takes a visual communications approach to the creation of web sites, and the fundamental techniques required to format text, illustrations, tables, and images for the web. Emphasis is placed on appropriate design for the web-beginning with a graphic user interface that is functional, logical, and attractive, and bringing the concept to life using the latest versions of Dreamweaver. Also included is a brief overview of html code, cascading style sheets, and detailed instruction of how to use Dreamweaver to create web content. Strongly Recommended: Visual Communications 51 and either Visual Communications 53 or Visual Communications 54.

Day	32515	MW	11:00-11:50	300	JAY	01/20-05/29	OP	V01
Lab		MW	12:00-1:50	300		01/20-05/29	OP	

### VCOM 56 DESIGN CONCEPTS I 3.0 Units

Design and skills development course exploring the creative processes, methods, strategies and tools used in developing concepts and final designs in any visual field including the basic elements of design: line, texture, value, shape, color, light, and spatial concepts. Emphasis is placed on experience applying design principles and conventions to create 2-dimensional work. Use of computers as digital design tool along with basic manual techniques relating to effective preparation, presentation, craftsmanship and professionalism in presentation. Strongly Recommended: Visual Communications 51 and Visual Communications 52 and either Visual Communications 53 or Visual Communications 54.

Eve	31918	MW	6:00-6:50	300	STAFF	01/20-05/29	OP	093
Lab		MW	7:00-8:50	300		01/20-05/29	OP	

## VITICULTURE AND WINERY TECH

### 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.

Day	32882	Tue	3:00-5:50	1814	BRENNAN	01/20-05/29	GR	V01
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### VWT 25 SENSORY ANALYSIS OF WINES 3.0 Units

A sensory course designed for individuals to learn organoleptic testing techniques, characteristics and styles of wine varieties, wine sensory evaluation methods including statistical analysis of trials, philosophy of wine styles, and the common evaluation methods used in sensory testing. Students must be 21 years of age or older. This class has a materials fee above the regular enrollment fee.

*Students under 21 years of age must have a declared major in either Viticulture or Enology in order to participate in wine tasting under the new "Sip and Spit" legislation.*

*There is a materials fee of \$100 associated with this class.*

Eve	31957	Wed	5:00-7:50	1814	EVERETT	01/20-05/29	GR	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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**VWT 32 VINEYARD OPERATIONS II 3.0 Units**

Viticulture practices for the spring and summer season including cultivation, planting and training a new vineyard, pest and dispose control, soils, frost control, irrigation practices, quality control measures and vineyard equipment use. Emphasis on practical applications of viticulture. Prerequisite: Viticulture (VWT) 10

*Students under 21 years of age must have a declared major in either Viticulture or Enology in order to participate in wine tasting under the new "Sip and Spit" legislation.*

Eve	32878	Mon	5:00-7:50	1814	EVERETT	01/20-05/29	OP	093
	Lab	By Arr	1.0 Hrs/Wk	tba		01/20-05/29	OP	

**VWT 42 WINERY OPERATIONS 2 3.0 Units**

Winery operations for the winter and spring seasons, including handling and storage of new wines; maintenance of wines from previous vintages; general cellar practices. Students must be at least 21 years of age in order to participate in wine tasting.

*Students under 21 years of age must have a declared major in either Viticulture or Enology in order to participate in wine tasting under the new "Sip and Spit" legislation.*

Eve	31038	Tue	6:00-8:50	1814	EVERETT	01/20-05/29	GR	093
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**VWT 44 WORLD VITICULTURE AND WINES 3.0 Units**

This course is 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. Student must be 21 years of age. There is a materials fee associated with this class.

*Students under 21 years of age must have a declared major in either Viticulture or Enology in order to participate in wine tasting under the new "Sip and Spit" legislation.*

*There is a materials fee of \$100 associated with this class.*

Eve	32084	Th	5:00-6:50	1814	EVERETT	01/20-05/29	GR	093
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## WELDING TECHNOLOGY

**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: WLDT 61A or WLDT 61B.

**STUDENTS ENROLLED IN WLDT 61AL LAB MUST ALSO BE ENROLLED IN WLDT 61B LECTURE.**

*Students enrolled in this lab class will be assessed a \$70 materials fee at registration.*

Day	31193	Lab Mon	4:30-6:45	810	STAFF	01/20-05/29	OP	V01
		Lab Wed	3:30-6:45	810		01/20-05/29	OP	
Eve	31438	Lab Mon	8:00-10:15	810	STAFF	01/20-05/29	OP	093
		Lab Wed	7:00-10:15	810		01/20-05/29	OP	

**WLDT 61B ADVANCED STICK/FLUX/BLUEPRINT 1.0 Units**

Theory and safety of Stick (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 for welders and hazardous material regulations. Prerequisite: WLDT 61A. Corequisite: WLDT 61AL or WLDT 61BL.

**STUDENTS ENROLLED IN WLDT 61B LECTURE MUST ALSO BE ENROLLED IN WLDT 61AL OR WLDT 61BL LAB.**

Eve	31192	Mon	7:00-7:50	1602	STAFF	01/20-05/29	OP	094
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**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: WLDT 61AL. Corequisite: WLDT 61A or WLDT 61B.

**STUDENTS ENROLLED IN WLDT 61BL LAB MUST ALSO BE ENROLLED IN WLDT 61B LECTURE.**

*Students enrolled in this lab class will be assessed a \$70 materials fee at registration.*

Day	31194	Lab Mon	4:30-6:45	810	STAFF	01/20-05/29	OP	V01
		Lab Wed	3:30-6:45	810		01/20-05/29	OP	
Eve	31440	Lab Mon	8:00-10:15	810	STAFF	01/20-05/29	OP	093
		Lab Wed	7:00-10:15	810		01/20-05/29	OP	

**WLDT 62AL BEGTIG, 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: WLDT 62A or WLDT 62B.

**STUDENTS ENROLLED IN WLDT 62AL LAB MUST ALSO BE ENROLLED IN WLDT 62B LECTURE.**

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

Eve	31015	Lab Tue	8:00-10:15	810	STAFF	01/20-05/29	OP	093
		Lab Th	7:00-10:15	810		01/20-05/29	OP	
Eve	31014	Lab Tue	4:30-6:45	810	STAFF	01/20-05/29	OP	094
		Lab Th	3:30-6:45	810		01/20-05/29	OP	

**WLDT 62B ADV TIG, MIG, BLUEPRINT THEORY 1.0 Units**

Theory and safety of TIG (GTAW) and MIG (GMAW) welding of steel, flame cutting, plasma and carbon arc cutting. American Welding Society nomenclature, electrode and wire selection, job opportunities. Blueprint reading, welding symbols for welders and hazardous material regulations. Corequisite: WLDT 62AL or WLDT 62BL.

**STUDENTS ENROLLED IN WLDT 62B LECTURE MUST ALSO BE ENROLLED IN WLDT 62AL OR WLDT 62BL LAB.**

Eve	31023	Tue	7:00-7:50	2470	STAFF	01/20-05/29	OP	093
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**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: WLDT 62AL. Corequisite: WLDT 62A or WLDT 62B.

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

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

Eve	31016	Lab Tue	8:00-10:15	810	STAFF	01/20-05/29	OP	093
		Lab Th	7:00-10:15	810		01/20-05/29	OP	
Eve	31017	Lab Tue	4:30-6:45	810	STAFF	01/20-05/29	OP	094
		Lab Th	3:30-6:45	810		01/20-05/29	OP	

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>WLDT 66 WELDING INSPECTION AND TESTING 2.0 Units</b>																	
Theory and skills in performing inspections and tests using destructive and nondestructive methods. Tensile and hardness testing; dye penetrant, magnetic particle, radiographic, ultrasonic, and metallographic inspection.																	
<b>Prerequisite:</b> WLDT 62BL.																	
<i>Students enrolled in this lab class will be assessed a \$30 materials fee at registration.</i>																	
Eve	32010	Th	6:00-6:50	810	MINER	01/20-05/29	OP	093									
		Lab	By Arr	3.0 Hrs/Wk	810	01/20-05/29	OP										
<b>WLDT 67A WELDING SKILLS LABORATORY 2.0 Units</b>																	
Development and improvement of skills in Arc (SMAW), Flux-core (FCAW), MIG (GMAW), and TIG (GTAW) welding.																	
<b>Prerequisite:</b> WLDT 61AL.																	
<i>Students enrolled in this lab class will be assessed a \$40 materials fee at registration.</i>																	
Day	31018	Lab	Mon 4:30-6:45	810	STAFF	01/20-05/29	OP	V01									
		Lab	Wed 3:30-6:45	810		01/20-05/29	OP										
Day	31442	Lab	Tue 4:30-6:45	810	STAFF	01/20-05/29	OP	V02									
		Lab	Th 3:30-6:45	810		01/20-05/29	OP										
Eve	32815	Lab	Mon 8:00-10:15	810	STAFF	01/20-05/29	OP	093									
		Lab	Wed 7:00-10:15	810		01/20-05/29	OP										
Eve	32816	Lab	Tue 8:00-10:15	810	STAFF	01/20-05/29	OP	094									
		Lab	Th 7:00-10:15	810		01/20-05/29	OP										
Sat	31019	Lab	Sat 9:00-3:10	810	STAFF	01/20-05/29	OP	WEI									
<b>WLDT 67B ADVANCED WELDING SKILLS LAB 2.0 Units</b>																	
Advanced development and improvement of skills in Arc (SMAW), Flux-core (FCAW), MIG (GMAW), and TIG (GTAW) welding.																	
<b>Prerequisite:</b> WLDT 67A.																	
<i>Students enrolled in this lab class will be assessed a \$40 materials fee at registration.</i>																	
Day	31020	Lab	Mon 4:30-6:45	810	STAFF	01/20-05/29	OP	V01									
		Lab	Wed 3:30-6:45	810		01/20-05/29	OP										
Day	31443	Lab	Tue 4:30-6:45	810	STAFF	01/20-05/29	OP	V02									
		Lab	Th 3:30-6:45	810		01/20-05/29	OP										
Eve	32817	Lab	Mon 8:00-10:15	810	STAFF	01/20-05/29	OP	093									
		Lab	Wed 7:00-10:15	810		01/20-05/29	OP										
Eve	32818	Lab	Tue 8:00-10:15	810	STAFF	01/20-05/29	OP	094									
		Lab	Th 7:00-10:15	810		01/20-05/29	OP										
Sat	31021	Lab	Sat 9:00-3:10	810	STAFF	01/20-05/29	OP	WEI									
<b>WLDT 68 CERTIFICATION PREPARATION 2.0 Units</b>																	
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.																	
<b>Prerequisite:</b> WLDT 67A.																	
<i>Students enrolled in this lab class will be assessed a \$40 materials fee at registration.</i>																	
Day	31022	Lab	Mon 4:30-6:45	810	STAFF	01/20-05/29	OP	V01									
		Lab	Wed 3:30-6:45	810		01/20-05/29	OP										
Day	31195	Lab	Tue 4:30-6:45	810	STAFF	01/20-05/29	OP	V02									
		Lab	Th 3:30-6:45	810		01/20-05/29	OP										
Eve	32819	Lab	Mon 8:00-10:15	810	STAFF	01/20-05/29	OP	093									
		Lab	Wed 7:00-10:15	810		01/20-05/29	OP										
Eve	32820	Lab	Tue 8:00-10:15	810	STAFF	01/20-05/29	OP	094									
		Lab	Th 7:00-10:15	810		01/20-05/29	OP										
Sat	32011	Lab	Sat 9:00-3:10	810	STAFF	01/20-05/29	OP	WEI									
<b>WLDT 69A FABRICATION &amp; INSTAL PIPE SYST 3.0 Units</b>																	
Theory and practical application of: pipe joint preparation and design, API (American Petroleum Institute) and AWS (American Welding Society) welding codes specification for pipe and pipe fittings, analysis of joint configuration, plasma and flame cutting of pipes, wire and electrodes selections, beginning of pipe welding blue print and welding symbols, SMAW, GMAW, and GTAW of pipe joints, non-destructive and destructive test and qualitative concepts of evaluation.																	
<b>Prerequisite:</b> WLDT 61BL or WLDT 62BL.																	
<i>Students enrolled in this lab class will be assessed a \$100 materials fee at registration.</i>																	
Sat	31053	Sat	8:00-8:50	810	STAFF	01/20-05/29	OP	WEI									
		Lab	Sat 9:00-3:10	810		01/20-05/29	OP										
<b>WLDT 69B ADVANCED PIPE WELDING 3.0 Units</b>																	
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.																	
<b>Prerequisite:</b> WLDT 69A.																	
<i>Students enrolled in this lab class will be assessed a \$100 materials fee at registration.</i>																	
Sat	31054	Sat	8:00-8:50	810	STAFF	01/20-05/29	OP	WEI									
		Lab	Sat 9:00-3:10	810		01/20-05/29	OP										
<b>WLDT 71 WELDING FOR THE ARTS 3.0 Units</b>																	
Provides basic welding, shop skills and instruction that artistically inclined individuals should know in order to be effective in the process of creating metal art and sculpture. Provides instruction on types of metals aluminum, iron, steel, cast iron, bronze, stainless steel, etc.), mechanical fastenings, cutting and permanent joining together of metals and alloys through welding processes such as SMAW, GMAW, GTAW, FCAW, oxyacetylene and braze welding, plasma and fuel gas cutting. Instruction includes general shop safety, equipment use, finishing, welding electricity fundamentals, welding consumable identification, and hazardous materials regulation.																	
Day	32209	Tue	9:00-9:50	810	MINER	01/20-05/29	OP	V01									
		Lab	Tue 10:00-12:20	810		01/20-05/29	OP										
		Lab	Th 9:00-12:20	810		01/20-05/29	OP										
<b>WLDT 80 THE WELDING BUSINESS 2.0 Units</b>																	
This course explores the combination of materials, labor and machines. This course examines the unique aspects associated with the operation of a successful welding business. This course provides a basic understanding of the flow of work through a welding operation from the initial customer contact through the completed component arriving at the customers receiving facility. A discussion of who the customer base is, how does the company locate work that fits their capability, the request for quotation, the processes of bidding on work, estimating, quotations, contract documents, codes, specifications, customer requirements, manufacturing travelers, quality control, manufacturing methods, labor, raw material sources, subcontractors, finishing, transportation, materials handling, packaging, and the process for getting paid for doing the work. Basic definitions of business concepts such as accounting, labor laws, compliance, taxes, cash flow, payroll accounts receivable, accounts payable, balance sheet, as well as profit and loss as they relate to a welding business.																	
Eve	32821	Wed	7:00-8:50	201	MINER	01/20-05/29	OP	093									



## WOMENS STUDIES

**WMST 2 GLOBAL PERSPECTIVE OF WOMEN 3.0 Units**

Examines the cultural, historical, political and economic experiences of women globally. Introduces feminist perspectives on a wide range of issues affecting women including globalization, war, education, work, family and religion in Asia, Africa, the Middle East and Latin America.

Day 32152 MW 2:00-3:15 2450 BENGIVENO 01/20-05/29 OP V01

## WORK EXPERIENCE

**WRKX 95 WORK EXPERIENCE 1.0 Units**

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

*WRKX 95 and WRKX 96 must be taken together. These courses have an online component which begins February 3; there are five required on-campus meetings.*

Day 31176 By Arr 16.8 Hrs/Wk tba GRAVINO 02/03-05/29 GR LSI

*WRKX 95 is a Late Start course that meets from Feb 3-May 29.*

**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.**

*WRKX 95 and WRKX 96 must be taken together. These courses have an online component which begins February 2; there are five required on-campus meetings.*

Web 31177 By Arr 1.0 Hrs/Wk ONLINE GRAVINO 02/02-05/29 GR DEI

Mon 6:00-6:50 805 02/02, 03/02, 04/06, 05/04, & 05/25 only

*WRKX 96-DEI is a Late Start HYBRID course that meets from Feb 2-May 29. All class meetings will be online EXCEPT on the following dates when students will meet on campus from 6:00-6:50pm in Room 805: February 2, March 2, April 6, May 4 and May 25. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*