

2012 Santa Ana College Summer

Schedule of Classes



Summer Session Dates

4-week Summer
June 11 - July 6
July 9 - Aug 3

6-week Summer
June 11 - July 20

8-week Summer
June 11 - August 3

Late Registration & Add Period

**June 11 Class Start -
Add Period June 11-14**

**July 9 Class Start -
Add Period July 9-12**

Welcome to Santa Ana College!



We are excited to continue SAC's outstanding history and legacy of success. Our faculty and staff, academic programs, and student services are ranked high in quality among our alumni. This summer we encourage you to take advantage of our wide range of resources available to help reach your potential in all areas of life and academics.

The SAC Family looks forward to serving your educational needs.

See you around campus!

Erlinda J. Martinez, Ed.D.

A complete list of classes available online: **sac.edu**

HOW TO APPLY AND REGISTER

NOTE:

Please check that your email address is current in your student profile online in order to receive your ID and password.

Summer hours are Monday–Thursday, 8:00 am–6:45 pm

STEP ONE:

To apply to Santa Ana College, complete an application online at www.sac.edu. Click on the **APPLY NOW** link. After submitting all of your information, you will receive an e-mail confirmation from CCCApply. Within 24 hours, you will receive another e-mail from Santa Ana College with your student ID number and important registration information. You will be able to log in to **Online Records** to view your registration date within two business days of your application.

STEP TWO:

ONLINE REGISTRATION STEPS:

Online Records is open Monday–Sunday (Please note: The online system will not be available on Saturdays from 2:00 am to 5:00 am).

- 1 Go to www.sac.edu and click on the “**Online Records**” link.
- 2 Click on “**Log In**” from the Main Menu.
- 3 From the Menu, click on the “**Student**” tab.
- 4 Log in (if you forget your password, go back to the Main Menu and click on the “**What’s my password?**” link).
- 5 Click on “**Register for Sections**” from the Registration Menu.
- 6 Follow the instructions to complete your registration.
- 7 Pay immediately to keep your classes.

ONLINE PRIORITY REGISTRATION DATES:

To view your registration date, please log in to **Online Records** and click on the “View Your Registration Appt” link located on the Students Menu.

Continuing Students	May 7–June 9
New Students	May 29–June 9
CAP High School Students	June 7–June 9

DROP FOR NON-PAYMENT POLICY

Enrollment fees must be paid IN FULL within 3 calendar days of registration or all of your classes will be dropped and released to other students. There will be no drops for nonpayment processed once the semester begins. Therefore, **any class registered on or after the Wednesday before the start of semester will not be dropped for nonpayment and continues to be the student’s responsibility to drop if not attending.** If you need assistance paying your enrollment fees and would like to apply for a Fee Waiver, go to www.cccapply.org/BOG Waiver/. It is your responsibility to check your account balance and pay the amount owed.

STUDENT RESPONSIBILITY TO DROP CLASSES

To avoid a “W” grade, students must drop classes on or before the day of first class meeting. Students will not be automatically dropped for non-attendance. You must drop online. After the first day of the first class meeting, you will not be eligible to receive a refund for your classes nor be exempt from payment.

WAIT LIST POLICY

You are not able to wait list more than one section per course. You cannot wait list a course that will conflict with another course. As seats become available, students will be moved into an open seat. You will be notified by email (it is your responsibility to make sure that your e-mail is up-to-date) **and will have 3 calendar days to pay for the course or you will be dropped.** If your name remains on the wait list, you must attend the first class meeting and obtain the instructor’s approval to add the course (Log in to **Online Records** often to check your status on the wait list).

PAY FEES IMMEDIATELY

Fees must be paid within 3 calendar days of registering for courses or you will be dropped for non-payment. The date that you register counts as the first calendar day.

Pay Online with a credit card at www.sac.edu

Pay in person at the college cashier’s office locations listed on this page. Payment by check, Visa, MasterCard, and Discover are accepted.

or mail check or money order to:

Registration, SAC Cashier’s Office, 1530 W. 17th Street,
Santa Ana, CA 92706

Registration, SCC Cashier’s Office, 8045 E. Chapman Avenue,
Orange, CA 92869

Do not send cash! Make checks payable to “RSCCD” and write your Student ID number on the check.

Enrollment Fee: \$46.00 per unit. Payment is required of all students upon registering for classes.

Non Resident Tuition: \$203.00 per unit in addition to the per enrollment fee for non-resident students. Refer residency questions to the Admissions office.

Refunds: Students will be eligible for a refund if they drop their course on or before the day of the first class meeting.

Health Fee: \$15.00 for Summer session. This fee is mandatory for SCC and SAC campus classes.

Material Fee: Material fee may be required for a course. Check classes online for specific fees.

Student Service Fee: \$3.00 is payable for classes at SCC and SAC campuses. The fee includes: 1) \$1.50 for College Services: library, student and instructional services; and 2) \$1.50 for college activities. Photo ID and session validation is available at the Cashier’s Office, S-104 at SAC and E-102 at SCC. Payment of this fee is optional.

Parking Fee: \$10.00. A permit is required to park on campus and may be purchased at registration. Motorcycles are exempt in designated parking areas.

**Registration questions?
Call 714-564-6005**

**Can’t find the class you need? It may be waiting for you at
SANTIAGO CANYON COLLEGE (SCC)
Classes for both SAC and SCC are listed online**

SCHEDULE OF CLASSES

SECTION TIME DAY INSTRUCTOR LOCATION DATES

ACCOUNTING

ACCOUNTING 101, FINANCIAL ACCOUNTING 4 UNITS					
<i>Financial accounting for the business administration transfer student. The accounting cycle, corporations, financial statements and principles. Accounting for assets, liabilities and stockholder's equity.</i>					
58639	8:30a-1:00p	M W	Phung T	SAC A-211	06/11-08/01
58641	6:00p-10:20p	M W	Mitchell E	SAC A-211	06/11-08/01
ACCOUNTING 102, MANAGERIAL ACCOUNTING 4 UNITS					
<i>Managerial accounting for the business administration transfer student. Manufacturing and cost accounting, and the managerial uses of accounting information. Standard costs, budgets, activity based costing, incremental analysis, segment reporting and capital budgeting decisions.</i>					
Prerequisite: Accounting 101 or 101H.					
58643	6:00p-10:10p	Tu Th	Mitchell E	SAC A-209	06/12-08/02

ANTHROPOLOGY

ANTHROPOLOGY 100, INTRODUCTION TO CULTURAL ANTHROPOLOGY 3 UNITS					
<i>A cross-cultural survey of the major areas of cultural anthropology including subsistence patterns, economic and political systems, family and kinship, religion, and cultural change. Also includes contemporary issues facing humankind such as the environment, resource depletion, ethnic conflict, globalization, and warfare. Emphasis is on understanding cultural diversity and cultural universals.</i>					
58127	9:00a-12:20p	M W	Wood S	SAC D-401	06/11-08/01
58126	6:00p-9:20p	M W	Cundiff W	SAC D-401	06/11-08/01
58128	6:00p-9:10p	M Tu W Th	Robertson M	SAC D-303	06/04-06/28
ANTHROPOLOGY 101, INTRODUCTION TO PHYSICAL ANTHROPOLOGY 3 UNITS					
<i>An introduction to humankind's place in nature, including evolutionary theory, principles of genetics, primate evolution and behavior, fossil evidence for human evolution, human biology and variation, growth and adaptability, and biomedical anthropology. Includes practical application of biological anthropology to human problems.</i>					
58129	9:00a-12:10p	Tu Th	Robertson M	SAC D-401	06/12-08/02
ANTHROPOLOGY 101L, PHYSICAL ANTHROPOLOGY LABORATORY 1 UNIT					
<i>Laboratory exercises and experiments designed to explore and understand the primary areas of physical anthropology: evolutionary theory, principles of genetics, comparative anatomy, physiology, behavior and ecology of vertebrates with an emphasis on nonhuman primates, analysis of fossil evidence for human evolution, human biology and variation, growth and adaptability, and biomedical anthropology. Includes both traditional and virtual laboratory experiences.</i>					
Prerequisite: Anthropology 101 or concurrent enrollment.					
58130	1:00p-4:10p	Tu Th	Robertson M	SAC D-401	06/12-08/02

ART

ART 100, INTRODUCTION TO ART CONCEPTS 3 UNITS					
<i>A study of the visual arts in relation to both personal and cultural expressions. Fundamentals of visual organization, color theory, terminology, historical art movements and concepts will be studied. Required for art majors.</i>					
	58340	TBA	Brown S	SAC WEB	06/11-08/03
Section 58340 Go to www.sac.edu/disted for more information.					
	58342	TBA	Brown S	SAC WEB	06/11-08/03
Section 58342 Go to www.sac.edu/disted for more information.					
58344	9:00a-1:20p	M Tu Th	Redfield M	SAC A-130	06/11-07/05
58363	9:00a-1:10p	Tu Th	Soriano I	SAC A-210	06/26-08/02
ART 104, MEXICAN AND CHICANO ART HISTORY 3 UNITS					
<i>The history and appreciation of Mexican and Chicano art from the pre-Columbian to the present, including the modern murals of Mexico and the United States.</i>					
58380	9:00a-1:20p	M W	Soriano I	SAC C-104	06/25-08/01
ART 105, HISTORY OF MODERN ART 3 UNITS					
<i>History of painting, sculpture, architecture, prints and applied arts from the late nineteenth century through the twentieth century. Covers the formal philosophic, spiritual and historical background of art from Post Impressionism to Post Modernism. For general students and art majors.</i>					
58386	6:30p-9:50p	M W	Marquez P	SAC C-104	06/11-08/01
ART 129, GRAPHIC DESIGN CONCEPTS FOR THE WEB 3 UNITS					
<i>Introduction to graphic design for Web. An overview of the elements and principles of art as they relate to Web design. Includes learning the technical requirements for colors, fonts, file optimization, effects, image resolution, and special effects. Includes creative Web design projects. (Same as Computer Science 155.)</i>					
Prerequisite: Art 195.					
Material Fee(s): \$10					
58389	6:00p-7:05p	M W	Caterina A	DMC-104	06/11-08/01
	7:10p-10:20p	M W	Caterina A	DMC-104	
ART 165, 3D CHARACTER ANIMATION 3 UNITS					
<i>Instruction in theories and practice of character animation using 3D software.</i>					
Prerequisite: Art 197A or TV/Video Communications 185.					
58393	6:00p-8:05p	Tu W Th	Waterman P	SAC A-223	06/12-08/02
	8:10p-10:15p	Tu W Th	Waterman P	SAC A-223	
ART 195, INTRODUCTION TO DIGITAL MEDIA ARTS 3 UNITS					
<i>Introduction to digital media arts for artists, photographers, Web designers, programmers, and animation artists. Includes an overview of Photoshop, Illustrator, InDesign, digital graphics terminology, careers, market applications and design components. Work in computer lab with scanners, printers, CD ROM's and the Web.</i>					
Material Fee(s): \$15					
58397	6:00p-8:55p	Tu Th	Hostetter D	DMC-104	06/12-08/02
	9:00p-10:10p	Tu Th	Hostetter D	DMC-104	

SECTION TIME DAY INSTRUCTOR LOCATION DATES

ASTRONOMY

ASTRONOMY 109, INTRODUCTION TO THE SOLAR SYSTEM 3 UNITS					
<i>Surveys history of astronomy, recent research and observations of the planets, moons, and other solar system objects. Exploration of light and gravity to understand formation, properties and motion of Solar System objects.</i>					
58750	9:00a-12:10p	Tu Th	Staff	SAC R-318	06/12-08/02



AUTOMOTIVE TECHNOLOGY

AUTOMOTIVE TECHNOLOGY 025, A-6 ALTERNATIVE COURSE - ELECTRICAL SYSTEMS 2 UNITS					
<i>This course is a Bureau of Automotive Repair certified course. It is designed to prepare the student to pass the Alternative A-6 Electrical Systems exam.</i>					
59316	6:00p-10:10p	M Tu W Th	Wilkes D	SAC K-115	07/16-07/26
AUTOMOTIVE TECHNOLOGY 033, A-8 ALTERNATIVE COURSE - ENGINE PERFORMANCE 2 UNITS					
<i>This course is a Bureau of Automotive Repair certified course. It is designed to prepare the student to pass the Alternative A-8 Engine Performance exam.</i>					
59317	6:00p-10:10p	M W	Wilkes D	SAC K-115	06/11-07/09
AUTOMOTIVE TECHNOLOGY 062, AIR CONDITIONING AND HEATING 3 UNITS					
<i>Operation, testing, and servicing of air conditioning and heating systems. Students must furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006. (Same as Diesel 062.)</i>					
59319	6:00p-10:15p	M Tu W Th	Hammonds E	SAC J-102	06/11-07/23

BIOLOGY

BIOLOGY 109, FUNDAMENTALS OF BIOLOGY 3 UNITS					
<i>Principles of biology stressing the relationship of all organisms from anatomical, physiological and ecological points of view. Includes cell machinery, genetics, reproduction, embryology, animal behavior, botany, ecology, evolution and human physiology. Concurrent enrollment in Biology 109L recommended. Designed for non-biology majors.</i>					
58764	8:30a-11:50a	M Tu W Th	Lopez J	SAC R-124	06/11-07/05
Section 58764 Concurrent enrollment in Biology 109L recommended.					
BIOLOGY 109L, FUNDAMENTALS OF BIOLOGY LABORATORY 1 UNIT					
<i>Laboratory experiments to identify and illustrate significant organisms and their structures. Emphasis is placed on the relationship of all organisms from an anatomical, physiological, and ecological framework. Content correlates to Biology 109/109H lecture material.</i>					
Prerequisite: Biology 109/109H or concurrent enrollment.					
58765	12:30p-3:40p	Tu Th	Staff	SAC R-202	06/12-08/02
58767	12:30p-3:50p	M W	Beltran J	SAC R-202	06/11-08/01
BIOLOGY 229, GENERAL MICROBIOLOGY 5 UNITS					
<i>Introduction to microorganisms, their classification, structure, biochemistry, growth, control and their interactions with other organisms and the environment. Designed for biology, preprofessional, and prenursing (BSN) majors.</i>					
Prerequisite: Biology 109/109H and 109L, or 139, or 149, or 211 or Chemistry 119 or 209.					
Material Fee(s): \$20					
58771	1:30p-3:35p	M Tu W Th	Morales D	SAC R-228	06/11-07/19
	9:00a-1:25p	M Tu W Th	Morales D	SAC R-226	
BIOLOGY 239, GENERAL HUMAN ANATOMY 4 UNITS					
<i>Structure of the human body. Systems, organs, and tissues are studied from human skeletons, models, charts, slides and CD-ROM programs. Laboratory includes the dissection of a cat; and periodic demonstrations of a prosected cadaver as available.</i>					
58777	8:00a-10:05a	M Tu W Th	Botkin M	SAC R-128	06/11-07/19
	10:30a-12:35p	M Tu W Th	Botkin M	SAC R-201	
58794	8:00a-10:05a	M Tu W Th	Botkin M	SAC R-128	06/11-07/19
	6:30p-8:35p	M Tu W Th	Dibernardo L	SAC R-201	
58784	8:00a-10:05a	M Tu W Th	Botkin M	SAC R-128	06/11-07/19
	4:00p-6:05p	M Tu W Th	Corona E	SAC R-201	
58781	8:00a-10:05a	M Tu W Th	Botkin M	SAC R-128	06/11-07/19
	1:30p-3:35p	M Tu W Th	Corona E	SAC R-201	

BUSINESS

BUSINESS 100, FUNDAMENTALS OF BUSINESS 3 UNITS					
<i>An introduction to the basic fundamentals of business. A survey of marketing, management, production, accounting, finance, and economics and how they interrelate in the business environment.</i>					
	58163	TBA	Grant M	SAC WEB	06/11-07/20
Section 58163 online instruction. Go to www.sac.edu/disted for more information.					
BUSINESS 103, COOPERATIVE WORK EXPERIENCE EDUCATION-OCCUPATIONAL 1 - 4 UNITS					
<i>Supervised paid or volunteer experience in student's major including new or expanded responsibilities. One credit for each 5 hours worked per week to a maximum of 4 units for 20 hours worked per week each semester. Limitation of 16 units in occupational cooperative education courses. Students must be enrolled in a minimum of 7 units including 4 units for Business 103.</i>					
Open Entry / Open Exit					
59579	TBA		Grant M	SAC A-107-1	06/11-08/03
Email instructor first week of class. (Grant_Madeline@sac.edu)					
BUSINESS 105, LEGAL ENVIRONMENT OF BUSINESS 3 UNITS					
<i>A study of the courts, torts (including product liability), crimes, contracts, employment, partnerships, corporations, government regulation, and international law.</i>					
	58650	TBA	Manzano F	SAC WEB	06/11-08/03
Section 58650 Check class web site at rsccd.blackboard.com for information and orientation.					
58652	8:00a-11:50a	M W	Doolittle G	SAC A-203	06/11-07/25
BUSINESS 120, PRINCIPLES OF MANAGEMENT 3 UNITS					
<i>Principles, methods, and procedures essential to the successful management of human and financial resources. Planning, decision making, staffing, directing, motivating, leading, communicating, controlling and the application of managerial skills. (Same as Management 120.)</i>					
58164	6:00p-10:20p	M W	Irion M	SAC A-130	06/11-07/18

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
BUSINESS 150, INTRODUCTION TO COMPUTING AND APPLICATION SOFTWARE 4 UNITS					
<i>Introduction to computer concepts, computer organization, computer operation, information systems and business problem-solving through the use of application software. (Equivalent to ISDS 265 at California State University, Fullerton.)</i>					
58118	6:00p-10:10p	M Tu W Th	Dahlen N	SAC A-206	06/11-07/05
BUSINESS 180, FINDING AND EVALUATING PRODUCTS FOR IMPORT 1 UNIT					
<i>Evaluate the potential of an import business. Contact vendors and source products. Determine import classification, tariffs and taxes and calculate landed costs to import into the U.S.</i>					
58185	6:00p-10:00p	Tu Th	Grant M	SAC A-203	06/12-06/21
BUSINESS 182, CLASSIFYING IMPORTS AND CLEARING U.S. CUSTOMS 1 UNIT					
<i>Learn to classify products being imported into the U.S. using the Harmonized Tariff Schedule (HTS). Identify applicable duty rates and quotas for products. Learn how the operations and U.S. Customs programs have changed since 9/11/2001.</i>					
58178	6:00p-10:00p	Tu Th	Shweiri G	SAC A-203	06/26-07/05
BUSINESS 222, BUSINESS WRITING 3 UNITS					
<i>Overview of oral and written communication skills used in business; emphasizes guidelines for improving writing and speaking skills, common solutions to common communication problems, ethical issues facing business communicators today, instructions on how to identify areas of legal vulnerability, and tested techniques for communicating successfully in today's high-tech, international business environment.</i>					
Prerequisite: English 101 or 101H.					
58181	6:00p-10:00p	Tu Th	Woolgar D	SAC A-225	06/19-07/26

BUSINESS APPLICATIONS

BUSINESS APPLICATIONS 110A, COMPUTER KEYBOARDING SKILLS I 1 UNIT					
<i>Proficiency based keyboarding skills includes alphabet, speed and accuracy development.</i>					
Open Entry / Open Exit					
59145	9:00a-1:20p	M W	Montiel-Childress D	SAC A-226	06/11-07/18
59149	6:00p-10:00p	Tu Th	Staff	SAC A-226	06/12-07/19
BUSINESS APPLICATIONS 110B, COMPUTER KEYBOARDING SKILLS II 1 UNIT					
<i>Continuation and refinement of proficiency based computer keyboarding skills includes: alphabet and numeric keyboard, speed and accuracy development and basic word processing skills.</i>					
Prerequisite: Business Applications 110A.					
Open Entry / Open Exit					
59146	9:00a-1:20p	M W	Montiel-Childress D	SAC A-226	06/11-07/18
59150	6:00p-10:00p	Tu Th	Staff	SAC A-226	06/12-07/19

BUSINESS APPLICATIONS 115A, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT I 1 UNIT					
<i>Intense review of letter, number, and symbol typing. Emphasis on individual's problem keys. Increase keyboarding speed and improve accuracy through prescribed drills and timed writings on computer. Basic proficiency in typing or keyboarding recommended.</i>					
Open Entry / Open Exit					
59147	9:00a-1:20p	M W	Montiel-Childress D	SAC A-226	06/11-07/18
59151	6:00p-10:00p	Tu Th	Staff	SAC A-226	06/12-07/19

BUSINESS APPLICATIONS 115B, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT II 1 UNIT					
<i>Refinement of letter, number, and symbol typing. Emphasis on individual's problem keys. Increase keyboarding speed and improve accuracy through prescribed drills and timed writings on computer.</i>					
Prerequisite: Business Applications 115A.					
Open Entry / Open Exit					
59148	9:00a-1:20p	M W	Montiel-Childress D	SAC A-226	06/11-07/18
59152	6:00p-10:00p	Tu Th	Staff	SAC A-226	06/12-07/19

BUSINESS APPLICATIONS 147, INTRODUCTION TO WINDOWS 1.5 UNITS					
<i>The fundamentals of Windows graphical user interface including Help, launching applications and managing files and folders using My Computer and Windows Explorer. Additional topics include WordPad and customizing Windows using Control Panel.</i>					
Software Utilized: Windows 7					
59153	6:30p-9:30p	M W	Staff	SAC A-228	07/09-08/01
1 hour arranged per scheduled meeting day.					

BUSINESS APPLICATIONS 188, MICROSOFT EXCEL 1.5 UNITS					
<i>Introduction to Excel spreadsheets including formatting, graphics, charts and formulas common to business applications.</i>					
Software Utilized: MS Excel 2010					
59577	6:30p-9:30p	Tu Th	Staff	SAC A-228	07/10-08/02
1 hour arranged per scheduled meeting day.					

CHEMISTRY

CHEMISTRY 209, INTRODUCTORY CHEMISTRY 4 UNITS					
<i>Basic concepts of matter: atomic structure, formulas, equation writing, nomenclature, gases and kinetic theory. Emphasizes properties of solutions, and the mole concept in quantitative chemistry. Prepares students for biology and Chemistry 219.</i>					
Prerequisite: Mathematics 080 or 081 with a grade of C or better.					
58850	9:00a-12:20p	M W	Nguyen W	SAC R-126	06/11-08/02
	9:00a-12:10p	Tu Th	Nguyen W	SAC R-126	
58854	6:00p-9:20p	M W	Visco L	SAC R-126	06/11-08/02
	6:00p-9:10p	Tu Th	Visco L	SAC R-126	
CHEMISTRY 219, GENERAL CHEMISTRY 5 UNITS					
<i>Fundamental principles and concepts of chemistry including, but not limited to, atomic structure, quantum theory, periodic properties, stoichiometry, oxidation-reduction, molecular structure and bonding, gas laws, states of matter, solutions, chemical kinetics and chemical equilibrium.</i>					
Prerequisite: Mathematics 080 or 081 and Chemistry 209 or Mathematics 080 or 081 and a passing score on current chemistry placement test. All courses must be completed with a grade of C or better.					
58859	12:30p-1:55p	M Tu W Th	Kelcher M	SAC R-126	06/11-08/02
	2:15p-5:30p	M Tu W Th	Kelcher M	SAC R-309	

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
CHEMISTRY 229, GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS 5 UNITS					
<i>Continuation of Chemistry 219 including, but not limited to, ionic equilibrium, acid/base chemistry, thermodynamics and electrochemistry, nuclear chemistry and descriptive chemistry.</i>					
Prerequisite: Chemistry 219 with a grade of C or higher.					
58861	12:30p-1:55p	M Tu W Th	Jenkins C	SAC R-318	06/11-08/02
	2:30p-5:45p	M Tu W Th	Jenkins C	SAC R-301	

COMMUNICATIONS & MEDIA STUDIES

COMMUNICATIONS & MEDIA STUDIES 298, DESIGNING FOR PRINT AND DIGITAL MEDIA 3 UNITS					
<i>A comprehensive course emphasizing professional standards and techniques in print, digital and Web-based design. Utilizes digital laboratory as a platform for training in design theory, page architecture, color application and typography. For those interested in design careers.</i>					
Prerequisite: Completion of a college Communications and Media Studies course.					
59320	9:00a-1:20p	M W	Little C	SAC C-201	06/11-07/18
	9:00a-10:50a	Tu	Little C	SAC C-201	
2 hours arranged per class meeting					

COMPUTER SCIENCE

COMPUTER SCIENCE 100, THE COMPUTER AND SOCIETY 3 UNITS					
<i>An introduction to the area of computers and their relationship to today's information society. Examines a broad overview of topics including: hardware, software, networking, information technology, and the Internet. The student will explore the implication and effect of technology on society, careers and ethics.</i>					
Software Utilized: MS Office 2010					
58116	8:00a-12:10p	M Tu W	Dahlen N	SAC A-206	06/11-07/03
58117	8:00a-12:10p	M Tu W	Dahlen N	SAC A-206	07/09-08/01

COUNSELING

COUNSELING 116, CAREER/LIFE PLANNING AND PERSONAL EXPLORATION 3 UNITS					
<i>This course is designed to assist students in successfully establishing and achieving education, career and life goals. Students are guided through a reflective process that focuses on values, interests, personality, skills and learning styles. Career and education options are researched, and students are exposed to college resources and support services. Decision making models and goal setting techniques are examined and will be used to develop short and long term education, career and life plans.</i>					
Material Fee(s): \$20					
58460	TBA		Sadler D	SAC WEB	06/11-07/06
Section 58460, Online instruction plus mandatory orientation meeting: June 11 7-9pm, SAC L-225.					
For additional information contact the instructor at or www.sac.edu/students/counseling/staff.htm					
58458	8:30a-12:45p	Tu Th	Gilmour D	SAC V-151	06/12-07/19
58459	6:00p-10:15p	Tu Th	Gilmour D	SAC D-202	06/12-07/19

CRIMINAL JUSTICE

CRIMINAL JUSTICE 101, INTRODUCTION TO CRIMINAL JUSTICE 3 UNITS					
<i>A survey of the philosophy and history of criminal justice system (law enforcement, courts, corrections); processes of justice from detection of crime to parole; evaluation of modern criminal justice delivery systems.</i>					
59302	8:00a-12:15p	M W	Gonis Jr A	SAC H-207	06/11-07/23
59303	6:00p-8:50p	Tu Th	Staff	SAC H-207	06/12-08/02

CRIMINAL JUSTICE ACADEMIES

CRIMINAL JUSTICE ACADEMIES 010, PRE-EMPLOYMENT PREPARATION FOR LAW ENFORCEMENT 1 UNIT					
<i>Criminal Justice career information will be provided. Emphasis will be on preparing students to successfully complete Law Enforcement pre-employment testing including oral boards, physical agility, and training academy requirements.</i>					
59623	6:00p-10:00p	Tu Th	CJ ACADEMY	SAC CJTC-SD	07/10-08/04
	7:00a-11:00a	Sa		SAC CJTC-SD	
CRIMINAL JUSTICE ACADEMIES 026A, TRAINING ACADEMY PREPARATION 0.3 UNIT					
<i>This course is designed to prepare the student for the Basic Law Enforcement Academy, Criminal Justice Academies 100. It will include: drill, ceremony, physical training, reporting and speeches.</i>					
59631	7:00a-4:00p	Sa	CJ ACADEMY	SAC CJTC-SD	06/09-06/16

DANCE

DANCE 106A, INTRODUCTION TO MODERN DANCE 1 UNIT					
<i>An introduction to modern dance emphasizing movement technique, dance vocabulary and creative individual expression. Includes an introduction to choreographic principles and the historical/cultural context of American modern dance. For the student with little or no dance experience.</i>					
58446	7:30p-8:25p	Tu Th	Westergard-Dobson C	SAC G-108	06/12-08/02
	8:30p-9:30p	Tu Th	Westergard-Dobson C	SAC G-108	
DANCE 106B, INTRODUCTION TO MODERN DANCE 1 UNIT					
<i>An introduction to modern dance emphasizing movement technique, dance vocabulary and creative individual expression. Includes an introduction to choreographic principles and cultural context of American modern dance. Dance 106B is a refinement of skills learned in Dance 106A. Two semesters of Dance 106AB equals Dance 206A.</i>					
58447	7:30p-8:25p	Tu Th	Westergard-Dobson C	SAC G-108	06/12-08/02
	8:30p-9:30p	Tu Th	Westergard-Dobson C	SAC G-108	
DANCE 108A, INTRODUCTION TO BALLET 1 UNIT					
<i>Introduction to basic ballet emphasizing movement technique, dance vocabulary, and creative individual expression. Student learns basic ballet barre exercises, center work, and short dance works. Includes an introduction to choreographic principles and cultural context of ballet. Prepares the student for Dance 108B. May be repeated.</i>					
58418	5:30p-6:25p	Tu Th	Perez M	SAC G-108	06/12-08/02
	6:30p-7:30p	Tu Th	Perez M	SAC G-108	
DANCE 108B, INTRODUCTION TO BALLET 1 UNIT					
<i>Continuation of instruction in basic ballet technique, dance vocabulary, and creative individual expression. Student learns basic ballet barre exercises, center work, and short dance works. Includes choreographic principles and cultural context of ballet. Two semesters of Dance 108AB equals Dance 201A. May be repeated.</i>					
58419	5:30p-6:25p	Tu Th	Perez M	SAC G-108	06/12-08/02
	6:30p-7:30p	Tu Th	Perez M	SAC G-108	

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
DANCE 120, INTRODUCTION TO HIP-HOP DANCE					1 UNIT
<i>An introduction to Hip-Hop dance emphasizing movement technique, dance vocabulary and creative expression. Includes learning routines and the history and culture of Hip-Hop dance. No prior experience necessary.</i>					
58416	7:00p-7:55p	M W	Jensen K	SAC G-108	06/11-08/01
	8:00p-9:00p	M W	Jensen K	SAC G-108	
DANCE 296, SPECIAL STUDIES IN MODERN DANCE					1 UNIT
<i>An intermediate/advanced level course offering individualized and accelerated instruction in modern dance techniques.</i>					
Prerequisite: Completion of two dance classes in jazz dance.					
58449	7:30p-8:25p	Tu Th	Westergard-Dobson C	SAC G-108	06/12-08/02
	8:30p-9:30p	Tu Th	Westergard-Dobson C	SAC G-108	
DANCE 298, SPECIAL STUDIES IN DANCE					1 UNIT
<i>An intermediate/advanced level course offering individualized and accelerated instruction in dance techniques.</i>					
Prerequisite: Must complete two dance courses in ballet, jazz or modern dance.					
58429	5:30p-6:25p	Tu Th	Perez M	SAC G-108	06/12-08/02
	6:30p-7:30p	Tu Th	Perez M	SAC G-108	

DIESEL

DIESEL 062, AIR CONDITIONING AND HEATING					3 UNITS
<i>Operation, testing, and servicing of air conditioning and heating systems. Students must furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006. (Same as Automotive Technology 062.)</i>					
59325	6:00p-10:15p	M Tu W Th	Hammonds E	SAC J-102	06/11-07/23

EARTH SCIENCE

EARTH SCIENCE 110, INTRODUCTION TO EARTH SCIENCE					3 UNITS
<i>A study of the processes that shape and form the Earth and define its place in the solar system. Introduction to the sciences of geology, oceanography, meteorology, and astronomy. Not open to students who are enrolled, or have credit in Geology 101 or Geography 101.</i>					
58864	8:00a-12:35p	M Tu W Th F Sa Su	Coyne C	SAC UCI	07/20-07/29
Section 58864 Between the dates of July 16 to July 18 email the instructor at coyne_claire@sac.edu for the mandatory orientation meeting information.					
This is a 10 day residential program at UCI. Please apply through SAC's University Transfer Center.					
58870	6:30p-9:50p	M Tu W Th	Coyne C	SAC R-111	06/11-07/05

ECONOMICS

ECONOMICS 120, PRINCIPLES/MACRO					3 UNITS
<i>Introduction to macroeconomics, including basic economic concepts, analysis of markets, national income accounting, employment, short run business cycle fluctuations, long run growth trends, monetary and fiscal policies, and international economic issues. Intended for economics, business, and certain engineering/computer science majors. Speech Communication 097 is recommended.</i>					
Prerequisite: Mathematics 080 (Intermediate Algebra) or Mathematics 081 (Intermediate Algebra with lab) at RSCCD or placement into a math level higher than intermediate algebra or 1 year of high school intermediate algebra (Algebra II) with a grade of C or better.					
58132	8:00a-12:35p	M W	Montes A	SAC D-209	06/25-08/01
58133	1:00p-4:10p	M Tu W Th	Shah S	SAC D-209	06/04-06/28

ECONOMICS 121, PRINCIPLES/MICRO					3 UNITS
<i>Introduction to microeconomics, including basic economic concepts, analysis of markets, efficiency, consumer and firm behavior, industry structures, market failure, and resource markets. For economics, business, and certain engineering and computer science majors. Economics 120, Mathematics 060 and Speech Communication 097 or Communication 097 are recommended.</i>					
Prerequisite: Mathematics 080 (Intermediate Algebra) or Mathematics 081 (Intermediate Algebra with lab) at RSCCD or placement into a math level higher than intermediate algebra or 1 year of high school intermediate algebra (Algebra II) with a grade of C or better.					
58356	8:00a-12:15p	Tu Th	Montes A	SAC D-209	06/26-08/02
58138	6:00p-10:15p	M W	Montes A	SAC D-209	06/25-08/01

EMERGENCY MEDICAL TECHNICIAN

EMERGENCY MEDICAL TECHNICIAN 105, CLINICAL EMT SKILLS LABORATORY					0.5 UNIT
<i>Supervised use of skills lab to assist the student in development of clinical competency and mastery of psychomotor skills. Hours verified by instructor.</i>					
Open Entry / Open Exit					
60385	TBA	F	Dethlefsen E	SAC R-307	07/13-07/27
16 hours to be arranged					

EMERGENCY MEDICAL TECHNICIAN 198, EMERGENCY MEDICAL TECHNICIAN					7.5 UNITS
<i>Basic course for EMT. Satisfies requirements for County/State EMS Authority. Prepares student to take O.C.E.M.S./National Registry certifying exam for state certification.</i>					
59079	8:00a-12:15p	Tu W Th	Dethlefsen E	SAC R-307	06/12-08/02
	12:30p-4:30p	Tu W Th	Dethlefsen E	SAC R-307	
A current American Heart Association CPR card for HEALTH CARE PROVIDER is required to be shown the first day of class for ALL EMT students. Failure to comply will result in being dropped from the class.					

ENGINEERING

ENGINEERING 100A, INTRODUCTION TO ENGINEERING					2 UNITS
<i>Introduction to major fields of Engineering (including mechanical, electrical, industrial, biomedical, aerospace, and others.) Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, and guest speakers.</i>					
58653	TBA		Sherod S	SAC WEB	06/11-08/03
Orientation: Meeting on June 11, 6:00pm -7:30pm, SAC A-216. Go to www.sac.edu/disted for more information. Email instructor first week of class at (sherod_susan@sac.edu).					

ENGINEERING 100B, INTRODUCTION TO ARCHITECTURE/CIVIL ENGINEERING/CONSTRUCTION (AEC)					2 UNITS
<i>Introduction to the Architectural, Civil Engineering, Construction (AEC) fields. Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, and guest speakers.</i>					
58655	TBA		Sherod S	SAC WEB	06/11-08/03
Orientation: Meeting on June 11, 6:00pm -7:30pm, SAC A-216. Go to www.sac.edu/disted for more information. Email instructor first week of class at (sherod_susan@sac.edu).					

ENGINEERING 183, AUTOCAD I - COMPUTER AIDED DRAFTING					3 UNITS
<i>A first course in computer drafting using AutoCAD software. Topics include: display and file management, units, entities, object selection, advanced editing, layers, dimensions, text, graphic exchange.</i>					
Software Utilized: AutoCAD 2012					
58656	TBA		Sherod S	SAC WEB	06/11-08/03
Orientation: Meeting on June 11, 7:30pm -9:00pm, SAC A-216. Go to www.sac.edu/disted for more information. Email instructor first week of class at (Sherod_Susan@sac.edu).					

ENGLISH

ENGLISH 061, INTRODUCTION TO COMPOSITION					3 UNITS
<i>Expository paragraph writing emphasizing various methods including argumentation. Practice in refining sentence skills and grammar. 16 additional hours in Writing Center required.</i>					
Prerequisite: Grade of C or better in English N60 or qualifying profile from English placement process.					
58149	TBA		Bennett G	SAC HYBRID	06/11-08/03
	4:30p-6:50p	W		SAC D-108	
Section 58149 requires mandatory on-campus meetings on Wednesday, 6/13, 6/27, 7/25, 8/1 from 4:30-6:50pm in D-108. Go to www.sac.edu/disted for more information. Email instructor the first week of class (bennett_gary@sac.edu). 16 virtual lab hours required, 2 hours per week arranged.					
58150	8:00a-12:30p	M W	Sosta R	SAC D-304	06/11-08/01
16 hours required in the Writing Center, 1 hour arranged per scheduled meeting day					
58153	8:00a-12:15p	M Tu W Th	Higgins M	SAC D-107	06/04-06/28
16 hours required in the Writing Center, 1 hour arranged per scheduled meeting day.					
58152	9:00a-1:15p	Tu Th	Jaffray S	SAC D-103	06/12-08/02
16 hours required in the Writing Center, 1 hour arranged per scheduled meeting day.					
58151	6:00p-10:15p	Tu Th	Arnold G	SAC D-204	06/11-08/02
16 hours required in the Writing Center, 1 hour arranged per scheduled meeting day.					

ENGLISH 101, FRESHMAN COMPOSITION					4 UNITS
<i>Expository and argumentative essays and the research paper. Special interest sections described in schedule of classes.</i>					
Prerequisite: Grade of C or better in English 061 or EMLS 112 or ACE 116 or qualifying profile from English placement process.					
58274	TBA		Ramshaw C	SAC HYBRID	06/25-08/03
	5:00p-6:50p	M		SAC D-204	
Section 58274 requires mandatory on-campus meetings on Mondays 6/25, 7/9, 7/23 from 5-6:50pm in D-204. Go to www.sac.edu/disted for more information. Email instructor first week of class (ramshaw_charles@sac.edu).					
58267	8:00a-12:15p	Tu Th	Mitzner R	SAC D-204	06/12-08/02
58277	8:00a-12:15p	M Tu W Th	Daly N	SAC I-109	06/04-06/28
58271	9:00a-1:30p	M W	Simmerman S	SAC D-208	06/11-08/01
58273	9:00a-11:50a	M Tu W Th	Martinez Guzman D	SAC D-302	06/25-08/02
58198	9:00a-11:50a	M Tu W Th	Brandon K	SAC D-108	06/25-08/02
58268	12:45p-5:00p	Tu Th	Bromberger K	SAC D-108	06/12-08/02
58272	1:00p-5:30p	M W	Greenberg H	SAC D-103	06/11-08/01
58276	1:00p-3:50p	M Tu W Th	Martinez Guzman D	SAC D-302	06/25-08/02
58270	5:30p-8:20p	M Tu W Th	Brand K	SAC D-214	06/25-08/02
58269	6:00p-8:50p	M Tu W Th	Patterson K	SAC D-210	06/25-08/02

ENGLISH 102, LITERATURE AND COMPOSITION					4 UNITS
<i>A second semester course in composition and literature that continues to focus on expository and analytical writing with extensive readings selected from the four major genres.</i>					
Prerequisite: A grade of C or better in English 101 or English 101H.					
58278	TBA		Ramshaw C	SAC HYBRID	06/25-08/03
	7:00p-8:50p	M		SAC D-204	
Section 58278 requires mandatory on-campus meetings on Mondays 6/25, 7/9, 7/23 from 7-8:50pm in D-204. Go to www.sac.edu/disted for more information. Email instructor first week of class (ramshaw_charles@sac.edu).					
58279	6:00p-10:15p	Tu Th	Mitzner R	SAC D-209	06/12-08/02

ENGLISH 103, CRITICAL THINKING AND WRITING					4 UNITS
<i>This course focuses on developing critical thinking, reading, and writing skills by studying established argumentative methods and models and applying them to contemporary issues. Emphasis will be on logical reasoning and analytical and argumentative skills necessary for critical writing.</i>					
Prerequisite: English 101 or 101H with a grade of C or better.					
58280	TBA		Beyersdorf M	SAC HYBRID	06/11-08/01
	5:00p-6:50p	M		SAC D-108	
Section 58280 requires mandatory on-campus meetings on Mondays 6/11, 6/25, 7/16, 7/30 from 5-6:50pm in D-108. Go to www.sac.edu/disted for more information. Email instructor first week of class (beyersdorf_mattthew@sac.edu).					
58284	8:00a-12:15p	M Tu W Th	Carroll A	SAC I-206	06/04-06/28
58281	9:00a-11:50a	M Tu W Th	Patterson K	SAC I-104	06/25-08/02
58283	9:00a-3:35p	M Tu W Th F Sa Su	Beyersdorf M	SAC UCI	07/20-07/29
Section 58283 is a 10-day residential program at UCI. Please apply through SAC's University Transfer Center.					
58282	6:00p-10:15p	Tu Th	Jaffray S	SAC D-103	06/12-08/02

ENGLISH AS A SECOND LANGUAGE

ENGLISH AS A SECOND LANGUAGE N49, READING, WRITING AND GRAMMAR I					3 UNITS
<i>Beginning multi-skill language practice. Sentence practice and controlled composition. Revision and editing. Basic grammar including simple and progressive verb tenses. Critical reading. Lab hours are required. Not applicable to associate degree.</i>					
Prerequisite: ESL N40B.					
58286	9:00a-1:25p	M Tu W Th	Ehresmann B	SAC D-102	06/25-08/02
16 additional hours in the ESL Listening Lab required. 45 minutes arranged per scheduled meeting day.					

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES	SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
ENGLISH FOR MULTILINGUAL STUDENTS						E.S. ACTIVITIES 261, SOCCER-WOMEN 1 UNIT					
ENGLISH FOR MULTILINGUAL STUDENTS 055, WRITING, GRAMMAR AND READING I 4 UNITS						<i>A high-level, competitive conditioning and skills program in soccer for women athletes with exceptional athletic talent.</i>					
<i>Sentence-level writing for multilingual students who can speak English but often make grammar mistakes when writing. Narrative paragraphs and journal writing. Revision and editing. Basic grammar including verb tenses and modals. Critical reading. 16 additional hours in ESL Listening Lab required (one hour per week for 16-week semester sections).</i>						60113 2:00p-4:05p M W F Rapoza J SAC G-118 06/11-08/03					
Prerequisite: Grade of C or better in ESL N49 or qualifying profile from ESL placement process.						E.S. ACTIVITIES 262, SOCCER-MEN 1 UNIT					
58140 9:00a-1:25p M Tu W Th Hassel E SAC D-214 06/25-08/02						<i>A high-level, competitive, conditioning and skills program in soccer for male athletes with exceptional talent.</i>					
16 hours in the ESL Listening Lab required. 45 minutes arranged per scheduled meeting day.						60118 4:05p-6:10p M W F Vasquez J SAC G-118 06/11-08/03					
ENGLISH FOR MULTILINGUAL STUDENTS 107, WRITING, GRAMMAR AND READING II 4 UNITS						E.S. ACTIVITIES 271, SOFTBALL - OFF SEASON 1 UNIT					
<i>Sentence and paragraph level writing for multilingual students who can speak English but often make grammar mistakes when writing. Narrative and descriptive paragraphs. Revision and editing. Review of basic grammar. Practice with sentence variety. Critical reading. 16 additional hours in ESL Listening Lab required (one hour per week for 16-week semester sections).</i>						<i>Basic skills and fundamentals of catching, throwing, pitching, hitting and baserunning will be covered. Offensive and defensive techniques and strategies will be practiced.</i>					
Prerequisite: Grade of C or better in EMLS 055 or qualifying profile from ESL placement process.						60123 1:50p-4:50p Tu Th Rapoza J SAC G-120 06/12-08/02					
58143 9:00a-12:15p M Tu W Th Mallory L SAC D-303 06/11-08/02						E.S. ACTIVITIES 281, TRACK AND FIELD - OFF SEASON 1 UNIT					
16 hours in ESL Listening Lab required. 30 minutes arranged per scheduled meeting day.						<i>Students learn the principles involved with team ethics and values by working in positive cooperation with coaches and teammates. Students will learn the value of discipline, work ethic, commitment, and loyalty. Participants will work to improve technique, training, and competitive performance in Track and Field.</i>					
ENGLISH FOR MULTILINGUAL STUDENTS 109, WRITING, GRAMMAR AND READING III 4 UNITS						60128 7:00a-8:30a M Tu W Th Mitzel M SAC G-113 06/11-08/02					
<i>Paragraph-level writing for multilingual students who speak English but often make grammar mistakes when they write. Narrative, descriptive and expository paragraph practice. Revision and editing. Complex grammar structures. Critical reading. 16 additional hours in ESL Listening Lab required (one hour per week for 16-week semester sections).</i>						E.S. ACTIVITIES 290, VOLLEYBALL 1 UNIT					
Prerequisite: Grade of C or better in EMLS 107 or qualifying profile from ESL placement process.						<i>Instruction and practice in fundamental skills techniques, strategies, basic rules, team offense and defense, and team concepts of Volleyball.</i>					
58145 9:00a-1:25p M Tu W Th Hicks R SAC D-213 06/25-08/02						59080 6:10p-9:30p M W Abbey T SAC G-105 06/11-08/01					
16 hours in ESL Listening Lab required. 45 minutes arranged per scheduled meeting day.						EXERCISE SCIENCE ADAPTED ACTIVITIES					
ENGLISH FOR MULTILINGUAL STUDENTS 110, INTRODUCTION TO THE ESSAY 3 UNITS						E.S. ADAPTED ACTIVITIES 211, AQUA EXERCISE 0.5 UNIT					
<i>Introductory writing course for multilingual students who speak English fluently but make multiple grammar errors when writing. Composition course progresses from paragraph to essay, emphasizing basic expository modes, grammar review, critical reading, and revision and editing techniques. Lab hours are required.</i>						<i>An exercise class in the water. The program will be geared to improving cardiovascular endurance, increase flexibility and toning muscles. No swimming skills required.</i>					
Prerequisite: Grade of C or better in EMLS 109 or qualifying profile from ESL placement process.						59101 12:00p-2:05p M W Sos B SAC G-121 06/11-08/01					
58146 6:00p-10:15p Tu Th Mowrer M SAC D-108 06/12-08/02						EXERCISE SCIENCE AEROBIC FITNESS					
16 hours in ESL Listening Lab required. 1 hour arranged per scheduled meeting day.						E.S. AEROBIC FITNESS 146, STABILITY BALL TRAINING FOR FITNESS 0.5 UNIT					
ENGLISH FOR MULTILINGUAL STUDENTS 112, ADVANCED COMPOSITION 3 UNITS						<i>A core training and strengthening workout. A full body workout using stability balls, designed to obtain total toning and strength.</i>					
<i>Advanced level writing course for multilingual students who are fluent in conversational English but make multiple grammar errors when writing. Emphasis is on complex expository modes, grammatical accuracy in writing, grammar review, research methods, critical reading skills, and revision and editing techniques. 16 hours (1 hour per week) required in Writing Center.</i>						59083 9:50a-12:00p M W Breig D SAC G-105 06/11-08/01					
Prerequisite: Grade of C or better in EMLS 110 or qualifying profile from ESL placement process.						E.S. AEROBIC FITNESS 150, STRETCH, FLEX AND TONE 0.5 UNIT					
58148 8:00a-12:15p Tu Th Cervantes M SAC D-210 06/12-08/02						<i>A combination of stretching and toning exercises to increase strength, flexibility, and overall body fitness.</i>					
16 hours required in the Writing Center. 1 hour arranged per scheduled meeting day.						60227 7:50a-9:40a Tu Th Nutter K SAC W-107 06/12-08/02					
ENTREPRENEURSHIP						E.S. AEROBIC FITNESS 156, CARDIO BOXING 0.5 UNIT					
ENTREPRENEURSHIP 100, INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP 3 UNITS						<i>A series of boxing, kickboxing, stretching exercises arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program with 10-15 minutes of abdominal work and stretching. Aerobic activity is designed to improve muscle tone and cardiovascular endurance.</i>					
<i>Learn that venture creation is a process. Explore the types of ventures one can create and explore venture stories. Discover an overview of the entrepreneurial process. Learn to see opportunities. Discover the resources necessary to turn a dream into a business.</i>						60239 10:00a-11:25a M Tu W Rapoza J SAC W-107 06/11-08/01					
58188 TBA Doolittle G SAC WEB 06/11-07/20						E.S. AEROBIC FITNESS 157, CARDIO PUMP 0.5 UNIT					
Section 58188 Online instruction. Go to www.sac.edu/disted for more information.						<i>Instruction in overall fitness development. This class is designed to incorporate weight lifting into a cardio routine. It develops strength and endurance of all major muscle groups using routines performed to music.</i>					
EXERCISE SCIENCE ACTIVITIES						60241 11:30a-1:00p M Tu W Rapoza J SAC W-107 06/11-08/01					
E.S. ACTIVITIES 123, PERSONAL FITNESS TRAINING 1 UNIT						E.S. AEROBIC FITNESS 158, STEP AEROBICS 0.5 UNIT					
<i>Activity course designed to assist students in mastering effective lifestyles, nutritional cardiovascular and resistance training techniques crucial for personal fitness and personal growth. Goal setting and motivation, time management, stress management, as well as development of an individual fitness routine and execution of that routine are the primary topics.</i>						<i>An aerobic exercise program that improves flexibility, aerobic conditioning, muscular strength and endurance by utilizing a platform for stepping up and down. Includes a variety of stepping routines and upper body strength training exercises in controlled rhythmic patterns set to music. A complete high intensity low-impact balanced aerobic activity suited to accommodate students in all fitness levels.</i>					
59090 TBA Jones G SAC WEB 06/11-08/03						60240 5:00p-7:10p M W Howell A SAC W-107 06/11-08/01					
Section 59090 Online instruction. Go to www.sac.edu/disted for more information.						E.S. AEROBIC FITNESS 160, AQUA AEROBICS 0.5 UNIT					
Email instructor first week of class (jones_geoff@sac.edu).						<i>An aerobic exercise class in the water. The program will be geared to developing cardiovascular endurance, increasing flexibility and toning of the muscles. No swimming skills required.</i>					
E.S. ACTIVITIES 150, HATHA YOGA 1 UNIT						60242 6:00p-8:00p Tu Th Howell A SAC G-121 06/12-08/02					
<i>This class is an investigation of the history, philosophy and practice of physical Hatha Yoga. Physical exercises are designed to improve muscle tone, flexibility, breath control, relaxation, and unity of mind, body and spirit.</i>						EXERCISE SCIENCE AQUATICS					
60102 7:00a-9:05a M Tu W Rapoza J SAC W-111 06/11-08/02						E.S. AQUATICS 201, SWIMMING 1 UNIT					
E.S. ACTIVITIES 171, WRESTLING - OFF SEASON 1 UNIT						<i>Instruction and experience in the basic stroke techniques and safety procedures of swimming.</i>					
<i>Fundamentals of wrestling skills and techniques. Analysis of opponents strengths and weakness will also be considered. Student will master rules, regulations, and ethics of the activity.</i>						59100 8:00a-11:20a M W Sos B SAC G-121 06/11-08/01					
60100 7:05a-10:25a M W Silva V SAC W-111 06/11-08/01						59097 2:00p-5:00p Tu Th Sneddon D SAC G-121 06/12-08/02					
E.S. ACTIVITIES 211, BASEBALL - OFF SEASON 1 UNIT						EXERCISE SCIENCE FITNESS					
<i>Advanced fundamentals of fielding, throwing and hitting. Includes play situations with an emphasis on team offensive and defensive strategy.</i>						E.S. FITNESS 108, SUMMER CIRCUIT TRAINING 0.5 UNIT					
60099 3:00p-7:35p M W Bryant J SAC G-115 06/25-08/01						<i>An individualized program for achieving muscle tone while increasing strength and endurance. Emphasis is on warm weather exercise and its effects on the individual. Consists of resistance exercises. Summer session only.</i>					
E.S. ACTIVITIES 220, BASKETBALL 1 UNIT						60166 TBA Luppiani M SAC E-102 06/11-08/03					
<i>Instruction and practice in the fundamentals, rules, strategies, philosophies and theories of individual and team basketball.</i>						<i>Orientations must be completed on-line. All new students must access class page on Blackboard and complete the on-line orientation and test. All instructions are available on the class web page on Blackboard. Fitness Center hours Mon-Thurs 7am-2pm and 5-8pm, and Friday 8-11am.</i>					
59082 2:00p-5:20p M W Breig D SAC G-105 06/11-08/01						E.S. FITNESS 116, SUMMER CIRCUIT TRAINING FOR SUMMER FITNESS 1 UNIT					
59093 2:50p-6:00p Tu Th Luppiani M SAC G-105 06/12-08/02						<i>Individualized program for achieving muscle tone while increasing strength and endurance. Emphasis is on warm weather exercise and its effects on the individual. Consists of resistance exercises.</i>					
59087 7:00p-10:05p Tu Th Brown M SAC G-105 06/12-08/02						60167 TBA Luppiani M SAC E-102 06/11-08/03					
E.S. ACTIVITIES 227, OFF SEASON WATER POLO 1 UNIT						<i>All new students - Orientations must be completed on-line. All new students must access class page on Blackboard and complete the on-line orientation and test. All instructions are available on the class web page on Blackboard. Fitness Center hours Mon-Thurs 7am-2pm and 5-8pm, and Friday 8-11am.</i>					
<i>Instruction and experience in the fundamentals and strategies of the sport of water polo.</i>						E.S. FITNESS 124, CONDITIONING FOR ATHLETES-MEN 1 UNIT					
60103 5:30p-8:45p M W Reyes A SAC G-121 06/11-08/01						<i>An exercise program designed for athletes who participate in men's sports. Emphasis will be on the development of speed, endurance, flexibility, and strength.</i>					
E.S. ACTIVITIES 231, FOOTBALL FALL CAMP 1 UNIT						60571 2:20p-5:50p Tu W Th Jones G SAC G-113 06/26-07/26					
<i>This is an intensive course designed to prepare student athlete for a season of competition in intercollegiate football. It will include field work, classroom meeting time, and resistance training. Students must have a health screening to participate.</i>											
60389 2:45p-5:45p M Tu W Th F Sa Jones G SAC G-113 08/08-08/25											

SECTION TIME DAY INSTRUCTOR LOCATION DATES

EXERCISE SCIENCE HEALTH EDUCATION

E.S. HEALTH EDUCATION 101, HEALTHFUL LIVING 3 UNITS

A comprehensive look at factors that impact people's health, longevity and lifetime wellness. Areas covered will be personal fitness, nutrition, drugs, alcohol and tobacco, AIDS and sexually transmitted diseases and degenerative diseases including cancer, heart disease, strokes and diabetes.

59084	TBA	Breig D	SAC WEB	06/11-08/03
Section 59084 Online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class (breig_david@sac.edu).				
59085	TBA	Breig D	SAC WEB	06/25-08/03
Section 59085 Online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class (breig_david@sac.edu).				

E.S. HEALTH EDUCATION 102, WOMEN'S HEALTH ISSUES 3 UNITS

An investigation into traditional and holistic health topics with a special emphasis on women's issues, considering all aspects and concepts of social and political influences, nutrition and fitness, relationships, sexuality, reproductive issues and careers. Through analysis of these topics, students apply methods to healthy lifestyle choices.

60121	TBA	Coffman J	SAC WEB	06/11-08/03
Section 60121 Online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class (Coffman_jodi@sac.edu)				
59096	TBA	Nutter K	SAC WEB	06/11-08/03
Section 59096 Online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class (nutter_kim@sac.edu)				

E.S. HEALTH EDUCATION 104, NUTRITION AND FITNESS 2 UNITS

An applied nutrition course to improve the nutrition and health of active individuals. The course will focus on lifestyle, disease prevention, fitness, weight control, and the basic concepts of good nutrition.

59092	TBA	Jones G	SAC WEB	06/11-08/03
Section 59092 Online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class (jones_geoff@sac.edu).				
59081	TBA	Abbey T	SAC WEB	06/11-08/03
Section 59081 Online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class (abbey_troy@sac.edu).				

E.S. HEALTH EDUCATION 107, CARDIOPULMONARY RESUSCITATION 2 UNITS

Instruction in artificial respiration and manual artificial circulation that is recommended for use in cardiac arrest cases. Instruction in the Automatic External Defibrillator (AED) will also be included. Successful completion may lead to American Heart Association Certificate and/or American Red Cross Certificate. May be repeated for recertification.

59098	9:00a-11:50a	Tu Th	Sneddon D	SAC G-107	06/26-08/02
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EXERCISE SCIENCE PROFESSIONAL

E.S. PROFESSIONAL 150, SPORT AND SOCIETY 3 UNITS

Examines the role of sport in modern society. Looks at how sport influences and shapes global attitudes among nations. Investigates the historical, social, economic and political impact of sport on society.

59094	TBA	Luppani M	SAC WEB	06/11-08/03	
Section 59094 Online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class (luppani_flo@sac.edu).					
60372	6:00p-7:25p	Tu Th	Ogas M	SAC F-102	06/12-08/02

FIRE TECHNOLOGY

FIRE TECHNOLOGY 101, FIRE PROTECTION ORGANIZATION 3 UNITS

Survey of career opportunities in fire service and related fields, history of fire protection; fire loss analysis; public, quasi-public and private fire protection services; specific fire protection functions; fire chemistry and physics.

58260	8:00a-11:10a	Tu Th	Freeman S	SAC W-101	06/12-08/02
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GEOGRAPHY

GEOGRAPHY 100, WORLD REGIONAL GEOGRAPHY 3 UNITS

The study of major world political and natural regions. The location of the regions on earth, the physical and cultural elements that lend the regions their identities, and ways in which these elements relate to the regions' inhabitants and economies.

58287	8:00a-11:10a	M Tu W Th	Courter W	SAC D-202	06/04-06/28
58288	11:30a-2:40p	M Tu W Th	Courter W	SAC D-202	06/04-06/28

GEOLOGY

GEOLOGY 101, INTRODUCTION TO GEOLOGY 3 UNITS

Introductory course for students in any major. Study of the internal and external processes that shape the earth (earthquakes, volcanoes, groundwater, streams, landslides). Optional field trip offered. Concurrent enrollment in Geology 101L is recommended.

58911	9:00a-1:35p	M W	Hughes P	SAC R-111	06/11-07/18
Section 58911 Optional field trip offered. Concurrent enrollment in Geology 101L is recommended.					

GEOLOGY 101L, INTRODUCTION TO GEOLOGY LABORATORY 1 UNIT

Study of the common minerals and rocks. Map reading and interpretation of geology using topographic maps, geologic maps and aerial photos.

Prerequisite: Geology 101 or concurrent enrollment.					
58914	9:00a-1:15p	Tu Th	Hughes P	SAC R-111	06/12-07/19

HISTORY

HISTORY 101, WORLD CIVILIZATIONS TO THE 16TH CENTURY 3 UNITS

Development of world civilizations and their interrelationships from the earliest beginnings to the sixteenth century. Basic ideas, institutions, personalities, and artistic achievements of these societies.

58289	6:00p-9:20p	M W	Ghelfi G	SAC D-212	06/11-08/01
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HISTORY 120, THE UNITED STATES TO 1865 3 UNITS

Examines major political, economic, intellectual, and social forces at home and abroad that shaped American life from the colonial period through the Civil War.

58291	9:00a-12:20p	M W	Ghelfi G	SAC D-212	06/11-08/01
58292	9:00a-12:10p	M Tu W Th	Staff	SAC I-208	06/04-06/28

SECTION TIME DAY INSTRUCTOR LOCATION DATES

HISTORY 121, THE UNITED STATES SINCE 1865 3 UNITS

A critical analysis of American history. Includes industrial and technological development, the changing nature of society, cultural developments, domestic politics, and America's expanded world role.

58293	TBA	Ghelfi G	SAC TV	06/11-08/03
Section 58293 Telecourse plus optional on-campus review sessions: Mon 6/11, 6/18, 6/27, 7/9 and 7/16 5-6:00pm in SAC D-105. Go to www.sac.edu/disted form more information.				

HISTORY 124, MEXICAN-AMERICAN HISTORY IN THE UNITED STATES 3 UNITS

Survey of Mexican-American history in the U.S. from the Pre-Columbian period to the present. Emphasis on Mexican-American contributions to the political, social, economic, and cultural development of the U.S. Will also examine the relationship of Mexican-Americans to other cultural groups.

58294	6:00p-9:20p	M W	Veyna A	SAC D-302	06/11-08/01
58295	6:00p-9:10p	Tu Th	Veyna A	SAC D-304	06/12-08/02

HISTORY 127, WOMEN IN U.S. HISTORY 3 UNITS

Women of European, African, Native, Hispanic, and Asian backgrounds examined in U.S. 1607-present. Emphasis on individualization, social status, family, reproduction, child care, slavery, jobs, and political activism. Legal impact and theories of patriarchal oppression raised.

58296	9:00a-12:10p	Tu Th	Veyna A	SAC D-105	06/12-08/02
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HUMAN DEVELOPMENT

HUMAN DEVELOPMENT 107, CHILD GROWTH AND DEVELOPMENT (DS1) 3 UNITS

This course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, from conception through adolescence. Using developmental theories and research methodologies, course emphasis will be on typical and atypical development, maturational processes and environmental factors. Students will also observe children, evaluate individual differences and analyze characteristics of development at various stages.

59331	TBA	Kimmel M	SAC WEB	06/11-08/03	
Section 59331 is online instruction plus one mandatory orientation meeting on Wed., June 13, 5-6:25 pm, SAC H-201. Go to www.sac.edu/disted for more information. Email instructor first week of class (kimmel_michelle@sac.edu)					
59333	9:00a-12:10p	M W	Dunn C	SAC W-101	06/11-08/01

HUMAN DEVELOPMENT 110, CHILD, FAMILY AND COMMUNITY (DS2) 3 UNITS

This class examines the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizes historical and socio-cultural factors. Socialization processes and identity development that support and empower families by showing the importance of respectful, reciprocal relationships will be explored.

59336	9:00a-12:10p	Tu Th	Staff	SAC V-150	06/12-08/02
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HUMAN DEVELOPMENT 200, COMPUTER LITERACY FOR EARLY CHILDHOOD EDUCATORS 3 UNITS

An introduction to computer concepts and digital camera use strategies for child development teachers which will allow them to understand and evaluate the impact of technology as it relates to growth and development of children and developmentally appropriate practices. Basic knowledge and practice in computer operation, word processing, internet operation and research, e-mail and selecting software applications will be included.

59338	9:00a-12:20p	M Tu W Th	Valdez S	SAC T-203	06/11-07/05
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HUMAN DEVELOPMENT 205, EXCEPTIONALITY AND SPECIAL NEEDS IN HUMAN DEVELOPMENT 3 UNITS

Study of diseases and disorders found in children resulting in exceptionality, including mental retardation; visual, speech, and hearing impairments; behavior disorders, learning disabilities and physical and health impairments. (Same as Special Services 205).

59343	6:00p-9:20p	M W	Silverman L	SAC A-128	06/11-08/01
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HUMAN DEVELOPMENT 210, CREATIVE MUSIC EXPERIENCES FOR YOUNG CHILDREN 1.5 UNITS

Explores the basics of musical expression through movement, songs, rhythm and listening activities as used in the Early Childhood curriculum. Includes the study of musical growth and development in young children.

59344	4:30p-10:30p	W	Valdez S	SAC V-150	06/13-07/11
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HUMAN DEVELOPMENT 230, CHILD GUIDANCE AND CLASSROOM MANAGEMENT 2 UNITS

This course will explore expectations about young children's behavior and the importance of teacher interaction skills in addressing and dealing with behavior issues. Behavior expectations will be defined, skills for dealing with various behaviors will be developed and a file of community resources in regards to behavioral issues will be created. It is advised that participants take this course in conjunction with working in a classroom setting.

59348	7:00p-9:05p	Tu Th	Torresluna J	SAC V-150	06/12-08/02
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MANAGEMENT

MANAGEMENT 120, PRINCIPLES OF MANAGEMENT 3 UNITS

Principles, methods, and procedures essential to the successful management of human and financial resources. Planning, decision making, staffing, directing, motivating, leading, communicating, controlling and the application of managerial skills. (Same as Business 120.)

58199	6:00p-10:20p	M W	Irion M	SAC A-130	06/11-07/18
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MANAGEMENT 122, BUSINESS COMMUNICATIONS 3 UNITS

Overview of oral and written communication skills used in business; emphasizes guidelines for improving writing and speaking skills, common solutions to common communication problems, ethical issues facing business communicators today, instructions on how to identify areas of legal vulnerability, and tested techniques for communicating successfully in today's high-tech, international business environment. Suggested preparation: English 061 or English for Multi-lingual Students 112 or American College English 116.

58186	6:00p-10:00p	Tu Th	Woolgar D	SAC A-225	06/19-07/26
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MANUFACTURING TECHNOLOGY

MANUFACTURING TECHNOLOGY 073, MASTERCAM - 2D GEOMETRY, 2D TOOLPATHS 3 UNITS

Computer assisted numerical control programming of machine tools using mastercam software. Creation of 2D-part geometry. 2D-part programming including contouring, pocketing, drilling, and tapping. Suggested preparation: Manufacturing Technology 071.

59305	6:00p-8:50p	Tu Th	Singh N	SAC T-203-1	06/12-08/02
2 hours arranged per scheduled meeting day.					

MANUFACTURING TECHNOLOGY 103, SOLIDWORKS BASIC SOLID MODELING 3 UNITS

Introductory course in parametric solid modeling. This course will include a solid modeling overview, solid model construction techniques (extrude, revolve, sweep, primitive, fillet, chamfer, etc), including the preparation of individual solid components and basic solid model assemblies. (Same as Engineering 103.)

59306	6:00p-9:25p	M W	Kanzler D	SAC T-203	06/11-08/01
2 hours arranged per scheduled meeting day.					

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES	SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
MARKETING						MATHEMATICS 140, COLLEGE ALGEBRA 4 UNITS					
MARKETING 113, PRINCIPLES OF MARKETING 3 UNITS						<i>Survey of advanced topics in algebra: equations, inequalities and functions involving polynomials, rationals, exponentials, and logarithms with applications and graphing; sequences and series; counting theory; probability.</i>					
<i>The process of developing products that will satisfy the many needs of consumers and businesses. Includes market research techniques, pricing, distribution, and promotion.</i>						Prerequisite: Mathematics 080 or 081 with a grade of C or better or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080 or 081.					
58200	6:00p-9:00p	Tu Th	Russo J	SAC A-207	06/12-08/02	58933	11:30a-2:25p	M Tu W Th	Carrera C	SAC H-107	06/11-07/19
MATHEMATICS						MATHEMATICS 150, CALCULUS FOR BIOLOGICAL, MANAGEMENT AND SOCIAL SCIENCES 4 UNITS					
MATHEMATICS N05A, BASIC MATHEMATICS-A 1 UNIT						<i>Single and multi-variable calculus including limits, derivatives, integrals, exponentials and logarithmic functions and partial derivatives. Applications are drawn from Biology, Social Science and Business.</i>					
<i>Reviews whole numbers and fractions using lectures, self-paced computer assisted instruction, and manipulative activities. Not applicable to associate degree.</i>						Prerequisite: Mathematics 140 or Mathematics 145 with a grade of C or better; placement into Mathematics 150 on the Mathematics level 3 placement exam and a course equivalent to Mathematics 140.					
Open Entry / Open Exit						58934 6:00p-9:35p M Tu W Th Galima L SAC H-105 06/11-07/19					
58943	9:00a-11:55a	M Tu W Th	Rogers N	SAC L-202	06/11-07/19	MATHEMATICS 160, TRIGONOMETRY 4 UNITS					
58944	6:00p-8:55p	M Tu W Th	Mahoney J	SAC L-202	06/11-07/19	<i>Angles and their measurement, trigonometry functions and their applications, including vector problems. Use of trigonometric identities. Graphing the basic functions and variations, solving trigonometric equations. Graphing using polar coordinates, and use of complex numbers.</i>					
MATHEMATICS N05B, BASIC MATHEMATICS-B 1 UNIT						Prerequisite: Both Mathematics 070 and 080 or 081 with a grade of C or better; or placement in Mathematics 160 with the Mathematics Level 3 exam and courses equivalent to Mathematics 070 and 080 or 081.					
<i>Reviews decimals and percents using lectures, self-paced computer assisted instruction, and manipulative activities. Not applicable to associate degree.</i>						58935 8:00a-10:55a M Tu W Th Hager B SAC A-128 06/11-07/19					
Prerequisite: Mathematics N05A.						MATHEMATICS 170, PRE-CALCULUS MATHEMATICS 4 UNITS					
Open Entry / Open Exit						<i>Advanced algebraic topics. Study of rational, trigonometric, exponential and logarithmic functions, and analytic geometry. Preparation for Mathematics 180.</i>					
58945	9:00a-11:55a	M Tu W Th	Rogers N	SAC L-202	06/11-07/19	Prerequisite: Mathematics 160 with a grade of C or better or equivalent skills as measured by the Math Level 4 Exam and a course equivalent to Mathematics 160.					
58946	6:00p-8:55p	M Tu W Th	Mahoney J	SAC L-202	06/11-07/19	58936	11:30a-3:05p	M Tu W Th	Lieu T	SAC H-109	06/11-07/19
MATHEMATICS N05C, BASIC MATHEMATICS-C 1 UNIT						MATHEMATICS 180, ANALYTIC GEOMETRY AND CALCULUS 4 UNITS					
<i>Reviews geometric formulas and signed numbers using lectures, self-paced computer assisted instruction, and manipulative activities. Not applicable to associate degree.</i>						<i>Limits and continuity, derivatives and integrals of algebraic, trigonometric, and other transcendental functions. Applications including extrema tests, related rates and areas.</i>					
Prerequisite: Mathematics N05A and N05B.						Prerequisite: Mathematics 170 (Precalculus) with a grade of C or better or equivalent skills as measured by the Math Level 4 Exam and a course equivalent to Mathematics 170.					
Open Entry / Open Exit						58937 11:15a-2:50p M Tu W Th Cedeno J SAC H-104 06/11-07/19					
58947	9:00a-11:55a	M Tu W Th	Rogers N	SAC L-202	06/11-07/19	MATHEMATICS 185, ANALYTIC GEOMETRY AND CALCULUS 4 UNITS					
58948	6:00p-8:55p	M Tu W Th	Mahoney J	SAC L-202	06/11-07/19	<i>Applications of integrals, including volumes, work, arc length, and surface area. Integration techniques, differential equations, conics, parametric equations, polar coordinates, improper integrals, sequences and infinite series.</i>					
MATHEMATICS N06, ESSENTIAL MATHEMATICS 3 UNITS						Prerequisite: Mathematics 180 or 180H, first semester calculus, with a grade of C or better.					
<i>Reviews whole numbers, fractions, decimals, percents, geometric formulas and signed numbers. Not applicable to associate degree.</i>						58938 6:00p-9:35p M Tu W Th Bui M SAC H-104 06/11-07/19					
Prerequisite: Must take math placement test.						MATHEMATICS 219, STATISTICS AND PROBABILITY 4 UNITS					
58949	11:00a-1:55p	M Tu W Th	Root A	SAC L-207	06/11-07/19	<i>Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology. (Same as Social Science 219.)</i>					
MATHEMATICS N47A, PRE-ALGEBRA/ALGEBRA ESSENTIALS A 2 UNITS						Prerequisite: Mathematics 080 or 081 with a grade of C or better or placement into Mathematics 219 on the Mathematics Level 3 placement Exam AND a course equivalent to Mathematics 080 or 081.					
<i>For students who have little or no previous algebra experience. This course offers an introduction to basic algebra concepts, math vocabulary, and algebraic operations using lectures, self-paced computer assisted instruction, and manipulative activities. This course is intended to be a bridge from basic arithmetic to elementary algebra. Not applicable to the associate degree.</i>						58942 11:30a-3:05p M Tu W Th Everett M SAC H-108 06/11-07/19					
Prerequisite: Mathematics N05 (N05A, N05B, and N05C) or N06 with a grade of C or better or equivalent skills as measured by the Math Level 1 Exam and a course equivalent to Math N05 or N06.						58940 6:00p-9:35p M Tu W Th Nguyen D SAC H-108 06/11-07/19					
Open Entry / Open Exit						MUSIC					
58951	9:00a-11:55a	M Tu W Th	Rogers N	SAC L-202	06/11-07/19	MUSIC 101, MUSIC APPRECIATION 3 UNITS					
58952	6:00p-8:55p	M Tu W Th	Mahoney J	SAC L-202	06/11-07/19	<i>Designed to increase awareness and appreciation of music from the European classical tradition in relation to general culture and history. Develops basic understanding of musical elements and deepens student's experience of music. Recommended for non-music majors.</i>					
MATHEMATICS N47B, PRE-ALGEBRA/ALGEBRA ESSENTIALS B 2 UNITS						58403 58403 Online instruction. Go to www.sac.edu/disted for more information.					
<i>For students who have little or no previous algebra experience. This course offers an introduction to basic algebra concepts, math vocabulary, and algebraic operations using lectures, self-paced computer assisted instruction, and manipulative activities. This course is intended to be a bridge from basic arithmetic to elementary algebra. Not applicable to the associate degree.</i>						58404 6:00p-10:10p Tu Th Jin J SAC C-104 06/12-07/19					
Prerequisite: Mathematics N05 or N06 with a grade of C or better or equivalent skills as measured by the Math Level 1 Exam and a course equivalent to Math N05 or N06. Math N47A is a prerequisite/corequisite.						MUSIC 103, JAZZ IN AMERICA 3 UNITS					
Open Entry / Open Exit						<i>A historical survey of the development and evolution of jazz in America from its earliest roots in African and European music. The study will also include the social and economic conditions which influenced this art form.</i>					
58953	9:00a-11:55a	M Tu W Th	Rogers N	SAC L-202	06/11-07/19	58406 9:00a-1:20p M W Kehlenbach E SAC N-114 06/11-07/18					
58955	6:00p-8:55p	M Tu W Th	Mahoney J	SAC L-202	06/11-07/19	MUSIC 121, BEGINNING VOICE 1 UNIT					
MATHEMATICS N48, PRE-ALGEBRA/ALGEBRA BASICS 4 UNITS						<i>Group instruction for beginners emphasizing basic principles of solo and choral voice production, diction, breath control, and posture. Practice outside of class required. Recommended for non music majors and for music majors not studying privately.</i>					
<i>For students who have little or no previous algebra experience. This course offers an introduction to basic algebra concepts, math vocabulary, algebraic operations. This course is intended to be a bridge from basic arithmetic to elementary algebra. Not applicable to associate degree.</i>						58407 6:00p-6:55p M W O'Hern E SAC N-117 06/11-08/01					
Prerequisite: Mathematics N05 or N06 with a grade of C or better or placement into Mathematics N48 on the Math Level 1 Exam and a course equivalent to Mathematics N05 or N06.						7:00p-8:05p M W O'Hern E SAC N-117					
58956	8:00a-10:55a	M Tu W Th	Rollins-Logay E	SAC R-113	06/11-07/19	MUSIC 122, INTERMEDIATE VOICE 1 UNIT					
58957	2:45p-5:40p	M Tu W Th	Meier K	SAC R-113	06/11-07/19	<i>Group instruction designed to develop intermediate principles of solo and choral voice production, diction, breath control and posture. Vocal analysis of each student emphasized. Practice outside of class required. Song literature matched to student level. Recommended for non music majors and for music majors not studying privately.</i>					
58958	6:00p-8:55p	M Tu W Th	Meier K	SAC R-113	06/11-07/19	Prerequisite: Music 121.					
MATHEMATICS 060, ELEMENTARY ALGEBRA 4 UNITS						58410 6:00p-6:55p M W O'Hern E SAC N-117 06/11-08/01					
<i>A first course in algebra which includes solutions and applications of first and second degree equations, geometric concepts, graphs, inequalities, exponents, polynomials, and algebraic fractions.</i>						7:00p-8:05p M W O'Hern E SAC N-117					
Prerequisite: Mathematics N48 with a grade of C or better; or placement into mathematics 060 on the mathematics level 1 or 2 placement exam and a course equivalent to Mathematics N48 or N47(all four units).						MUSIC 161, CLASS PIANO I 1 UNIT					
58918	8:00a-10:55a	M Tu W Th	Nguyen H	SAC H-104	06/11-07/19	<i>Group instruction for beginners emphasizing note reading, basic keyboard skills, chord patterns and sight reading. Practice outside of class required. Practice pianos available on campus. Required for music majors whose principal instrument is not piano.</i>					
58925	9:00a-11:55a	M Tu W Th	Lewis L	SAC H-105	06/11-07/19	58413 11:00a-11:55a M W Blake P SAC N-106 06/11-08/01					
58921	3:00p-5:55p	M Tu W Th	Bradley K	SAC H-104	06/11-07/19	12:00p-1:05p M W Blake P SAC N-106					
58922	6:00p-8:55p	M Tu W Th	Maiah A	SAC H-107	06/11-07/19	58414 6:00p-6:55p M W Blake P SAC N-106 06/11-08/01					
MATHEMATICS 080, INTERMEDIATE ALGEBRA 4 UNITS						7:00p-8:05p M W Blake P SAC N-106					
<i>Systems of equations: inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions, problem solving.</i>						MUSIC 185, BEGINNING CLASSICAL GUITAR 1 UNIT					
Prerequisite: Mathematics 060 or 061 with a grade of C or better; or placement into Math 080 on the Mathematics level 2 placement exam and a course equivalent to Mathematics 060 or 061.						<i>Basic instruction in guitar technique and music nomenclature as related to performance of entry level solo and ensemble repertoire. Student must furnish nylon string guitar.</i>					
58926	7:30a-11:05a	M Tu W Th	Everett M	SAC H-109	06/11-07/19	58415 6:00p-6:55p Tu Th Giralдин M SAC N-114 06/12-08/02					
58930	8:00a-1:50p	M Tu W Th	Zarske J	SAC A-214	06/11-07/05	7:00p-8:00p Tu Th Giralдин M SAC N-114					
58929	9:00a-12:35p	M Tu W Th	Vu D	SAC R-114	06/11-07/19						
58931	11:30a-3:05p	M Tu W Th	Leeds K	SAC R-117	06/11-07/19						
58927	5:00p-8:35p	M Tu W Th	Leeds K	SAC H-109	06/11-07/19						
MATHEMATICS 105, MATHEMATICS FOR LIBERAL ARTS STUDENTS 3 UNITS											
<i>An overview of mathematics for the liberal arts student. Topics will include problem solving, financial management, probability, statistics, and selected other topics such as set theory, geometry, logic, mathematical modeling, and the history of mathematics.</i>											
Prerequisite: Mathematics 080 or 081 with a grade of C or better or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080 or 081.											
58932	3:00p-5:55p	M Tu W Th	Kassman S	SAC R-318	06/11-07/19						

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
MUSIC 198, INTRODUCTION TO LOGIC PRO 9 AUDIO PRODUCTION SOFTWARE 1 UNIT					
<i>Primary functions and basic user interface of Logic Pro 9. Intended to help students in the Digital Music Production Program prepare for the Apple Certified Pro end user exam in Logic 9, level 1 (exam is not required and exam cost not included). Recommended preparation: MUS 142 and/or MUS 146 as well as basic knowledge of Mac OS X.</i>					
59362	6:30p-7:50p	Tu Th	Kehlenbach E	DMC-204	06/12-07/19
	7:55p-9:15p	Tu Th	Kehlenbach E	DMC-204	

NURSING-REGISTERED

NURSING-REGISTERED 103, PHARMACOLOGICAL CONCEPTS OF NURSING 3 UNITS					
<i>Introduction to pharmacology, dosage calculations, drug classifications and application of nursing process to drug administration. Completion required prior to entry into Nursing-Registered 102/102L.</i>					
Prerequisite: English 101 or English 101H, Biology 239, Biology 249, Biology 139 or 229.					
58227	11:15a-2:25p	Tu Th	Paunovic M	SAC A-128	06/12-08/02

NURSING-REGISTERED 112, NURSING CONCEPTS 1.5 UNITS					
<i>Emphasizes development of the registered nurse including role, communication, nursing process, legal and ethical concepts, dimensional analysis, test taking strategies, the Santa Ana Conceptual Framework for Nursing, nutrition and medical terminology. Completion required prior to entry into Nursing-Registered 102/102L.</i>					
Prerequisite: English 101 or Eng 101H, Biology 149 or Biology 239, Biology 249, Biology 139 or 229.					
58228	1:00p-4:40p	W	Coliflores R	SAC R-114	06/13-08/01

NUTRITION & FOOD

NUTRITION & FOOD 115, NUTRITION 3 UNITS					
<i>The function and sources of nutrients and their role in health and disease are assessed within the framework of anatomy, physiology and chemistry. The course includes utilization of scientific methods to evaluate nutrition information, research and application of current nutrition issues and controversies. The students will analyze their food intake.</i>					
59304	TBA		Higgins R	SAC WEB	06/11-08/03
Section 59304 is online instruction plus mandatory orientation on Wed., 06/13 from 6-7pm, SAC T-212. Go to www.sac.edu/disted for more information. Instructor's email is higgins_rita@sac.edu					

PARALEGAL

PARALEGAL 101, LAW OFFICE MANAGEMENT 2 UNITS					
<i>Structure and procedures of the law office. Emphasis on organization of filing systems, litigation management, calendaring, tickler systems, indexing and summarizing documents, timekeeping, fees and billing, job search, law office layout.</i>					
Prerequisite: Paralegal 100 or concurrent enrollment.					
58645	TBA		Manzano F	SAC WEB	06/11-08/03
Section 58645 Check class web site at rscdd.blackboard.com for more information.					

PARALEGAL 120, COMPUTERS IN THE LAW OFFICE 4 UNITS					
<i>Basic computer concepts for law office personnel. The focus will be on current hardware and software used in the law office.</i>					
58647	6:00p-10:10p	Tu Th	Keck E	SAC A-108	06/12-08/02

PARALEGAL 121, ETHICS AND PROFESSIONAL RESPONSIBILITY 2 UNITS					
<i>Ethics and professional responsibility for paralegals: fees, client funds, billing, advertising, solicitation, unauthorized practice, deceit, confidentiality; conflict of interest, suppressing evidence, reporting misconduct and professional practice obligations.</i>					
Prerequisite: Paralegal 100 or concurrent enrollment.					
58648	TBA		Manzano F	SAC WEB	06/11-08/03
Section 58648 Check class web site at rscdd.blackboard.com for more information.					

PARALEGAL 122, ELDER LAW 2 UNITS					
<i>Law and procedures for the aging population. Interviewing, advance directives, wills, trusts, guardianships, patients' rights in healthcare decisions, entitlement programs, managed care, long-term care insurance, viatical settlements, living facilities, financial planning, social security, and elder abuse.</i>					
Prerequisite: Paralegal 100 or concurrent enrollment.					
58649	6:00p-10:10p	M	Robinson K	SAC A-205	06/11-07/30

PHARMACY TECHNOLOGY

PHARMACY TECHNOLOGY 048, INTRODUCTION TO PHARMACY TECHNOLOGY 2 UNITS					
<i>Overview of the SAC Pharmacy Technician training program. Definition of the roles and preview of the opportunities open to pharmacy technicians in various practice settings. Presentation of pharmaceutical dosage forms, the drug development process, and drug classification systems. Introduction to prescription labeling and to the law and ethics of pharmacy practice.</i>					
60017	6:00p-8:05p	M W	Nguyen H	SAC H-207	06/11-08/01

PHARMACY TECHNOLOGY 052, BODY SYSTEMS II 3.5 UNITS					
<i>Anatomy, physiology, pathology, and pharmacology of the integumentary, endocrine, gastrointestinal, and nervous systems. Basic terminology, with emphasis on word analysis and construction, medical abbreviations, and lay terms.</i>					
60018	6:00p-9:45p	Tu Th	Nguyen H	SAC H-210	06/12-08/02

PHARMACY TECHNOLOGY 054, PHARMACY CALCULATIONS 2 UNITS					
<i>Calculations related to drug dosage, measurements of strength, and preparation of medications. Includes interconversion of units in the metric and common systems of measurement. Emphasis on unit-cancellation for solving pharmacy situation problems. Strong verbal component.</i>					
60019	8:15p-10:20p	M W	Nguyen H	SAC H-207	06/11-08/01

PHARMACY TECHNOLOGY 057, INPATIENT PHARMACY SERVICES 1.5 UNITS					
<i>Technical aspects of drug distribution for the inpatient (hospital) pharmacy setting. Hands-on training in medication order processing, pharmacy patient profile maintenance, medication preparation, and inpatient drug distribution using manual and automated systems. Includes electronic and manual record-keeping, pharmacy law, and CQI.</i>					
Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with grades of C or better, 30wpm typing.					
60020	6:00p-10:10p	M W	Ross Jr J	SAC H-210	06/11-07/18

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
PHARMACY TECHNOLOGY 061, PHARMACY TECHNOLOGY SKILLS LAB 0.5 UNIT					
<i>Supervised use of the Pharmacy Technology lab to assist the student in developing competency in the technical skills required to successfully complete the Pharmacy Operations, Inpatient Pharmacy Services, Sterile Products, Pharmacy Technology Externship, and/or Sterile Products Review courses. Lab hours verified by sign-in.</i>					
Prerequisite: Concurrent enrollment in Pharmacy Technology 056, 057, 060, 072, or 084.					
Open Entry / Open Exit					
60021	2:00p-5:00p	M W	Ross Jr J	SAC H-210	06/11-07/18

PHARMACY TECHNOLOGY 072, PHARMACY TECHNOLOGY EXTERNSHIP 0.5 - 4 UNITS					
<i>On-site training in three pharmacy practice settings. Students must complete the related lab course prior to placement in a specific rotation: PHAR 056 for outpatient, Pharmacy 057 for inpatient, Pharmacy 060 for sterile products. Students must pass the trade-generic test prior to placement. Some sites require additional screening. Completion of all three rotations (320 hours) required for the advanced certificate.</i>					
Prerequisite: Completion of Pharmacy Technology 056 and 057 for retail and inpatient rotations, 056 for the retail rotation, 060 for the sterile products rotation, with a grade of C or better; current TB clearance; Speech Communication 097, 101, 101H or 102.					
Open Entry / Open Exit					
60023	TBA		Huynh-Dang K	SAC H-210	06/04-08/26

PHARMACY TECHNOLOGY 080, PHARMACY CALCULATIONS REVIEW 2 UNITS					
<i>Review of calculations related to drug dosage, measurements of strength, and preparations of medications. Includes interconversion of units in the metric and common systems of measurements. Emphasis on unit-cancellation for solving pharmacy situation problems.</i>					
Prerequisite: Pharmacy Technology 054.					
60022	8:15p-10:20p	M W	Nguyen H	SAC H-207	06/11-08/01

PHILOSOPHY

PHILOSOPHY 106, INTRODUCTION TO PHILOSOPHY 3 UNITS					
<i>A survey of historical and contemporary ideas on how to live the good life.</i>					
58297	9:00a-12:20p	M W	Shigematsu T	SAC D-105	06/11-08/01

PHILOSOPHY 108, ETHICS 3 UNITS					
<i>Introduction to key historical and modern theories of philosophical ethics and the application of these theories to ethical issues facing society today. Assists in clarifying our thinking about morality/ethics. Course increases awareness of values in personal and contemporary issues.</i>					
58298	6:00p-10:15p	M W	Fish Z	SAC D-304	06/25-08/01

PHILOSOPHY 110, CRITICAL THINKING 4 UNITS					
<i>College-level critical thinking and writing. Promotes self-awareness, independent thinking, and improved academic expression. Examines philosophical methods of reasoning and composition, and the uses of informal logic and criticism in personal life, college, work, and democratic society.</i>					
Prerequisite: English 101 or 101H with a grade of C or better					
58299	6:00p-10:15p	M W	Shigematsu T	SAC D-105	06/11-08/01

PHOTOGRAPHY

PHOTOGRAPHY 180, BEGINNING PHOTOGRAPHY 3 UNITS					
<i>A beginning black and white photography course including cameras, exposure meters, film, lighting, darkroom printing, digital process and print presentation. The student will develop aesthetic knowledge and technical skills of photography. An adjustable film camera is required.</i>					
Material Fee(s): \$15					

58400	10:00a-12:05p	M W	Lanoue M	SAC A-219	06/11-08/01
	12:10p-3:20p	M W	Lanoue M	SAC A-219	
58401	5:00p-6:55p	Tu Th	Lanoue M	SAC A-219	06/12-08/02
	7:00p-10:10p	Tu Th	Lanoue M	SAC A-219	

PHYSICAL SCIENCE

PHYSICAL SCIENCE 117, PHYSICAL SCIENCE SURVEY 3 UNITS					
<i>Introduction to the methods of science and concepts relating to mechanics, states of matter, waves, heat, electricity, light, atomic structure and chemical reactions. May include topics from Earth and space science. Emphasis is on basic principles, relationships, and applications to modern civilization. This course is open to all majors. Concurrent enrollment in Physical Science 118 is highly recommended.</i>					
58960	10:30a-2:45p	Tu Th	Budarz T	SAC R-128	06/12-07/19

PHYSICAL SCIENCE 118, PHYSICAL SCIENCE SURVEY LABORATORY 1 UNIT					
<i>Laboratory course to accompany Physical Science 117. Laboratory topics include: motion, forces, energy, thermodynamics, electricity, circuits, optics, and chemical reactions.</i>					
58961	10:30a-3:05p	M W	Budarz T	SAC R-328	06/11-07/18

PHYSICS

PHYSICS 109, SURVEY OF GENERAL PHYSICS 4 UNITS					
<i>The study of important phenomena in physics. Topics include: mechanics, fluids, thermodynamics, sound, light, electricity, magnetism and modern physics. Recommended for all students interested in a conceptual approach to physics and students planning on taking more advanced courses in physics.</i>					
58959	10:30a-2:45p	Tu Th	Budarz T	SAC R-128	06/11-07/19
	10:30a-3:05p	M W	Budarz T	SAC R-328	

POLITICAL SCIENCE

POLITICAL SCIENCE 101, INTRODUCTION TO AMERICAN GOVERNMENTS 3 UNITS					
<i>Study of United States national government and California state and local governments. Satisfies graduation requirement for American institutions and state requirements for California state government.</i>					
58304	8:00a-10:10a	M Tu W Th	Murphy T	SAC D-106	06/25-08/02
58306	9:00a-12:10p	M Tu W Th	Petri M	SAC D-109	06/04-06/28
58302	9:00a-1:35p	M W	Andrade P	SAC D-101	06/25-08/01
58301	11:00a-1:10p	M Tu W Th	Murphy T	SAC D-106	06/25-08/02
58307	6:00p-9:10p	M Tu W Th	Valenzuela E	SAC I-104	06/04-06/28
58305	6:00p-9:10p	Tu Th	Becker C	SAC D-101	06/12-08/02
58303	6:00p-10:15p	Tu Th	Murphy T	SAC D-106	06/26-08/02
58300	6:00p-10:15p	M W	Andrade P	SAC D-101	06/25-08/01

PSYCHOLOGY

PSYCHOLOGY 100, INTRODUCTION TO PSYCHOLOGY 3 UNITS
An introduction to the major theories, methods, concepts, ethical issues, and findings in the major fields in psychology including (but not limited to): research methods, biological bases of behavior, perception, learning, memory, cognition, emotion, motivation, development, personality, social, and abnormal psychology.

58308	8:00a-12:35p	M W	Ortiz F	SAC D-434	06/25-08/01
58311	8:00a-12:15p	Tu Th	Ortiz F	SAC D-434	06/26-08/02
58312	8:00a-11:20a	M Tu W Th	Pedroza J	SAC I-201	06/11-07/05
58310	1:00p-4:20p	M Tu W Th	Pedroza J	SAC D-303	06/11-07/05
58309	6:00p-10:15p	Tu Th	Castillo R	SAC D-434	06/26-08/02

READING

READING N80A, FUNDAMENTALS OF READING 3 UNITS
Instruction in basic reading skills including techniques for improving vocabulary and spelling, word attack skills, and reading comprehension. Not applicable to associate degree.

58315	6:00p-10:15p	Tu Th	Colunga M	SAC D-307-1	06/26-08/02
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READING N80B, FUNDAMENTALS OF READING 3 UNITS
Continued instruction in basic reading skills including techniques for improving vocabulary and spelling, word attack skills, and reading comprehension. Not applicable to associate degree.
 Prerequisite: Reading N80A.

58316	6:00p-10:15p	Tu Th	Colunga M	SAC D-307-1	06/26-08/02
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READING N90A, INDIVIDUALIZED READING 3 UNITS
Individualized instruction in vocabulary, comprehension, critical evaluation and reading rate. Grade: P/NP only. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections).

58317	9:00a-1:15p	Tu Th	Gilreath G	SAC D-309	06/26-08/02
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16 lab hours required. 1.5 hour arranged per scheduled meeting

READING N90B, INDIVIDUALIZED READING 3 UNITS
Further develops reading skills. Individualized instruction in vocabulary, comprehension, critical evaluation and reading rate. Grade: P/NP only. 16 additional hours in the Reading Lab required (one hour per week for 16-week semester sections).
 Prerequisite: Reading N90A.

58319	9:00a-1:15p	Tu Th	Gilreath G	SAC D-309	06/26-08/02
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16 lab hours required. 1.5 hour arranged per scheduled meeting day.

READING 150, CRITICAL READING 3 UNITS
This course addresses the relationship between critical reading and critical thinking, including emphasis on the development of critical reading and thinking skills that facilitate the interpretation, analysis, criticism, and advocacy of ideas encountered in academic reading. Completion of or concurrent enrollment in English 101 recommended.

58313	8:00a-12:35p	M W	Gilreath G	SAC D-309	06/25-08/01
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SIGN LANGUAGE

SIGN LANGUAGE 110, AMERICAN SIGN LANGUAGE I 3 UNITS
This introductory course is designed to introduce students to American Sign Language (ASL) and fingerspelling as it is used within American Deaf culture. Instruction includes preparation for visual/gestural communication followed by intensive work on comprehension skills, modeling of grammatical structures, and general information about American Deaf culture. Sign Language 110 is equivalent to two years of high school ASL.

60362	9:30a-12:40p	M W	Collins M	SAC D-103	06/11-08/01
60359	9:30a-12:40p	Tu Th	Collins M	SAC F-103	06/12-08/02
60364	5:30p-8:40p	Tu Th	Yingst S	SAC A-214	06/12-08/02

SOCIAL SCIENCE

SOCIAL SCIENCE 219, STATISTICS AND PROBABILITY 4 UNITS
Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology. (Same as Mathematics 219.)
 Prerequisite: Mathematics 080/081 or 140 with a grade of C or better or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080/081 or 140.

59779	11:30a-3:05p	M Tu W Th	Everett M	SAC H-108	06/11-07/19
59780	6:00p-9:35p	M Tu W Th	Nguyen D	SAC H-108	06/11-07/19

SOCIOLOGY

SOCIOLOGY 100, INTRODUCTION TO SOCIOLOGY 3 UNITS
The scientific study of human societies and behavior focusing on the process of social interaction, patterns of social inequality, and the influence of social institutions on individuals as members of social groups. Special emphasis provided to explain factors promoting social stability and social change.

58322	TBA		Rogers N	SAC TV	06/11-08/03
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Section 58322 Telecourse plus optional on-campus orientation session: Thursday, 6/14 5-6:00pm, SAC D-106. Go to www.sac.edu/disted for more information.

58320	9:00a-12:10p	Tu Th	Wood S	SAC D-208	06/12-08/02
58323	1:00p-4:10p	M Tu W Th	Govea M	SAC I-104	06/04-06/28
58321	7:00p-10:10p	Tu Th	O'Dell R	SAC D-102	06/12-08/02

SOCIOLOGY 112, RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS 3 UNITS
In-depth examination of the process of developing intimate relationships leading to committed partnerships and marriages with emphasis on effective communication techniques, understanding relationship dynamics, parenting, diverse family systems and overcoming family stressors at each life stage.

58324	TBA		Rogers N	SAC TV	06/11-08/03
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Section 58324 Telecourse plus optional on-campus orientation session: Thursday, 6/14 6-7:00pm, SAC D-106. Go to www.sac.edu/disted for more information.

58325	9:00a-12:10p	M Tu W Th	King Y	SAC I-106	06/04-06/28
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SOCIOLOGY 140, ANALYSIS OF SOCIAL TRENDS AND PROBLEMS 3 UNITS
An extensive survey of contemporary social trends and problems through sociological analysis concentrating on their causes, complexities, consequences, and possible solutions. Special emphasis will be placed on the problems in the U.S., with consideration of the global perspective.

58326	9:00a-2:10p	M Tu W Th F Sa Su	Robnett B	SAC UCI	07/20-07/29
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SPANISH

SPANISH 101, ELEMENTARY SPANISH I 5 UNITS
Practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading and writing techniques for the expression of ideas orally and in writing. Introduction to Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 101 is equivalent to two years of high school Spanish. Sixteen additional hours in the Modern Language Lab required. (One hour per week for 16-week semester sections and two hours per week for 8-week summer sessions).

58328	TBA		Galvan J	SAC HYBRID	06/11-08/03
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6:00p-9:00p W
 SAC D-305

Section 58328 is designed for Spanish speakers. Open to all students. 16 additional hours required in the Modern Language Lab, 2 hours per week. This section requires mandatory on-campus meetings on Wednesdays 6/13, 6/27, 7/11, 7/25, 8/1 from 6:00-9:00pm in D-305. Go to www.sac.edu/disted for more information. Email instructor first week of class (galvan_javier@sac.edu).

58329	8:00a-1:25p	M Tu W Th	Guerrero-Phlaum M	SAC I-202	06/04-06/28
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Section 58329 is designed for Spanish speakers. Open to all students. 16 additional lab hours required in the Modern Language Lab, 1 hour arranged per scheduled meeting day for 4-week course.

58327	4:15p-8:05p	M Tu W Th	Guerrero-Phlaum M	SAC D-305	06/25-08/02
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16 additional lab hours required in the Modern language lab, 45 minutes arranged per scheduled meeting day.

SPANISH 102, ELEMENTARY SPANISH II 5 UNITS
A college level Spanish class focusing on further training in language skills providing avenues for the expression of ideas orally and in writing. Additional study of Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 102 is equivalent to the third year of high school Spanish. Sixteen additional hours in the Modern Language Lab required. (One hour per week for 16-week semester sections and two hours per week for 8-week summer sessions).
 Prerequisite: Spanish 101/101H, or two years of high school Spanish with a grade of C or better.

58330	11:00a-1:35p	M Tu W Th	Lopez-Jaurequi L	SAC D-305	06/11-08/02
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16 additional lab hours required in the Modern Language Lab, 30 minutes arranged per scheduled meeting day.

58331	4:30p-9:55p	M Tu W Th	Lopez-Jaurequi L	SAC D-201	06/04-06/28
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Section 58331 is designed for Spanish speakers. Open to all students. 16 additional lab hours required in the Modern Language Lab, 1 hour arranged per scheduled meeting day.

SPECIAL SERVICES

SPECIAL SERVICES N84, EMPLOYMENT PREPARATION 0.5 - 3 UNITS
A comprehensive course designed to prepare students for the transition between school and employment. Includes identifying appropriate job/career goals, assessing personal strengths, developing skills to obtain employment such as resume writing and interviewing, and utilizing SCAN competencies for employment retention and advancement. Arranged schedule.
 Open Entry / Open Exit

58512	TBA		Waller L	SAC L-225	06/11-08/03
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Section 58512, Employment Preparation is a comprehensive course covering skills necessary for employment success. Areas of study include vocational assessment, identifying appropriate job/career goals, job search strategies, resume preparation, interview skills and employment retention and advancement. Arranged schedule. Open entry/open exit. Variable units 0.5-3.0

SPEECH COMMUNICATION

SPEECH COMMUNICATION 101, INTRODUCTION TO INTERPERSONAL COMMUNICATION 3 UNITS
Introduction to communication theory, listening, perception, language usage, non-verbal communication, and conflict management. Recommended for students who have completed or are currently enrolled in English 101.

58261	TBA		Phu C	SAC HYBRID	06/11-07/20
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9:30a-10:50a W
 SAC A-130

Section 58261 Online instruction plus mandatory on campus meetings: Wednesday, June 13 9:30 - 10:50am A-130; Wednesday July 11 9:30 - 11:30am OR 1:00 - 3:00pm A-130. Go to www.sac.edu/disted for more information. Email instructor first week of class (phu_cindy@sac.edu)

58262	6:00p-10:15p	Tu Th	Moorhead C	SAC C-214	06/12-07/19
58265	6:00p-10:15p	Tu Th	Holder V	SAC C-202	06/12-07/19
58263	6:00p-10:15p	M Tu Th	Fondren S	SAC C-213	06/11-07/05
58264	6:00p-10:20p	M W	Holder V	SAC C-202	06/11-07/18

SPEECH COMMUNICATION 102, PUBLIC SPEAKING 3 UNITS
Teaches critical thinking skills in relation to public speaking. Emphasis on the process, principles, and major facets of critical thinking with practice through oral presentations. Speech Communication 097 recommended for non-native speakers.

58275	8:00a-12:10p	Tu Th	Lockwood L	SAC C-104	06/12-07/19
58290	8:00a-12:20p	M W	Lockwood L	SAC C-207	06/11-07/18
58335	6:00p-10:20p	M W	Moorhead C	SAC C-214	06/11-07/18
58266	6:00p-10:15p	Tu Th	Phu C	SAC A-205	06/12-07/19

SPEECH COMMUNICATION 140, ARGUMENTATION AND DEBATE 3 UNITS
Principles of debate techniques with emphasis on methods of logical analysis and reflective thinking. Completion of or concurrent enrollment in English 101 recommended. Speech Communication 097 recommended for non-native speakers.

58336	6:00p-10:10p	Tu Th	Lockwood L	SAC C-207	06/12-07/19
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SPEECH COMMUNICATION 145, GROUP DYNAMICS 3 UNITS
Principles and methods of communication as applied in the small group setting. Emphasis on communication skills, processes, and operations in the small group. Includes understanding group dynamics and cooperative problem solving. Speech Communication 097 recommended for non-native speakers.

58339	9:00a-1:20p	M W	Moldoveanu M	SAC C-214	06/11-07/18
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STUDY SKILLS

STUDY SKILLS 109, COLLEGE LEARNING SKILLS 3 UNITS
Development of operative college learning skills. Topics include: Time Management, Listening, Notetaking, Textbook Study, Exam Preparation, Memory Techniques, and Critical Reading.

59202	9:00a-12:10p	Tu Th	Sanchez G	SAC F-103	06/12-08/02
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TV/VIDEO COMMUNICATIONS

TV/VIDEO COMMUNICATIONS 009, TELEVISION/VIDEO COMMUNICATIONS LABORATORY 0.5 UNIT

Sign-in/out supervised work on television projects/production assigned in TV/Video Communications classes 110 or above or on independent projects. Completion of new assignments each semester. Accumulation of 24 hours earns 0.5 unit. Requires concurrent enrollment in courses 110 or above.

Open Entry / Open Exit
58450 TBA Bales T DMC-135 06/25-08/03

TV/VIDEO COMMUNICATIONS 010, TELEVISION/VIDEO COMMUNICATIONS ADVANCED LABORATORY 0.5 UNIT

Sign-in/out supervised work on advanced television projects/production assigned in TV/Video Communications classes 110 or above or on independent projects. Completion of new and more advanced assignments each semester. Accumulation of 24 hours earns 0.5 unit. Requires concurrent enrollment in classes Television/Video Communications 110 or higher.

Open Entry / Open Exit
58451 TBA Bales T DMC-135 06/25-08/03

TV/VIDEO COMMUNICATIONS 104, HISTORY OF FILM FROM 1945 TO PRESENT 3 UNITS

A lecture/visual aids course exploring film as an art form and developing appreciation of historical, artistic and technical advances.

58452 9:00a-1:20p M W Bales T SAC A-210 06/25-08/01

TV/VIDEO COMMUNICATIONS 131, BROADCAST NEWS SUMMER WORKSHOP 2 UNITS

Production of segments for cable television news and sports programs. Training in studio production, interviewing, on-camera appearance, and scripting. Prior or concurrent enrollment in Television/Video Communications 110 or 130 recommended.

58453 11:00a-12:20p Tu Th Bales T DMC-135 06/26-08/02
12:30p-2:30p Tu Th Bales T DMC-135

2 hours arranged each class meeting

TV/VIDEO COMMUNICATIONS 298, TV/VIDEO COMMUNICATIONS PRACTICUM/INTERNSHIP 2 - 4 UNITS

Supervised field work in broadcast writing, announcing, journalism, editing or production at professional sites. Skills assessed before placement to match abilities with employer needs. Concurrent enrollment or completion of one TV/Video Communications production class recommended.

Open Entry / Open Exit
58454 TBA Bales T DMC-135 06/25-08/03

THEATRE ARTS

THEATRE ARTS 110, ACTING FUNDAMENTALS 3 UNITS

A study of acting involving the development of acting techniques, styles and disciplines. Provides theory and practical experience with varied characterizations. Emphasizes individual growth and acquired skills necessary to the acting craft.

58455 6:00p-10:20p Tu W Cannon C SAC P-105 06/12-07/18
1.5 hours arranged per class meeting

THEATRE ARTS 111, INTERMEDIATE ACTING 3 UNITS

Further study in the art of acting for the stage, investigating in-depth character study, role portrayal, special problems, and personal technique. Acting skills developed through use of exercises, monologues, and scenes from contemporary theatre.

Prerequisite: Theatre Arts 110.
58616 6:00p-10:20p Tu W Cannon C SAC P-105 06/12-07/18
1.5 hours arranged each class meeting

WELDING

WELDING 020, WELDING LABORATORY 0.5 UNIT

Independent practice for advanced knowledge and skills development in specific areas of welding technology. Students furnish own equipment.

Prerequisite: Concurrent enrollment in any welding course required.
60024 4:00p-5:40p Tu Th Moreno G SAC K-101 06/12-08/02

WELDING 029, ADVANCED ARC WELDING 3 UNITS

Provides advanced manipulative skills and technical knowledge needed to pass a 1" plate guided bend test required for structural steel certification.

Prerequisite: Welding 008, satisfactory completion of proficiency exam in arc welding skills, and concurrent enrollment in Welding 020.

60025 6:00p-9:35p M Tu W Th Moreno G SAC K-101 06/11-08/02

WELDING 040, WELDING CERTIFICATION TRAINING 3 UNITS

This is an advanced course that will provide lecture and hands-on practice in welding in multiple areas of certification using SMAW (shielded metal arc welding) as well as in FCAW (flux cored arc welding). The student will focus on welding in the vertical and overhead position and the preparation of test plates.

Prerequisite: Welding 008, satisfactory completion of proficiency exam in arc welding skills, and concurrent enrollment in Welding 020.

60026 6:00p-9:35p M Tu W Th Moreno G SAC K-101 06/11-08/02

NOTES

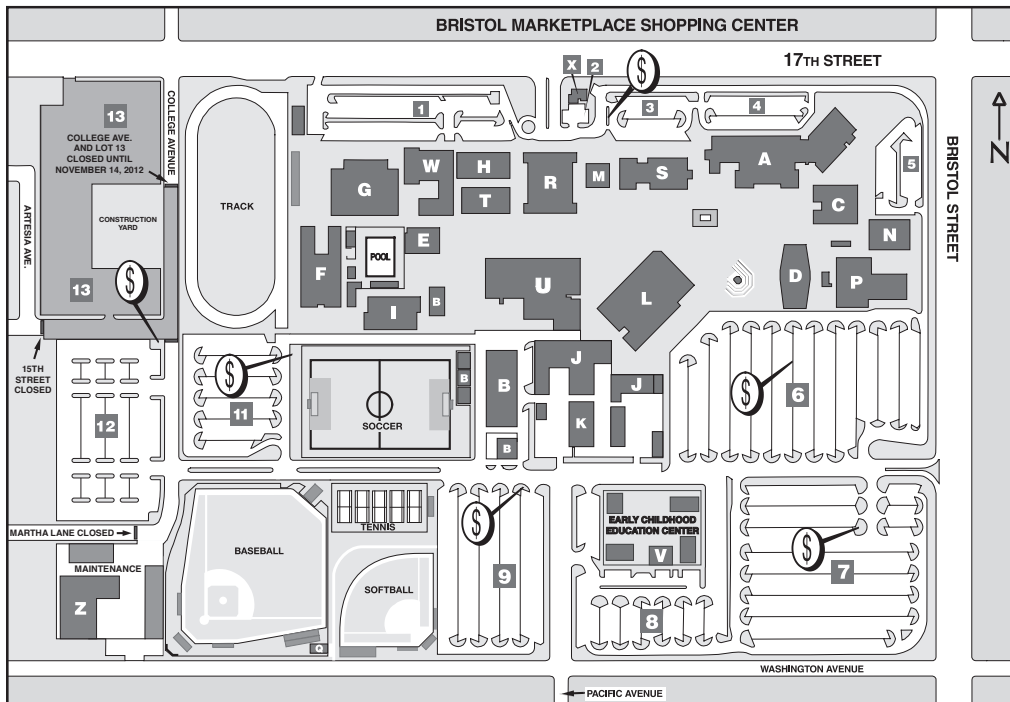
 Online Classes. For more information go to www.sac.edu/disted

 Hybrid Classes. For more information go to www.sac.edu/disted

 Television Classes. For more information go to www.sac.edu/disted

Class location DMC: **Digital Media Center**, 1300 S. Bristol Ave, Santa Ana.

Class location CJTC: **Orange County Sheriff's Regional Training Academy**,
15991 Armstrong Avenue, Tustin.



SANTA ANA COLLEGE

1530 W. 17th Street
Santa Ana, CA 92706
714-564-6000

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SAC Facilities & Locations

- | | |
|--|--|
| A Cesar Chavez Building / Business / Computer | N Music Building |
| B Middle College High School | P Phillips Hall Theatre |
| C Fine Arts / Art Gallery | Q Concession |
| D Dunlap Hall / Amphitheatre (west of building) | R Russell Hall |
| E Fitness Center | S Administration Building / Admissions / Counseling |
| F Locker Rooms | T Technical Arts |
| G Cook Gym | U Johnson Center / Student Business Office / Bookstore / Cafeteria / International Students Program |
| H Hammond Hall | V Early Childhood Education Center |
| I Classroom Building | W Exercise Science |
| J Auto Shop / Quick Center | X Security / Safety |
| K Welding / Auto Diesel | Z Maintenance |
| L Nealley Library | |
| M Planetarium | |

SAC Parking

- 1** Staff Parking
- 2-3** Visitor Parking
- 4-5** Staff Parking
- 6-13** Student Parking (except as posted)
- \$** Permit Dispenser (\$2.00 for 8 hours)

SAC IS TOBACCO-FREE

Use of tobacco-related products is allowed only in parking lots.



A complete list of classes available online: SAC.edu

2012 Santa Ana College Summer Schedule of Classes

AlertU

Be the First to Know! Sign up for SAC's mobile alert emergency notification system.

Text SAC to 253788 (AlertU) and reply Y
Or sign up online at www.alertu.org/sac
Text messages sent only in emergencies
No spam Standard text message rates apply

Class Schedule Subject To Change The Rancho Santiago Community College District has made every reasonable effort to determine that everything stated in this class schedule is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the administration of the Rancho Santiago Community College District for reasons related to student enrollment, level of financial support, or for any other reason, at the discretion of the district.

Class Discontinuation Policy Any class in which there is not a minimum of 20 students enrolled by the beginning of instruction may be discontinued. Any class which does not maintain satisfactory attendance may be discontinued.

Nondiscrimination Policy The Rancho Santiago Community College District complies with all Federal and state rules and regulations and does not discriminate on the basis of ethnic group identification, national origin, religion, age, sex, race, color, ancestry, sexual orientation, or physical or mental disability, or on the basis of these perceived characteristics or based on association with a person or group with one or more of these actual or perceived characteristics. This holds true for all students who are interested in participating in educational programs and/or extracurricular school activities. Harassment of any employee/student with regard ethnic group identification, national origin, religion, age, sex, race, color, ancestry, sexual orientation, or physical or mental disability, or on the basis of these perceived characteristics or based on association with a person or group with one or more of these actual or perceived characteristics is strictly prohibited. Inquiries regarding compliance and/or grievance procedures may be directed to District's Title IX Officer and/or Section 504/ADA Coordinator. RSCCD Title IX Officer and Section 504/ADA Coordinator: John Didion, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.