

Schedule of Classes Santa Ana College **2010** **Fall**

www.sac.edu • Fall Semester starts August 23



Santiago Canyon College
classes on reverse side



Erlinda J. Martinez, Ed.D.

MESSAGE FROM THE PRESIDENT

Dear Students:

Thank you for choosing Santa Ana College. At SAC, we are dedicated to providing you with the programs and services to assist you in achieving your educational and career goals. Our schedules and classes are designed to meet your needs and we have more than 300 subjects leading to the associate degree in science or arts or vocational certificate of competency.

Despite budget constraints, you can be assured of our commitment to students. We believe that community colleges are vital, now more than ever, to educate and train a workforce in this new economy. Our increase in average student load last year attested to the need for higher education services and we are responding by meeting these needs in the most efficient and fiscally conservative manner possible.

We pride ourselves on the accomplishments of our students. The achievements of our alumni can be seen in areas such as business, public service, science and technology. We hope that you enjoy your experience at SAC and that you will be inspired to stay connected to us and help reach future generations of leaders.

SAC is your college. We look forward to providing you with an exceptional educational experience.

See you around campus!

Erlinda J. Martinez, Ed. D.

TABLE OF CONTENTS

CALENDARS	1
HELP	2-3
CLASSES – Weekend, GR8 Weeks, Honors, Online, Television, Freshman Experience, Learning Communities	14-20
ADMISSIONS / REGISTRATION	4-6
FEES / FINANCIAL ASSISTANCE	7, Insert Following Page 85
TESTS	8-9
POLICIES, NOTICES, GRADES	10-11
CLASSES – College Credit	21-56
SERVICES	72-74
ACADEMIC PLANNING	75-80
CONTINUING EDUCATION – Programs & Locations	82-83
MAPS and LOCATIONS	84-85

PARKING

CAMPUS PARKING INFORMATION

RSCCD requires parking permits for student and staff lots at Santa Ana College and Santiago Canyon College. Parking permits may be purchased at time of registration for \$30.00 in Room U-201, Johnson Center at Santa Ana College, as well as in the Cashier's Office at Santiago Canyon College. The purchase of your permit funds parking services and vehicle security when parked on campus.

REFUND OF PARKING FEE

Any student who withdraws from full-semester class(es) through the first two weeks of instruction may request a refund for his/her parking permit. The student is required to return the parking permit in its original condition. No refund will be allowed after the second week of instruction. No refund will be allowed if the parking permit is lost or stolen.

PARKING LOT DISCLAIMER

Rancho Santiago Community College District is not responsible for damages to, loss of, or thefts from vehicles parked on campus, except as defined under the applicable Government Codes of California, including [810-966.6].

CAUTION!

Parking in Bristol Marketplace, across the street from Santa Ana College, is not allowed. Violations will result in tow-aways.

SANTA ANA COLLEGE MISSION STATEMENT

The mission of Santa Ana College is to be a leader and partner in meeting the intellectual, cultural, technological, workforce and economic development needs of our diverse community. Santa Ana College prepares students for transfer, employment, careers and lifelong intellectual pursuits in a dynamic learning environment.

INDEX

Admissions	4	Fees & Tuition	7	Prerequisites	75
Assessment	75	Final Exam Schedule	9	Public Service Institute (PSI)	
Associate Degree Requirements	76-78	General Education Requirements for CSUs	79	Business Seminars	12
Calendars	1	Grades	10-11	Refunds	7
California State University General Education		Help — Where to Find It!	2-3	Registration Information	4-6
Breadth Requirements	79	Información en español	2	Sexual Harassment Policy	10
Certificate Requirements	78	Intersegmental General Education Transfer		Student Activities	81
CLASSES		Curriculum (IGETC)	80	STUDENT SERVICES	72-74
College Credit	23-56	Locations, Campus, Class, and Facility	13,85	Bookstore, Food Service, Library	72
Community Services	72	MAPS		Child Care Services	72
Continuing Education	82-83	District	84	Disabled Students	73
Freshman Experience	20	Santa Ana College	85	E.O.P.S.	73
GR8 Weeks	15	Nondiscrimination Policy	10	Psychological Services	74
Honors	20	Online Registration	6		
Learning Communities II	20	Parking.This Page			
Television	19	Placement Tests	8-9		
Weekend	14	Policies & Notices	10-11		

Santa Ana College

FALL 2010 COLLEGE CREDIT (August 23 – December 12, 2010)

CLASS SCHEDULE

ADMISSIONS HOURS (see page 72 for Registration hours)

Monday – Thursday.....8:00 a – 6:45 p	The college is closed December 20, 2010
Friday.....8:00 a – 4:30 p	through January 2, 2011
Saturday (August 28 only).....8:30 a – 12:30 p	❖ Office hours subject to change

REGISTRATION CALENDAR

July 12 – August 21, 2010.....	Online registration for CONTINUING students
August 5– August 21, 2010.....	New and returning students view your registration appointment online.
August 17 – August 21, 2010.....	CAP (concurrent K–12) students register online
August 23–October 16, 2010.	Registration for late-starting classes continues online

INSTRUCTIONAL CALENDAR

August 23, 2010.....	Instruction begins for Fall classes (full semester) and first GR8 Weeks session
October 18, 2010.....	Second GR8 Weeks classes begin
December 6–12, 2010.....	Final Exams Week

CLASS ADD OR DROP DEADLINES

September 3, 2010.....	Last date to add a class with instructor signature
September 5, 2010.....	Last date to drop a full-semester class and not owe fees Not full-semester courses = 10% of the course – Please refer to the section information via WebAdvisor for a specific section date
September 6, 2010.....	Last date to drop a full-semester class and NOT receive a “W” grade Not full-semester courses = 10% of the course – Please refer to the section information via WebAdvisor for a specific section date
October 22, 2010.....	Last date to add a second GR8 Weeks class with instructor signature
November 14, 2010.....	Last date to drop a full-semester class with a “W” grade Not full-semester courses = 75% of the course – Please refer to the section information via WebAdvisor for a specific section date

ACADEMIC FORM DEADLINES

September 7, 2010.....	Last date to file pass/no pass for first GR8 Weeks classes
September 24, 2010.....	Last date to file pass/no pass for full-semester classes
October 22, 2010.....	Last date to petition for CSU and IGETC
October 22, 2010.....	Last date to petition for December certificates
October 22, 2010.....	Last date to petition for December graduation
November 1, 2010.....	Last date to file pass/no pass for second GR8 Weeks classes

HOLIDAY CALENDAR

(If holiday is a Monday, weekend classes DO meet. If holiday is on a Friday, weekend classes DO NOT meet.)

September 6, 2010.....	Labor Day (Monday)
November 11, 2010.....	Veteran’s Day (Thursday)
November 25–28, 2010.....	Thanksgiving Day (Thursday-Sunday)
December 13 – 31, 2010.....	Holiday Break
January 1, 2011.....	New Year’s Day (Saturday)

WE'RE HERE TO HELP . . .

Answers to your questions about

- Santa Ana College (www.sac.edu)
- Rancho Santiago Community College District (www.rsccd.edu)
- Education and support centers, facilities, programs, services, and more . . .

For answers to questions about Santiago Canyon College, call 714-628-4900.

TO CONTACT OR LEARN ABOUT . . .	ADMINISTRATOR/CONTACT	LOCATION	TELEPHONE
Academic Computing Center	Michael Nguyen	SAC, Cesar Chavez Building, A-106	714-564-6731
Acquired Brain Impairment Program	Renee Miller	SAC, Planetarium, M-105	714-564-6280
ACT Center	Ruth Cossio-Muniz	RSCCD, 2323 N. Broadway, Rm. 315, Santa Ana, CA 92706	714-480-7560
Add or Drop Class	SAC Registration	SAC, Johnson Campus Center, U-201	714-564-6031
Admissions	Mark Liang	SAC, Administration Building, S-101	714-564-6005
American Sign Language	Monica Collins	SAC, Johnson Campus Center, U-107	(TDD 714-564-6284) 714-564-6283
AmeriCorps Foster Youth Mentoring Project		SAC, Johnson Campus Center, U-121A	714-564-6324
Articulation—High Schools/ROPS		SAC, Russell Hall, R-107	714-564-6224
Articulation—Universities	Paula Canzona	SAC, Administration Building, S-107-2	714-564-6088
Assistive Technology Center	Don Dutton	SAC, Johnson Campus Center, U-103	714-564-6260
Athletics	Avie Bridges	SAC, Exercise Science Building, W-102	714-564-6900
Bookstore	SAC Staff	SAC, Johnson Campus Center	714-564-6435
CalWORKs	Teresa Mercado-Cota	SAC, Library Building, L-222	714-564-6150
Career/Job Resource Center	Marisela Godinez/Sandy Morris-Pfyl	SAC, Library Building, L-225	714-564-6254
Cashier's Office	Cashier's Office Staff	SAC, Administration Building, S-104	714-564-6965
Centennial Education Center (CEC)		CEC, 2900 W. Edinger, Santa Ana, CA 92704	714-241-5700
Center of Excellence	Kari Caldwell, Director	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-564-5529
Child Development Services	Executive Director, Dee Tucker	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7546
<i>Santa Ana College</i>	Mary O'Neill	SAC, across street west of campus at 1720 W. 17th St., Santa Ana	714-564-6894
<i>Santa Ana College East Campus</i>	Maria Castellon	1510 N. Parton, Santa Ana	714-564-6952
<i>Centennial Education Center</i>	Veronica MacKenney	CEC, 2900 W. Edinger, Santa Ana	714-241-5739
<i>Early Head Start</i>	Debbie McBee	SAC, across street west of campus at 1720 W. 17th St., Santa Ana	714-564-7544
Clubs/Organizations	Delmis Alvarado	SAC, Johnson Campus Center, U-121A	714-564-6214
Community Relations		RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7505
Community Services	Lithia Williams	SAC, Administration Building, S-201	714-564-6594
Communication Disabilities	Renee Miller	SAC, Planetarium, M-105	714-564-6280
Computer Lab	Michael Nguyen	SAC, Cesar Chavez Building, A-106	714-564-6731
Continuing Education Division			
Centennial Education Center		CEC, 2900 W. Edinger, Santa Ana	714-241-5700
Cooperative Work Experience	Hilda Roberts	SAC, Cesar Chavez Building, A-103	714-564-6750
Counseling	SAC Counseling Center Staff	SAC, Administration Building, S-112	714-564-6100
Criminal Justice Academies	John Finch	OC Sheriff's Regional Training Academy, 15991 Armstrong Ave., Tustin, 92782	714-566-9200
Deaf and Hard of Hearing	Monica Collins	SAC, Johnson Campus Center, U-107	(TDD 714-564-6284) 714-564-6283
Developmentally Delayed Learners	Maria Aguilar	SAC, Russell Hall, R-101	714-564-6295
Digital Media Center	Gustavo Chamorro	DMC, 1300 S. Bristol Street, Santa Ana, CA 92708	714-241-5812
Disabled Student Programs and Services (see page 73)	Jane Mathis	SAC, Johnson Campus Center, U-103	714-564-6260
Distance Education (Online Classes)	Distance Education Office Staff	SAC, Russell Hall, R-105	714-564-6725
DISTRICT OFFICE		RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7300
DISTRICT SAFETY AND SECURITY	Al Chin	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7331
DIVISIONS/DEPARTMENTS			
Business	Hilda Roberts	SAC, Cesar Chavez Building, A-103	714-564-6750
Counseling	Micki Bryant	SAC, Administration Building, S-106	714-564-6078
Exercise Science, Health and Athletics	Avie Bridges	SAC, Physical Education Building, W-102	714-564-6900
Fine & Performing Arts	Sylvia Turner	SAC, Cesar Chavez Building, A-109	714-564-5600
Humanities & Social Sciences	Sharon Whelan	SAC, Dunlap Hall, D-435-2	714-564-6500
Human Services & Technology	Bart Hoffman	SAC, Russell Hall, R-107	714-564-6800
Career Education & Workforce Development	Bart Hoffman	SAC, Russell Hall, R-107	714-564-6800
Science, Math, and Health Sciences	Carol Comeau	SAC, Russell Hall, R-103	714-564-6600
Educational Services	Enrique Perez	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7460

ALTERNATE FORMATS

Upon request, Santa Ana College materials will be available in alternate formats. Please contact DSPS at 714-564-6260.

CLASS SCHEDULE

also available online at www.sac.edu

Prepared each semester, the class schedule includes general information, courses offered, hours, rooms, and instructor names. Schedules are mailed to all district high schools and are available at SAC & SCC Bookstores. Because the schedule is prepared prior to the start of classes, the information published is subject to change. Use the online course availability for the most current information.

Telephone assistance in Spanish

¡Se le puede asistir en español!

Información en español sobre Santa Ana College
714-564-6100

Lunes a jueves de 8:00 a.m. – 8:00 p.m.

Viernes de 8:00 a.m. – 5:00 p.m.

Admisiones / Evaluación/Orientación / Inscripciones / Servicios de consejería

Ayuda financiera / Clases generales / Ciudadanía

Programas académicos y vocacionales / Otros servicios . . .

Información en español acerca de clases de educación para adultos en la página 82.

TO CONTACT OR LEARN ABOUT . . .	ADMINISTRATOR/CONTACT	LOCATION	TELEPHONE
EMERGENCY	SAC District Safety Staff	SAC, Security/Safety Building, X-100	714-564-6333
Emergency Services (<i>Earthquake Preparedness</i>)	Al Chin	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7330
English as a Second Language	Humanities & Social Sciences Division	SAC, Dunlap Hall, D-435	714-564-6500
Environmental Safety/Crime Prevention	Al Chin	RSCCD District Office, 2323 N. Broadway, Santa Ana	714-480-7330
EOPS	Aurora Kamimura	SAC, Johnson Campus Center, U-101	714-564-6232
Facility Reservations	Maria Taylor	SAC, Administration Building S-209-1	714-564-6227
Financial Aid	Robert Manson	SAC, Johnson Campus Center, U-221	714-564-6242
Fire Technology	Ken Soltis	SAC, Cesar Chavez Building, A-113	714-564-6845
Foundation	Christina Romero	SAC, Administration Building, S-217	714-564-6091
Freshman Experience, Learning Communities II	Steve Bautista/Martha Vargas/Todd Huck/Lynn Marecek	SAC, Administration Building, S-110	714-564-6165
Graduation	Christine Gorlato/Gina Wilson	SAC, Administration Building, S-105-1	714-564-6052
Hazardous Materials	Al Chin	RSCCD District Office, 2323 N. Broadway, Santa Ana	714-480-7330
Health Services	Arlene Warco	SAC, Johnson Campus Center, U-120	714-564-6216
Honors Transfer Program	Kathy Patterson	SAC, Dunlap Hall, D-428	714-564-6528
Human Resources	John Didion	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7484
I-20 Form		SAC, B-12	714-564-6047
Information, General	Admissions/Records Staff	SAC, S-101	714-564-6000
International Students	Teresa Mercado-Cota	SAC, U-204C	714-564-6047
Internet access to RSCCD on the World Wide Web		RSCCD: www.rsccd.edu; SAC: www.sac.edu; SCC: www.sccollege.edu	
Learning Center	Jane Mathis	SAC, Johnson Campus Center, U-103	714-564-6260
Learning Disabilities	Mary Kobane/Brooke Choo	SAC, Johnson Campus Center, U-103	714-564-6260
Learning Skills Lab (<i>Centennial Education Center</i>)	Mary Stephens	CEC, D-101	714-241-5768
Library	SAC Library Staff	SAC, Nealley Library	714-564-6700
Lost & Found	SAC District Safety Staff	SAC, Security/Safety Building, X-100	714-564-6330
MESA (Math, Engineering, & Science Achievement)	Yolanda Mugica	SAC, Administration Building, S-107	714-564-6373
Military Evaluation/Veteran's Affairs		SAC, Administration Building, U-221	714-564-6242
Nursing	Becky Miller	SAC, Russell Hall, R-213	714-564-6825
Office of School & Community Partnerships	Lilia Tanakeyowma	SAC, Administration Building, S-214	714-564-6970
Online Classes/Distance Education	Jacque O'Lea	SAC, Russell Hall, R-105	714-564-6725
Outreach	Lilia Tanakeyowma	SAC, Administration Building, S-213	714-564-6141
Parking	James Wooley	SAC, Security/Safety Building, X-100	714-564-6330
Photo ID	Rhonda Langston	SAC, Administration Building, Cashier's Office, S-104	714-564-6965
Physical Disabilities	Maria Aguilar	SAC, Russell Hall, R-101	714-564-6295
Psychological Disabilities	Susana Salgado	SAC, Johnson Campus Center, U-103	714-564-6260
Psychological Services	Phi Loan Le	SAC, Johnson Campus Center, U-120	714-564-6216
Public Relations		SAC, Security/Safety Building, X-101	714-564-6475
Public Service Institute, Business Seminars	Dianne Freeman	DMC, 1300 S. Bristol Street, Santa Ana, CA 92708, DMC-209	714-241-5823
Puente Program	Reina Sanabria	SAC, Administration Building, S-134	714-564-6135
RSCCD District Office		RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7300
Rancho Santiago Community College District Foundation		RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7340
Registration	SAC Registration Area Staff	SAC, Johnson Campus Center, U-202	714-564-6005
Research Department	Nga Pham	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7468
Residency	SAC Admissions/Records Staff	SAC, Administration Building, S-101	714-564-6005
Resource Development Department	Sarah Santoyo	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7463
Santa Ana Civic Leadership Initiative		SAC, Johnson Campus Center, U-121A	714-564-6363
Santa Ana College (SAC)		SAC, 1530 W. 17th Street, Santa Ana, CA 92706	714-564-6000
Scholarships	Stephanie Adams	SAC, Administration Building, S-204	714-564-6478
Security	James Wooley	SAC, Security/Safety Building, X-100	714-564-6330
Service Learning Center	Teresa Mercado-Cota	SAC, Johnson Campus Center, U-204 A/B	714-564-6362
Small Business Development Center, Orange County	Leila Mozaffari	RSCCD, 2323 N. Broadway, Rm. 201, Santa Ana, CA 92706	714-564-5200
Spanish Language Telephone Assistance		SAC	714-564-6100
Speech Language Pathology Assistant Program	Monica Porter	SAC, Library Building, L-222-3	714-564-6668
Student Activities		SAC, Johnson Campus Center, U-121A	714-564-6210
Student Affairs	Lilia Tanakeyowma	SAC, Administration Building, S-214	714-564-6970
Student Business Office	Rhonda Langston	SAC, Johnson Campus Center, U-218	714-564-6430
(Office of) Student Life		SAC, Johnson Campus Center, U-121A	714-564-6211
Student Government		SAC, Johnson Campus Center, U-121A	714-564-6214
Student Leadership Institute		SAC, Johnson Campus Center, U-121A	714-564-6330
Student Placement	Janet Grunbaum	SAC, Johnson Campus Center, U-222	714-564-6201
Student Support Services Program (TRIO)	Romelia Madrigal	SAC, Library Building, L-222	714-564-6843
Student Transition Program	Luis Dorado	CEC, 2900 W. Edinger, Santa Ana, CA 92704	714-241-5710
Success Center	Kathleen Simmons	SAC, Library Building, L-206	714-564-5420
Talent Search (TRIO)	Marco Ramirez	SAC, Library Building, L-220-S	714-564-6182
Teacher Education Center	Steve Bautista	SAC, Administration Building, S-110	714-564-6352
Tech Prep	John Kalko	SAC, Russell Hall, R-320	714-564-6629
Television/TV Class Information	Distance Education Office Staff	SAC, Russell Hall, R-105	714-564-6725
Testing Information	Beverly Birnbaum	SAC, Library Building, L-221	714-564-6148
Transcripts	SAC Admissions/Records Staff	SAC, Administration Building, S-101	714-564-6461
Transfer Center	Martha Vargas	SAC, Administration Building, S-110	714-564-6165
Tutorial Center	Pat Conner	SAC, Johnson Campus Center, U-202	714-564-6260
U-Link	Rochelle Zook	SAC, Administration Building, S-133	714-564-6416
Upward Bound (TRIO)	Romelia Madrigal	SAC, Library Building, L-222	714-564-6843
Veterans Affairs		SAC, Johnson Campus Center, U-221	714-564-6242
Women's Programs/Services		SAC, Administration Building, S-122	714-564-6175
Workability	Sandy Morris-Pfyl	SAC, Library Building, L-220	714-564-6255
Workplace Learning Resource Center	Ruth Cossio-Muniz	RSCCD, 2323 N. Broadway, Rm. 328, Santa Ana, CA 92706	714-564-5521

VISIT OUR WEBSITES

SANTA ANA COLLEGE – www.sac.edu SANTIAGO CANYON COLLEGE – www.sccollege.edu RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT – www.rsccd.edu

IF YOU CAN'T FIND WHAT YOU NEED IN THE LIST ABOVE, PLEASE CALL 714-564-6000 (SAC) OR 714-628-4900 (SCC).

ADMISSIONS / REGISTRATION

STEP 1: APPLICATION

ADMISSIONS

- **Continuing Students**
Continuing students who actively attended Spring 2010 may complete registration by computer.
- **New Students and Former (Returning) Students**
Students enrolling for the first time or who are returning after **not** attending Spring 2010 must complete an Admission application **by applying online at www.sac.edu**.
- **Registration appointments for new students are processed on a first-come, first-serve basis at the time of application.**

WHO MAY ATTEND

- **High school graduates** or persons at least 18 years of age who may profit from instruction.
- High school students in **Career Advanced Placement Program (CAP)**
The CAP program is designed for high school students. A significant portion of the Santa Ana College curriculum is available to supplement programs of high school students recommended by their principals. Contact the Admissions office for details.
NOTE: CAP students must bring the CAP form signed by the high school principal, parent/guardian and the appropriate Santa Ana College Division Dean. Due to a new state law, CAP students who wish to take classes at a community college must be assigned low enrollment priority so as not to displace regularly admitted students.
- **International Students**
International students are eligible for admission under a student visa (F-1). Apply through the International Student Office, Santa Ana College, for forms and instructions. Deadlines are June 1 for the Fall semester and December 1 for Spring.

STEP 2: REGISTRATION

CONTINUING STUDENT

You are a continuing student if you were enrolled in college credit classes at SAC during the Spring 2010 semester.

EARLY REGISTRATION FOR CONTINUING STUDENTS:

- **Online registration (see page 6) is available for continuing students. Priority is based on units completed at the end of Spring 2010 at SAC & SCC only.**
- Use any computer to enroll.
- Continuing students who do not meet the early registration deadline may register online until the Saturday before the semester begins.

REGISTRATION (continued)

TRANSFER STUDENT

INFORMATION FOR NEW STUDENTS FROM OTHER COLLEGES

If you have attended another college, especially another community college, you must:

- Bring a copy of your official transcript to Counseling and meet with a counselor. If you completed a prerequisite outside of SAC or SCC, you will be restricted from online registration for some classes. You must obtain a CLASS WAIVER from SAC Counseling before you register.
- Bring any official copies of placement test results in English, reading, and/or math to the Counseling/Testing Center to determine whether it is advisable to complete additional placement testing at Santa Ana College. Placement test information from other colleges must include: your name, name of the test(s), the raw score(s), and test date(s). Test scores for English are valid for two years. Test scores for Math are valid for one year.
- Make an appointment to see a counselor by calling the Santa Ana College Counseling Center at 714-564-6100.

NEW STUDENT

You are a new student if you have never enrolled in college credit classes at SAC OR SCC. File an application online, www.sac.edu.

MATRICULATION INFORMATION FOR NEW STUDENTS

- The matriculation program consists of a program of assessment, orientation, and academic advisement for students who plan to do any of the following:
 - accumulate 15 units or more,
 - enroll in an English or Math course,
 - work toward an Associate degree, occupational certificate, transfer program to a four-year university, or new career.
- Students with bachelor's degrees or higher are exempt from matriculation.
- Students who are unsure whether they should complete the matriculation program should contact the Counseling Department at Santa Ana College, 714-564-6100 or go online to www.sac.edu/online_counseling.

NEW STUDENT REGISTRATION

- New students receive appointments to register on a first-come, first-serve basis. All new students to SAC are encouraged to complete matriculation services (testing, orientation, and advisement).
- To complete placement testing (assessment), you must first complete an Admission application online at www.sac.edu.
- Upon completing testing, students will be given an appointment to attend an orientation and advisement session with a counselor. Students will receive their test results and their appointment to register after completing orientation and advisement. New and/or returning students can view their registration date online. Please refer to page 8 for further testing information.

... REGISTRATION ...

REGISTRATION (continued)

REGISTRATION BY APPOINTMENT

FORMER STUDENTS AND OTHER NEW STUDENTS

- You may apply and enroll online – www.sac.edu
- Registration appointments are issued on a first-come, first-serve basis. Students can view their registration date online via Web Advisor.

LATE REGISTRATION and ADD PERIOD (Aug. 23 to Sept. 3)

- **Instructor signature is required on all adds after the semester begins.**
- ADD forms to petition the instructor are available in the Admissions/Records Office. After completion, submit forms to the Registration Area in U-201 with enrollment fee payment, if required, for each class added.
- Use the computer to drop classes through the established drop date (75% of the way through a class). To avoid fees, drop by September 5, 2010 for full-term classes, and 10% of the class for other non full-term classes.
- **No add cards with instructor signatures will be accepted after September 3, 2010 for full-term classes.**

To Avoid Fees, drop online July 12 – September 5

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 signature to add the course (Log in to Online Records often to check your status on the waitlist). Submit your Add Card to the Admissions Office and pay immediately.

Instructor signature is required for all petitioned adds.

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 waivers are available. Forms can be obtained at the Financial Aid Office

LOCATIONS & TIMES FOR REGISTRATION BEGINNING AUGUST 23, 2010.

Prior to 8/23/10, please go to Admissions in S-101 for assistance.

Call 714-564-6005 if you have questions.

Santa Ana College

Johnson Center,
Room U-201

Monday–Thursday, 10am–6:30pm

Friday, 10am–3:30pm

STUDENT RESPONSIBILITY TO DROP CLASSES AFTER SEMESTER BEGINS

Students who have enrolled and paid for classes and decide not to attend must drop classes before Sunday, September 5, to avoid fee charges. Classes dropped after that date will appear on the student record with a "W" grade. **You will not be automatically dropped from your classes after the semester begins. You may drop classes online.** After the second week, you will incur a financial obligation to the college and an administrative hold will be placed on your student record until fees are paid. (Any unpaid fees as a result of a dishonored check or other outstanding debt will be handled in the same manner.)

- You may drop classes online.
- Drop classes via WebAdvisor by MONDAY, SEPTEMBER 6 to avoid Academic Hold and "W" grade!
- **Even if you do not attend the class, after the semester begins, you owe the fees unless you drop the class before Sunday, September 5!**

ONLINE REGISTRATION & RECORDS

Check the college website at www.sac.edu for:

- **Online registration**
- **Online counseling**
- **Open classes (course availability)**
- **View your class schedule**
- **Grades from previous semester**
- **Admissions and Registration information**
- **Print or view unofficial transcripts**
- **Request official transcripts online**
- **Account summary**
- **Change your password or update your email address, major, or educational goal**
- **Add or drop classes**
- **Pay fees online immediately**

More Registration Information . . .

ONLINE REGISTRATION



FALL 2010 REGISTRATION

is available for continuing students enrolled at SAC during Spring 2010. The priority system for online registration is based on units earned at SAC/SCC only.

Follow instructions and steps on this page to register online, and check page 4 for other helpful and important registration information.

Online Counseling Now Available!
www.sac.edu/online_counseling

WebAdvisor REGISTRATION STEP-BY-STEP

1	Go to www.sac.edu and click on Online Records
2	Click on the Term from the Main Menu
3	From the Student Menu, click on the Log In tab at the top
4	Log in with your user id and password
5	Click on Students
6	Click on the Search for Sections to Register link (also click on address change to update your email account)
7	From the Search/Register for Sections page: a. Select a Term b. Select a Location c. Choose your subjects d. Click on the Submit button
8	From the Section Selection Results page: a. Select all of the sections that you are interested in by checking the boxes on the Select column b. Click on the Submit button
9	Your selected sections are now shown on the Registration Worksheet page: a. In the Action column, choose Register for the sections that you wish to enroll in
10	Click on the Submit button After you click Submit , you will be officially registered
11	Pay fees within 3 calendar days to avoid being dropped from your courses
12	You can view your results on the Registration Results page
13	Log out

FEES AND REFUNDS

STUDENT FEES

ENROLLMENT FEE

The Enrollment Fee is \$26.00 per unit, with no maximum. Payment is required of all students upon registering for classes. This fee is subject to change.

NON-RESIDENT TUITION

Non-resident Tuition: \$200.00 per unit in addition to the per enrollment fee for out of state residents and a foreign country residents. Refer residency questions to the Admissions office..

HEALTH FEE

A health fee of \$17.00 per semester (\$14.00 for summer and intersession) is charged to all students whether or not they choose to use health services.

Health Fee Exemptions (Education Code 76355)

1. Any student who depends exclusively upon prayer for healing in accordance with the teachings of a bona fide religious sect, denomination, or organization, provided that the student presents documentary evidence of an affiliation with such a bona fide religious sect, denomination, or organization.

2. Any student enrolled in an approved Apprenticeship Program. A request for an exemption may be filed at the Admissions & Records Office.

STUDENT SERVICE FEE

A Student Service Fee of \$7.50 is payable at registration for classes at SAC. The fee includes: 1) \$2.50 for photo ID used for library, student and instructional services; and 2) \$5.00 for college activities. Photo ID and semester validation available at registration or the Cashier's Office, room S-104 at Santa Ana College. Payment of this fee is optional. See page 81 for a list of fee benefits.

PARKING FEE

Parking Permits are \$20.00 for fee waiver students and \$30.00 for regular students. All Mandatory fees must be paid in order to purchase parking. A permit is required to park on campus at SAC and SCC only. Only one permit is necessary for students who attend both colleges. Motorcycles are exempt in designated parking areas.

MATERIALS FEE

A Materials Fee may be required for a course. Check class listings in this publication for specific fees.

ESTIMATED COST

ENROLLMENT FEE			
\$26	x	_____	= _____
		units	
NON-RESIDENT TUITION			
\$200	x	_____	= _____
		units	
HEALTH FEE (\$17 for SAC & SCC campus classes)			= _____
STUDENT SERVICE FEE (OPTIONAL) (\$7.50 for SAC or SCC campus classes)			= _____
PARKING PERMIT (OPTIONAL \$30 fee)			= _____
MATERIALS FEES			= _____
TOTAL			= _____

REFUNDS

Refunds (excluding non-resident tuition) will be issued in the following manner: credit card payments will be returned as a credit to the initiating card and check refunds for cash and check payments. Refunds on check payments will be processed after a 14 day clearing period.

Refund of Enrollment, Health, Parking, and Student Service Fees

Students who withdraw from full semester classes by Sunday, September 5, or by 10% of a course less than a semester in length, may request a 100% refund.

Refunds for eligible students should be requested through the Cashier's Office by phone 714-564-6965 or in person S-104.

REFUND OF Non-Resident Tuition

Students who withdraw from full-semester classes by Sunday, September 5, may request a 100% refund. Students withdrawing after that date are not eligible for a refund.

Refunds for Non-Resident and International Students may be requested in person by visiting the Cashier's Office at Santa Ana College.

Refunds will be issued in the following manner: credit refund to card for all credit card payments, cash and check payments will be refunded by check after a five to six week waiting period.

NOTICE

DISHONORED CHECKS

A \$25.00 fee will be charged for a check returned for any reason. In addition, an administrative hold will be placed against your student records and a class stop may be issued. Payment for dishonored checks may be made by cash, cashier's check or money order only at the Cashier's Office at SAC, room S-104, or the Cashier's Office at SCC.

Fees are due immediately upon registration.

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.

FINANCIAL ASSISTANCE INFORMATION & FEE WAIVER FORM ARE LOCATED BETWEEN THE SAC SECTION AND THE SCC SECTIONS OF THIS BOOK

FEE PAYMENT OPTIONS

Payment by check, Visa, Mastercard, or Discover Card are accepted for payment by mail, by drop box, or in person. Questions? Call 714-564-6965.



1. ONLINE

- Payment by credit card via the college website.
- **Santa Ana College:** www.sac.edu



2. BY MAIL

Send to: Santa Ana College Cashier's Office, 1530 W. 17th Street, Santa Ana, CA 92706.



3. IN PERSON

Santa Ana College: Fee payments are made in the Cashier's Office in room S-104.

TESTS – PLACEMENT

PLACEMENT TESTING

WHAT is testing?

Placement tests are important for determining the appropriate level of courses you should take in English, Reading, and Math.

WHO should complete testing?

Placement tests are required in these academic areas for any student who: plans to complete an Associate degree, certificate, or transfer to a four-year university; is formulating career interests, plans or goals, is preparing for a new career or is undecided about educational goals.

We also request that all students who would like help from a counselor in selecting classes complete placement testing. This will enable us to counsel you as to the appropriate classes to take to enable you to reach your educational goals.

TYPES of placement tests that you might take

For English there are two tests. The **College Test of English Placement (CTEP)** is for students who have studied English and/or ESL (English as a Second Language) in school for at least seven years or who use English frequently on a daily basis. The other test, the **Test of English Language Development (TELD)** is for students who have not studied English and/or ESL in school for at least seven years or who do not use English frequently on a daily basis. Students who take the **TELD** will be referred to ESL/EMLS classes. It is very important that you select the correct test to take, as students who take the wrong test may be placed in a class that is not right for them. By the time you and the teacher realize that you are in the wrong class, it may be too late to register for the appropriate class. If you are not certain which test would be best for you to take, please consult a SAC counselor.

The **College Test of English Placement, Reading Comprehension** is used to determine reading level.

The **Math Diagnostic Testing Project (MDTP)** has four levels. Choose the level you feel you are best prepared for. Sample questions for each test are available at the Testing Center and in the Math Study Center.

Sample tests may be viewed on the Testing Center web site www.sac.edu/students/admissions/placement_testing/.

WHAT if I already tested?

Your test scores in **English** are valid for **two years**. If you tested more than two years ago and have not taken an English or ESL class at SAC or SCC you must test again. If you wish to retest you will be required to wait one year.

Reading scores will remain valid indefinitely. If you wish a retest you will be required to wait one year.

Your tests for **Math** are good for **one year**. If you tested more than one year ago and you have not taken a math class at SAC or SCC you must retest. You may take a different level math test at any time. You may not take the same test more than once in any semester.

Continuing students who need to retest should schedule an appointment during priority testing. You may not retest if you have taken the CTEP

(English and Reading) test within the last year, the TELD (ESL) within the last two years, or the Math test within the last six months for the same math level.

WHAT if I tested at another college?

If you tested within the last two years in English, last year in math, or anytime in reading, bring copies of placement test results in English, reading, and/or math, as well as course recommendations, to the Testing

Center at Santa Ana College, as soon as possible to determine whether it is necessary to complete testing at SAC or whether your eligibility can be verified and you can be cleared for registration.

Placement test information from other colleges must include: your name, name of the test(s), the raw score(s), and test date(s) as well as course recommendations. ESL test scores from other institutions are not accepted. In addition, ESL students who have completed ESL credit courses at other colleges, and are still in need of additional ESL or EMLS instruction, must also take the placement test at SAC. This is done so that we can determine which of our courses best meet your needs.

If your tests scores are over two years old in English, or one year old in math or if you are applying for a special program which requires testing at SAC, you will need to retest.

HOW do I complete testing?

1. New students must first apply to the college.
2. Students who apply early will be referred to the Testing Center to schedule a testing appointment. Paper and pencil testing appointments are scheduled for CTEP, Math, and TELD tests. **Computer based CTEP and Math tests are available on a walk-in basis at Santa Ana College.** Priority testing is conducted in the Testing Center, L-221. Call 714-564-6147 for an appointment.
3. Continuing students who have not tested or who need to retest should complete testing during priority testing.
4. Regular testing for the Fall semester begins July 20, 2010. You may schedule a regular testing appointment online at www.sac.edu/students/admissions/placement_testing/ or by calling the Testing Center at 714-564-6147.
5. After you complete testing, you will be directed to attend orientation and advisement with a counselor where you will receive your test results and other information about college requirements, courses, and programs. You may register upon completing testing, orientations and advisement.

WHY should I do this?

1. By completing testing, orientation, and advisement we will be able to assist you in planning a course of study based on your academic abilities and interest.
2. The California Community Colleges have adopted this matriculation effort as a statewide requirement.
3. If there are other circumstances that should be considered in recommending your enrollment into certain courses, please contact the Counseling Center at 714-564-6100 or the Disabled Student Services Program, 714-564-6295.

WHAT if I still have questions?

If you still have questions about which test to take or about the placement testing process, please contact the Testing Center at 714-564-6147 or come to the Testing Center located on the second floor of the Library Building (L-221).

RIGHT TO APPEAL

Students who feel that they have been treated in a discriminatory manner, or would like to appeal their recommended placement level may file a complaint about any aspect of the college's matriculation program with the matriculation coordinator. Call 714-564-6078.

MORE TEST INFORMATION AND TESTING SCHEDULES . . .

TESTS – PLACEMENT & FINAL EXAMINATIONS

SANTA ANA COLLEGE FALL 2010

PLACEMENT TESTING SCHEDULE

- **ELIGIBILITY FOR TESTING:** 1) Must have submitted a completed application to the college, 2) Have not taken the CTEP (English and Reading) test within one year, 3) The TELD (ESL) test within two years or 3) The Math test within 6 months for same math level
- Please arrive 30 minutes early.
- Orientation and advisement including test results follow testing. An appointment will be scheduled for you when you complete testing.
- Picture I.D. is required.
- All students must have a testing appointment. To schedule an appointment for the following dates listed below you may go to www.sac.edu/students/admissions/placement_testing/ or call the Testing Center , 714-564-6147.
- All tests will be given in the Testing Center, L-221.

DATE	CTEP (Eng/Read) – Rm L-221	MATH – Rm L-221	TELD (ESL) – Room L-221	MATH – Rm L-221
Tuesday, July 20	9:00 am	10:30 am		
Wednesday, July 21	9:00 am	10:30 am		
Thursday, July 22			9:00 am	10:30 am
Monday, July 26	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, July 27	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, July 28			9:00 am & 6:00 pm	10:30 am & 7:30 pm
Thursday, July 29	9:00 am	10:30 am		
Monday, August 2	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 3	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, August 4			9:00 am & 6:00 pm	10:30 am & 7:30 pm
Thursday, August 5	9:00 am	10:30 am		
Monday, August 9	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 10	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, August 11			9:00 am & 6:00 pm	10:30 am & 7:30 pm
Thursday, August 12	9:00 am	10:30 am		
Monday, August 16	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 17	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, August 18			9:00 am & 6:00 pm	10:30 am & 7:30 pm

During the regular semester paper and pencil CTEP and TELD tests will be rotated every Monday and Tuesday at either 9:00 am or 6:00 pm.
A computer based CTEP and Math test is available on a walk-in basis.

CHEMISTRY 219 ADMISSIONS TEST

The Chemistry 219 Admissions Test takes 45 minutes. Students do not need an appointment. **Picture identification is required.** All tests will be held at the **Testing Center**, Room L-221 on the second floor of the library building on the Santa Ana Campus. The test will be given on the first Thursday of each month when school is in session, and on August 5 and 19, 2010 at 1:00 pm and 5:00 pm.

ABILITY TO BENEFIT

Testing is offered the first and third Tuesday of the month at 9:30 am during the regular semester by appointment only.

COMPUTER-BASED TESTING

If you plan to enroll in English, Reading, or Math next semester you should test NOW! Computer-based testing is offered whenever paper/pencil tests are not scheduled. You do not need an appointment, however, you should call to check when walk-in times are offered.

SANTA ANA COLLEGE FALL 2010 FINAL EXAMINATION SCHEDULE

Final exams will be given during the last week of the semester during regular scheduled class hours. The last day of instruction is Sunday, December 12. Final exams may be given during one class session or a combination of class sessions, as designated by the instructor; check with individual instructors for exact date.

SEMESTER GRADES ARE DUE IN THE ADMISSIONS OFFICE ON THURSDAY, DECEMBER 16, 2010.

POLICIES, NOTICES, & GRADES

DISABLED STUDENTS POLICY

The District will make reasonable accommodations for individuals with disabilities. For special assistance with programs and services, contact the Associate Dean of Disabled Students Programs and Services at 714-564-6264. See page 73 of this schedule for more information.

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 race, color, national origin, gender or disability. 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 to race, color, national origin, gender or disability 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

POLÍTICA NO DISCRIMINATORIA

El Distrito Colegial Comunitario Rancho Santiago cumple con los reglamentos y leyes federales y estatales y no discrimina en base a raza, color, descendencia nacional, sexo o discapacidad. Esto también se aplica a todos los estudiantes que están interesados en participar en los programas educativos y/o en actividades escolares que sean extracurricular. El hostigamiento en contra de cualquier empleado/estudiante con respecto a su raza, color, descendencia nacional, sexo o discapacidad está estrictamente prohibido. Las preguntas sobre el cumplimiento de estas leyes o del proceso de quejas pueden ser dirigidas al Oficial del Distrito a cargo del cumplimiento del Título IX y al Coordinador de la Sección 504/ADA. Rancho Santiago Community College District, Title IX Officer and Section 504/ADA Coordinator, John Didion, 2323 North Broadway, Santa Ana, CA 92706, 714-480-7489

CHÍNH SÁCH KHÔNG KỶ THỊ

Đại Học Cộng Đồng Rancho Santiago muốn tạo cơ hội cho sinh viên theo đuổi sự hoàn thiện qua những chương trình giáo dục và phục vụ dành cho cư dân trong khu học chánh của mình. Mục đích của các chương trình và dịch vụ này nhằm nâng cao phẩm chất đời sống con người bằng cách tạo điều kiện cho mọi người được theo học đại học bất kể sắc dân, chủng tộc, phái tính, tuổi tác, tật nguyền, đồng tính luyến ái, quá trình học vấn, hoặc những lý do bất hợp lý khác để kỳ thi. Giới hạn về khả năng Anh ngữ cũng không cản trở việc được tham dự các chương trình học vấn và huấn nghệ của trường. Học Khu tuân hành mọi luật lệ của tiểu bang và liên bang và sẽ không kỳ thị sắc dân, màu da, chủng tộc, phái tính hoặc tật nguyền. Điều này áp dụng cho tất cả mọi nhân viên và các cơ hội trong học khu. Tuyệt đối cấm mọi quấy nhiễu về sắc dân, màu da, chủng tộc, phái tính hoặc tật nguyền nhằm vào nhân viên hay sinh viên của học khu. Mọi thắc mắc và khiếu nại về việc thi hành điều khoản này xin chuyển lên viên chức văn phòng Title IX hoặc điều hành viên Section 504/ADA. Viên chức Title IX và điều hành viên Section 504/ADA: Ông John Didion, 2323 N. Broadway, Santa Ana, (714) 480-7489.

OFF-CAMPUS FIELD TRIPS POLICY

Throughout the semester/school year, the District may sponsor voluntary off-campus extracurricular field trips/excursions. If you choose to participate, be advised that pursuant to California Code of Regulations, Subchapter 5, Section 55450, you have agreed to hold the District, its officers, agents and employees harmless from any and all liability or claims which may arise out of or in connection with your participation in the activity.

REGISTERED SEX OFFENDER INFORMATION

Information concerning registered sex offenders can be obtained from: the Santa Ana Police Department, 3rd Floor Lobby, 60 Civic Center Plaza, Santa Ana, on Mondays through Fridays, from 9am to 12pm and from 1-4pm; and from the Orange Police Department, Youth Services Bureau (Rene Nicholson), 1107 North Batavia Street, Orange by calling 714-744-7311 for an appointment.

Sex offenders are required to register with the police in the jurisdiction in which they reside and at institutions of higher learning if they are students there or if they work there as employees, contractors, or volunteers. Sex offenders who may be required to register should do so at the Santa Ana Police Department if attending Santa Ana College or at the Orange Police Department if attending Santiago Canyon College.

SEXUAL HARASSMENT POLICY

It is the policy of the Rancho Santiago Community College District to provide an educational, employment and business environment free of unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct or communications constituting sexual harassment, as defined and otherwise prohibited by State and Federal law. The Rancho Santiago Community College District forbids any form of sexual harassment. Prompt disciplinary action will be taken against any student or employee engaging in sexual harassment. If you feel that you have been the victim of sexual harassment please contact the Human Resources Dept. at 714-480-7489, or the Associate Dean of Student Development at Santa Ana College at 714-564-6211.

STUDENT CODE OF CONDUCT

Students enrolled in Santa Ana College instructional programs assume an obligation to obey state law (California Education Code, California Administrative Code, Title V), district rules (policies of the Board of Trustees), and all civil and criminal codes governing the conduct of students. Please see the current SAC Catalog for specific guidelines for student conduct.

SANTA ANA COLLEGE IS A DRUG AND ALCOHOL FREE ENVIRONMENT

Assistance for substance abuse may be obtained from one of the following sources:

- SAC and SCC Student Health Centers, for confidential counseling and referral to local agencies
- Alcoholics anonymous
- National Drug Hotline 1-800-662-HELP
- Al-Anon / Alateen Family Group Headquarters 1-800-356-9996
- Narc-anon Family Group Headquarters 310-547-5800

Violators may be subject to disciplinary action which could include suspension, expulsion or arrest

TRANSPORTATION POLICY

Some classes may be conducted off campus. Unless you are specifically advised otherwise, you are responsible for arranging your own transportation to and from the class site. Although the District may assist in coordinating the transportation and/or recommend travel times, be advised that the District assumes no liability or responsibility for the transportation, and any person driving a personal vehicle is **NOT** an agent of the District.

COLLEGE-CREDIT PROGRAMS

The Rancho Santiago Community College District offers major college-credit programs in Santa Ana and Orange. Classes offered at Santa Ana College are identified as "SAC." Santiago Canyon College classes are identified with "SCC." Please refer to the list of RSCCD facilities for specific class locations at other sites.

COURSE ARRANGED HOURS

Students are obligated to carry out hours by arrangement in designated facilities, which are normally available from 8:00 a.m. to 10:00 p.m., Monday through Thursday, and from 8:00 a.m. to NOON on Fridays.

COURSE OPEN ENROLLMENT

Unless specifically exempted by statute, every course wherever offered and maintained by the District is fully open to enrollment and participation by any person who has been admitted to the college and meets the course prerequisites established in accordance with Title V.

COURSE REPETITION

WHEN MAY COURSES BE REPEATED?

SUBSTANDARD WORK

A student who earns a D, F or NP grade may repeat the course up to two times to improve the grade of the substandard work. Once the grade of D, F or NP has been recorded, subsequent withdrawals (notations of W) will not count toward the two allowable repeats. A student who has withdrawn from the same course (grade of W) two times must receive approval from the counselor before registering a third time.

REPEATABLE COURSES

When a class is identified as repeatable in the Class Schedule, that course may not be repeated more than three times regardless of the grades received. No portion of the class may be repeated to improve a student's grade point average.

VARIABLE UNIT COURSES

When a course is designated as repeatable and is also variable unit, the number of repeats dictates how many times the course may be enrolled in for credit. A variable unit course which is not designated as repeatable may be registered for until the maximum number of units has been attempted. No portion of the class may be repeated to improve your grade point average.

OTHER REPETITIONS – A & G PETITION PROCESS

Any repetition of a class beyond the specified limits previously specified must be petitioned in the Admissions Office. Criteria that can be considered is a significant lapse of time (usually 2 years or more) since the student previously completed the course, or in the event of documental extenuating circumstances (accident, illness, injury, or other circumstance beyond the control of the student).

WITHDRAWAL POLICY

While an instructor may drop a student, it is the student's responsibility to officially withdraw from a class in which they stop attending.

For a semester length course, students must drop by Monday, September 6 to not receive a "W" grade and not be responsible for registration fees. **Any student who is officially enrolled in a semester length class beyond September 6, 2010 is financially responsible for all registration fees associated with that enrollment, even if the student does not attend the class.** Time periods for short term classes are different. Please check with the Admissions Office for deadlines.

Students may drop and receive a "W" grade between September 7 and November 14, 2010. Student enrolled in classes that are less than semester length, must withdraw before the 75% point of the class. Neither the student or instructor may initiate a withdrawal after the deadline, and students officially enrolled in a class beyond the drop deadline must receive a grade other than "W."

FAMILY RIGHTS AND PRIVACY ACT

As required under the provisions of the Family Rights and Privacy Act of 1974, Santa Ana College will make public without student consent only certain directory information. This information consists of the following:

- student's name, city of residence, major field of study;
- participation in officially recognized activities and sports;
- weight, height, and age if a member of an athletic team;
- dates of attendance, degree and awards received;
- the most recent previous educational institution or agency attended by the student.

A student may request the Admissions and Records Office to withhold this information. Such request can be in writing and submitted each semester, or the student may do this privacy block in person. Bring a photo ID!

PASS/NO PASS

Pass/No Pass petitions for full semester classes must be received in the Admissions Office by September 24, 2010. **Pass/No Pass petitions for classes less than a semester in length must be submitted before 30% of the class expires. Pass/No Pass courses may NOT be taken in the student's major field and a maximum of 12 units of pass/no pass are allowed toward a degree program.** Pass/no pass does not include credit by examination. Deadlines for P/NP forms are final! **Pass/No Pass status cannot be changed back to a letter grade.** A&G petitions will not be approved.

TRANSCRIPTS

Official Transcripts of previous high school and college work should be filed with the Admissions Office by students pursuing a degree.

TEST SCORES

If enrolling in English, Reading, and/or Math, bring official copies of placement test results from other colleges to the Testing Center (L-225) at Santa Ana College. They will determine if it is advisable to complete additional placement testing at SAC. Placement test information from other colleges must include: your name, name of the test(s), the raw score(s), and test date(s). Test scores in English or ESL are valid for two years. **If you tested more than two years ago for English/ESL, you may need to retest.** ESL test scores from other institutions are not accepted. Math test scores are valid for one year only.

FIRST CLASS MEETING

Make sure you attend the first class meeting!

Attendance at the first meeting of a class is advised because of enrollment demands. Any student not reporting to the first class meeting may be dropped from the roll sheet.

GRADES DUE AND AVAILABLE

Final course grades are available:

- online, by visiting the websites at www.sac.edu (SAC)

Instructor grade delivery and student grade availability dates are as follows:

- FALL semester grades are due in the Admissions office on Thursday, December 16, 2010.
- FALL semester grades will be available after Thursday, December 16, 2010.

Once the instructor submits grades to admissions, students can view grades the next day using the online records system.

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 DISCONTINUANCE 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.

DISTRICT SAFETY AND SECURITY

The District Safety Department provides 24 hour services to both Santa Ana College and Santiago Canyon College, and their sites and centers. At SAC the office is at the X building and the telephone number is 714-564-6330. At SCC, the district safety and security office is at the U building and the phone number is 714-628-4730. Persons wanting to call the office may also do so at SAC, SCC and at the Centennial Education Center may use the yellow call-boxes on those campuses. After hours, from 11pm to 7am, Mon-Fri, the district-wide number for district safety and security services for all campuses is 714-564-6333.

RSCCD has a reputation for maintaining safe campuses, where staff, students and faculty can work and study without fear for their personal safety or property. This is, in part, a result of everyone working together to create an atmosphere that is safe and conducive to learning. All crimes or serious incidents that occur on campus should be reported to the district safety and security department. Crime report logs for the district are maintained and available for review at the district safety office at Santa Ana College.

RSCCD TOTAL CRIME STATISTICS ON CAMPUS

for the complete Annual Crime/Security Report go to

<http://www.rsccd.edu/safety>

Includes both Santa Ana College and Santiago Canyon College All sites and cent

CRIME	2006	2007	2008
Murder	0	0	0
Negligent manslaughter	0	0	0
Forcible sex offense	1	0	2
Non-forcible sex offense	0	0	0
Robbery	3	2	3
Aggravated assault	1	0	1
Burglary from building	1	2	9
Motor vehicle theft	9	8	9
Arson	0	0	4
Hate crime	0	0	0
Illegal weapons possession	0	1	1
Drug law violation	4	3	3
Liquor law violation	2	5	2
Larceny from vehicle	19	22	23
Grand theft (\$400+)	11	11	20
Bomb threat	0	0	0

WWW.SAC.EDU



RECORDS, TRANSACTIONS, AND INFORMATION AVAILABLE ONLINE at WWW.SAC.EDU

- Open classes (course availability) “Real Time”
- Grades
- Address and email address update—*keep address current*
- Detailed Catalog information—updated monthly (www.sac.edu)
- Class Schedule information
- Unofficial transcripts
- Request official transcripts online—must pay with a credit card.
(Free transcripts not available)
- Change your pin number—protect your privacy!
- Register online: add and drop classes
- Pay fees online with a credit card

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

AlertU

Academic Planning Questions?
www.sac.edu/online_counseling

Online Counseling Now Available!
www.sac.edu/online_counseling



SAC IS TOBACCO-FREE

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

psi BUSINESS SEMINARS FOR COLLEGE CREDIT

General Management • Communication • Computer Skills

Office Management • Self Improvement • Small Business/Entrepreneur

INCREASE YOUR VALUE to your present employer or learn skills that will make you more valuable in the future. Enroll now in these 8- or 16-hour seminars to IMPROVE YOUR JOB SATISFACTION. Join the 35,000 participants who have utilized this program to KEEP COMPETITIVE in today's business world. TAUGHT BY TRAINED PROFESSIONALS who keep up-to-date on the latest in business and industry. To obtain a Business Seminar Class Schedule contact RSCCD's Public Service Institute **714-241-5823**, or visit <http://sacpsi.org>

SCHEDULE OF CLASSES

HOW TO READ THE COLLEGE CREDIT CLASS SCHEDULE

Check the course title and number carefully and be sure to note where the class meets. Many are at different campuses which may affect your time schedule and selection of classes. A key to the abbreviations for site locations is on this page.

Course Title and Number → **TELEVISION/VIDEO COMMUNICATIONS 182, 3D ADVANCED MODELING TECHNIQUES**

Supplemental info/notices → **Material Fee(s): \$15**

Section Number → 23661 AND

Time → 6:00p-10:15p AND 5 Hrs Arr

Day(s) → T

Instructor → Waterman P AND Waterman P

Site Location → SAC A-223 AND SAC A-223

Room → 04/13-06/01

Units of Credit → **2.5 UNITS**

Course Information (see page 75 for information about prerequisites & advisories)

Course Begin and End dates for classes that are not standard full semester

An ICON next to a listed class indicates a special offering:



HONORS COURSES – Look for the Honors course torch symbol in the schedule or check the SAC listing on page 20.



ONLINE CLASSES – Look for the Online class symbol in the schedule or check the complete list on pages 16–18



TV CLASSES – Look for the TV class symbol in the schedule or check the complete list on page 19.



OFF CAMPUS FIELD TRIPS – Look for the Field Trip symbol for classes that include field trips and read the policy on page 10.



FUTURE TEACHERS – Content of interest to future teachers



WEEKEND CLASSES – Classes offered Friday evenings, Saturday, and Sunday or check the complete list on page 14.

LOCATIONS

Index of class locations at Instructional Centers in the Santa Ana College service area

CARE – Carehouse Convalescent Hospital
1800 Old Tustin Avenue, Santa Ana

CDC – Santa Ana College
Child Development Center
1720 W. 17th Street, Santa Ana

CEC – Centennial Education Center
2900 W. Edinger, Santa Ana, 714-241-5700

CJTC – Orange County Sheriff's
Regional Training Academy
15991 Armstrong Avenue, Tustin

DMC – Digital Media Center
1300 S. Bristol, Santa Ana

FVRH – Fountain Valley Regional Hospital
17100 Euclid, Fountain Valley

JPTC-CN – Joint Powers Training
Facility—Central Net
18301 Gothard, Huntington Beach

OCDE – Orange County Department
of Education
5700 Kalmas, Costa Mesa

OCPD – Orange County Probation Dept.
1001 South Grand Ave., Santa Ana

OCLL – Orange County Law Library
1170 W. Civic Center Drive, Santa Ana

OCST – Orange County Sheriff's
Department Training Center
1900 W. Katella Ave., Orange

OCTA – Orange County
Transportation Authority
55 S. Main St., Orange

RIVE-GOLF – Riverview Golf Course
1800 W. 22nd, Santa Ana

SAC – Santa Ana College
1530 W. 17th Street, Santa Ana, 714-564-6000

SCC – Santiago Canyon College
8045 E. Chapman Avenue, Orange, 714-628-4900

VHS – Valley High School
1801 S. Greenville, Santa Ana

WMC – Western Medical Center
1001 N. Tustin, Santa Ana

The Santa Ana College campus map is printed on page 85



FALL 2010 WEEKEND CLASSES

The following is a listing of Friday evening, Saturday and Sunday classes offered at Santa Ana College. Refer to the full class listing (beginning on page 21 in this publication) for more complete information.

SANTA ANA COLLEGE

WEEKEND CLASSES

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT	101 . 33782	8:00a-12:15p	. . . . . Sa	. . . . . Muise M	. . . . . SAC A-209	. Full Semester
ART	100 . 34320	6:00p-10:05p	. . . . . F	. . . . . Redfield M	. . . . . SAC C-104	. 09/10-10/16
	AND	12:30p-4:35p	. . . . . Sa	. . . . . Redfield M	. . . . . SAC C-104	
AUTO	086 . 36393	6:00p-10:15p	. . . . . F	. . . . . Wilkes D	. . . . . SAC J-102	. 08/27-10/15
BANK	010 . 33784	9:00a-2:50p	. . . . . Sa	. . . . . Trabant T	. . . . . SAC A-207	. 10/23-12/04
BANK	010 . 33783	9:00a-2:50p	. . . . . Sa	. . . . . Trabant T	. . . . . SAC A-207	. 08/28-10/02
BIOL	109 . 34389	9:00a-12:10p	. . . . . Sa	. . . . . Takahashi M	. . . . . SAC R-128	. Full Semester
BIOL	109L . 34705	12:30p-3:40p	. . . . . Sa	. . . . . Morales D	. . . . . SAC R-202	. Full Semester
BIOL	109L . 34701	3:30p-6:40p	. . . . . F	. . . . . Boyd D	. . . . . SAC R-202	. Full Semester
BIOL	239 . 35001	8:30a-11:40a	. . . . . Sa	. . . . . Dibernardo L	. . . . . SAC R-124	. Full Semester
	AND	8:30a-11:40a	. . . . . F	. . . . . Dibernardo L	. . . . . SAC R-219	
BIOL	239 . 35003	8:30a-11:40a	. . . . . Sa	. . . . . Dibernardo L	. . . . . SAC R-124	. Full Semester
	AND	12:30p-3:40p	. . . . . Sa	. . . . . Dibernardo L	. . . . . SAC R-201	
BIOL	239 . 35004	8:30a-11:40a	. . . . . Sa	. . . . . Dibernardo L	. . . . . SAC R-124	. Full Semester
	AND	6:30p-9:40p	. . . . . F	. . . . . Johnson R	. . . . . SAC R-201	
BA	035 . 35357	9:00a-12:10p	. . . . . Sa	. . . . . Ali W	. . . . . SAC A-222	. 08/28-10/16
BA	036 . 35361	9:00a-12:10p	. . . . . Sa	. . . . . Nguyen T	. . . . . SAC A-226	. 08/28-10/16
BA	057 . 35504	9:00a-12:10p	. . . . . Sa	. . . . . Frias Callejas M	. . . . . SAC A-224	. Full Semester
BA	125 . 35371	9:00a-12:35p	. . . . . Sa	. . . . . Ali W	. . . . . SAC A-222	. 10/16-12/11
BA	188 . 35671	6:30p-9:35p	. . . . . F	. . . . . Nguyen T	. . . . . SAC A-226	. 08/27-10/15
BA	189 . 36833	6:30p-9:35p	. . . . . F	. . . . . Nguyen T	. . . . . SAC A-226	. 08/27-10/15
CHEM	209 . 35464	9:00a-12:10p	. . . . . Sa	. . . . . Moore B	. . . . . SAC R-318	. Full Semester
	AND	1:00p-4:10p	. . . . . Sa	. . . . . Moore B	. . . . . SAC R-309	
CJA	010 . 36799	6:00p-10:00p	. . . . . Tu Th Sa	. . . . . CJ ACADEMY	. . . . . CJTC-SD	. 09/21-10/16
CJA	026A . 36128	7:00a-4:00p	. . . . . Sa	. . . . . CJ ACADEMY	. . . . . CJTC-113	. 12/11-12/18
CJA	026A . 36127	7:00a-4:00p	. . . . . Sa	. . . . . CJ ACADEMY	. . . . . CJTC-104	. 09/11-09/18
DNCE	122 . 34913	10:00a-10:50a	. . . . . Sa	. . . . . Van Patten M	. . . . . SAC G-108	. Full Semester
	AND	10:55a-12:10p	. . . . . Sa	. . . . . Van Patten M	. . . . . SAC G-108	
ERTH	110 . 35211	9:00a-12:10p	. . . . . Sa	. . . . . Greenwood R	. . . . . SAC R-111	. Full Semester
EMT	111 . 33624	8:30a-12:30p	. . . . . F Sa	. . . . . Dethlefsen E	. . . . . SAC R-307	. 10/01-10/09
	AND	1:00p-5:10p	. . . . . F Sa	. . . . . Staff	. . . . . SAC R-307	
ENGL	101 . 33722	9:00a-1:15p	. . . . . Sa	. . . . . Gomez F	. . . . . SAC I-106	. Full Semester
ENGR	183 . 34187	8:00a-12:00p	. . . . . Sa	. . . . . Fonseca J	. . . . . SAC A-216	. Full Semester
ENGR	185 . 34189	8:00a-12:00p	. . . . . Sa	. . . . . Fonseca J	. . . . . SAC A-216	. Full Semester
FAC	007 . 33178	6:30a-8:00a	. . . . . Sa	. . . . . Kohls A	. . . . . JPT-BFA	. 08/07-06/11
FAC	008 . 33179	7:30a-11:30a	. . . . . Su	. . . . . Bartlett M	. . . . . JPT-BFA	. 09/12-09/12
FAC	008 . 33180	7:30a-11:30a	. . . . . Su	. . . . . Bartlett M	. . . . . JPT-BFA	. 10/10-10/10
FAC	008 . 33181	7:30a-11:30a	. . . . . Su	. . . . . Bartlett M	. . . . . JPT-BFA	. 11/14-11/14
FAC	008 . 33182	7:30a-11:30a	. . . . . Su	. . . . . Bartlett M	. . . . . JPT-BFA	. 12/05-12/05
FAC	060 . 33177	6:00p-10:00p	. . . . . F	. . . . . Chidester D	. . . . . JPT-BFA	. 08/07-06/11
	AND	8:00a-5:00p	. . . . . Sa	. . . . . Chidester D	. . . . . SAC JPT-BFA	
HIST	121 . 33293	6:00p-9:25p	. . . . . F	. . . . . Riggins C	. . . . . SAC I-109	. 10/22-12/11
	AND	9:00a-12:25p	. . . . . Sa	. . . . . Riggins C	. . . . . SAC I-109	

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
MNFG	011 . 36515	5:00p-7:05p	. . . . . F	. . . . . Farmer B	. . . . . SAC A-130	. Full Semester
MNFG	053 . 36513	7:15p-10:25p	. . . . . F	. . . . . Farmer B	. . . . . SAC A-130	. Full Semester
MNFG	071 . 36544	9:00a-1:15p	. . . . . Sa	. . . . . Singh N	. . . . . SAC H-207	. Full Semester
MNFG	N96 . 37348	12:00p-6:00p	. . . . . F	. . . . . Digilio G	. . . . . SAC T-107	. Full Semester
MNFG	N97 . 37349	9:00a-5:30p	. . . . . Sa	. . . . . Digilio G	. . . . . SAC T-107	. Full Semester
MATH	N48 . 34273	8:00a-12:15p	. . . . . Sa	. . . . . Pilz L	. . . . . SAC R-113	. Full Semester
MATH	053 . 36514	7:15p-10:25p	. . . . . F	. . . . . Farmer B	. . . . . SAC A-130	. Full Semester
MATH	081 . 34417	8:00a-1:20p	. . . . . Sa	. . . . . Maiah A	. . . . . SAC I-203	. Full Semester
MATH	140 . 34509	8:00a-12:15p	. . . . . Sa	. . . . . Bui M	. . . . . SAC I-204	. Full Semester
MATH	219 . 34540	8:00a-1:20p	. . . . . Sa	. . . . . Rivera Junior F	. . . . . SAC A-213	. Full Semester
MNFG	071 . 36544	9:00a-1:15p	. . . . . Sa	. . . . . Singh N	. . . . . SAC H-207	. Full Semester
MUS	185 . 35804	10:00a-10:55a	. . . . . Sa	. . . . . Adele D	. . . . . SAC N-114	. Full Semester
	AND	11:00a-12:05p	. . . . . Sa	. . . . . Adele D	. . . . . SAC N-114	
MUS	189 . 35810	12:15p-3:25p	. . . . . Sa	. . . . . Adele D	. . . . . SAC N-114	. Full Semester
MUS	241 . 35817	12:15p-3:25p	. . . . . Sa	. . . . . Adele D	. . . . . SAC N-114	. Full Semester
NRN	101L . 33585	TBA	. . . . . Sa Su	. . . . . Paunovic M	. . . . . CAREHOUSE	. 07/24-12/04
NRN	101L . 33586	TBA	. . . . . Sa Su	. . . . . Rehm A	. . . . . FRENCH	. 07/24-12/04
NRN	198 . 33609	TBA	. . . . . M Tu W Th F Sa	. . . . . Nick J	. . . . . SAC R-203	. Full Semester
NRN	198 . 33607	TBA	. . . . . M Tu W Th F Sa	. . . . . Nick J	. . . . . SAC R-203	. 08/23-12/09
NRN	201L . 33600	TBA	. . . . . Sa Su	. . . . . Horgan L	. . . . . SAC SJH	. 07/24-12/05
NRN	201L . 33598	TBA	. . . . . Sa Su	. . . . . Stucken R	. . . . . SAC COL	. 07/24-12/05
NRN	202L . 33602	TBA	. . . . . Sa	. . . . . Bowles C	. . . . . SAC UCI	. 08/24-12/09
NRN	202L . 33605	TBA	. . . . . Sa	. . . . . Mixer D	. . . . . SAC SJH	. 08/24-12/09
PARA	100 . 33791	8:00a-5:10p	. . . . . Sa	. . . . . Lamarra K	. . . . . SAC A-130	. 08/28-10/02
PARA	131 . 34401	8:00a-5:10p	. . . . . Sa	. . . . . Lamarra K	. . . . . SAC A-130	. 11/06-12/04
PARA	137 . 34356	8:00a-5:10p	. . . . . Sa	. . . . . Lamarra K	. . . . . SAC A-130	. 10/09-10/30
PHOT	190 . 35505	5:00p-6:55p	. . . . . F	. . . . . Sharum M	. . . . . DMC-104	. Full Semester
	AND	7:00p-10:05p	. . . . . F	. . . . . Sharum M	. . . . . DMC-104	
PHOT	191 . 35507	5:00p-6:55p	. . . . . F	. . . . . Sharum M	. . . . . DMC-104	. Full Semester
	AND	7:00p-10:05p	. . . . . F	. . . . . Sharum M	. . . . . DMC-104	
PHOT	194 . 35508	9:00a-11:00a	. . . . . Sa	. . . . . Sharum M	. . . . . SAC A-219	. Full Semester
	AND	11:15a-2:20p	. . . . . Sa	. . . . . Sharum M	. . . . . SAC A-219	
POLT	101 . 33363	9:00a-12:10p	. . . . . Sa	. . . . . Chervanek T	. . . . . SAC A-210	. Full Semester
PSYC	100 . 33405	9:00a-12:10p	. . . . . Sa	. . . . . Staff	. . . . . SAC I-108	. Full Semester
SOCS	219 . 34549	8:00a-1:20p	. . . . . Sa	. . . . . Staff	. . . . . SAC A-213	. Full Semester
SPCH	101 . 35179	9:00a-12:10p	. . . . . Sa	. . . . . Harris M	. . . . . SAC C-207	. Full Semester
SPCH	101 . 35136	6:00p-9:55p	. . . . . F	. . . . . Holder V	. . . . . SAC I-103	. 09/10-10/16
	AND	9:00a-12:55p	. . . . . Sa	. . . . . Staff	. . . . . SAC I-103	
SPCH	101 . 35178	6:30p-9:40p	. . . . . F	. . . . . Habel L	. . . . . SAC A-205	. Full Semester
VIET	101 . 33654	6:00p-8:30p	. . . . . F	. . . . . Tran D	. . . . . SAC I-104	. Full Semester
	AND	9:00a-11:30a	. . . . . Sa	. . . . . Tran D	. . . . . SAC I-104	

Hard work pays off on the weekend!

Friday evening – Sunday evening classes

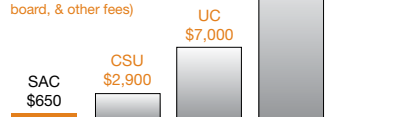
Earn your Liberal Arts or Business Administration AA (meets transfer requirements for CSUF Business Administration)

Why spend more?

Weekend College at SAC is Your Best Investment.

Annual Fees*

(* based on a 12-unit load at SAC excluding books, parking, room, board, & other fees)





Earn full credit in half the time by enrolling in GR8 Weeks courses. These mini-semester classes run for only eight weeks and are offered in two blocks; at the beginning and middle of the semester. The demand is high and classes are popular so enroll now to save your space. **Don't W8!**

**FOR MORE INFORMATION OR TO
MAKE A COUNSELING APPOINTMENT,
CALL: SANTA ANA COLLEGE - 714-564-6100**

1ST 8-WEEK COURSES FOR FALL 2010

2ND 8-WEEK COURSES FOR FALL 2010

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT	035	34059	7:00p-10:25p	M	Bloom M	SAC A-222 08/23-10/11
ACCT	035	34052	11:00a-1:00p	Tu	Shain S	SAC A-222 08/24-10/12
AUTO	086	36393	6:00p-10:15a	F	Wilkes D	SAC J-102 08/27-10/15
BANK	010	33783	9:00a-2:50p	Sa	Trabant T	SAC A-207 08/28-10/02
BUS	110	34125	6:00p-10:00p	Tu	Grant M	SAC A-203 08/24-09/14
BUS	111	34126	6:00p-10:00p	Tu	Grant M	SAC A-203 09/21-10/12
BUS	147	34144	6:30p-9:35p	Th	Mallory C	SAC A-203 08/26-09/16
BUS	148	34142	6:00p-10:00p	Th	Mallory C	SAC A-203 09/23-10/14
BUS	150	34038	6:00p-10:10p	Tu Th	Beck J	SAC A-213 08/24-10/14
BA	035	35357	9:00a-12:10p	Sa	Ali W	SAC A-222 08/28-10/16
BA	036	35361	9:00a-12:10p	Sa	Nguyen T	SAC A-226 08/28-10/16
BA	147	35372	7:00p-10:10p	Th	Ali W	SAC A-224 08/26-10/14
BA	188	35665	9:30a-10:55a	Tu Th	Negrete T	SAC A-222 08/24-10/14
BA	188	35671	6:30p-9:35p	F	Nguyen T	SAC A-226 08/27-10/15
BA	190	35359	TBA	Staff	Lehrer C	SAC WEB 08/23-10/15
BA	198	36285	7:00p-10:10p	M	Eskow S	SAC A-228 08/23-10/11
DNCE	109	34709	8:00a-8:55a	Tu Th	Kikawa E	SAC G-108 08/24-10/14
ENGL	061	33526	11:30a-3:45p	Tu Th	Tran M	SAC D-205 08/24-10/14
ENGL	061	33510	11:30a-3:45p	Tu Th	Barraza G	SAC D-302 08/24-10/14
ENTR	101	34154	6:00p-10:00p	Tu	Thomason A	SAC A-207 08/24-09/14
ENTR	102	34155	6:00p-10:00p	Tu	Staff	SAC A-207 09/21-10/12
ENTR	104	34157	6:00p-10:10p	Th	Staff	SAC A-207 08/26-10/14
ESHE	105	35492	7:30a-9:35a	Tu Th	Gorrie R	SAC G-107 08/23-10/14
ESHE	107	35494	9:40a-10:30a	Tu Th	Gorrie R	SAC G-107 08/23-10/14
FAC	008B	34021	6:00p-8:00p	W	Argo R	JPT-BFA 08/25-10/13
FAC	008B	34066	8:45a-10:45a	F	Argo R	JPT-BFA 08/27-10/15
FAC	008C	34129	6:00p-8:00p	W	Argo R	JPT-BFA 08/25-10/13
FAC	008C	34130	8:45a-10:45a	F	Argo R	JPT-BFA 08/27-10/15
HIST	120	33283	1:15p-4:25p	Tu Th	Medina M	SAC D-105 08/24-10/21
HUD	215	35950	6:00p-10:10p	Th	Morgan-Beazell G	SAC I-202 08/26-10/14
MUS	142	35777	12:30p-1:25p	M W	Kehlenbach E	DMC-204 08/23-10/13
MUS	146	35784	1:30p-2:55p	Tu Th	Bush N	DMC-204 08/24-10/14
MUS	146	35785	6:00p-9:10p	W	Graham A	DMC-204 08/25-10/13
OTA	202	36024	TBA		Hyman D	SAC T-120 08/23-10/17
PARA	100	33791	8:00a-5:10p	Sa	Lamarra K	SAC A-130 08/28-10/02
PARA	130	34348	9:00a-10:55a	M W	Manzano F	SAC A-205 08/23-10/13
PARA	136	34353	6:00p-10:10p	Th	Pollinger B	SAC A-205 08/26-10/14
PARA	143	36026	11:00a-1:10p	M W	Pollinger B	SAC A-205 08/23-10/13
PARA	143	34341	6:00p-10:15p	Tu	Pollinger B	SAC A-205 08/24-10/12
PARA	147	36442	6:00p-10:00p	Th	Mallory C	SAC A-203 08/26-09/16
PARA	148	36448	6:00p-10:00p	Th	Mallory C	SAC A-203 09/23-10/14
STDY	091	36139	1:00p-3:05p	Tu	Nguyen M	SAC L-202 08/24-10/12

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT	032	34032	7:00p-9:10p	M	Bloom M	SAC A-222 10/18-12/06
ACCT	035	34056	11:00a-1:00p	Tu	Shain S	SAC A-222 10/19-12/07
BANK	010	33784	9:00a-2:50p	Sa	Trabant T	SAC A-207 10/23-12/04
BUS	113	34127	6:00p-10:00p	Tu	Shweiri G	SAC A-203 10/19-11/09
BUS	114	34135	6:00p-10:00p	Tu	Shweiri G	SAC A-203 11/16-12/07
BUS	149	34143	6:00p-10:00p	Th	Mallory C	SAC A-203 10/21-11/18
BA	043	35365	5:00p-6:55p	M	Staff	SAC A-228 11/15-12/06
BA	125	35371	9:00a-12:35p	Sa	Ali W	SAC A-222 10/23-12/11
BA	148	35373	6:00p-10:10p	Th	Ali W	SAC A-224 10/21-12/09
BA	189	36295	9:30a-10:55a	Tu Th	Negrete T	SAC A-222 10/19-12/09
BA	189	36833	6:30p-9:35p	F	Nguyen T	SAC A-226 10/22-12/10
BA	191	35363	TBA		Lehrer C	SAC WEB 10/18-12/10
BA	198	35368	7:00p-10:10p	M	Eskow S	SAC A-228 10/18-12/06
CMPR	100	34001	8:00a-10:55a	M W	Nichols B	SAC A-213 10/18-12/08
CMPR	100	34100	8:00a-10:55a	Tu Th	Nichols B	SAC A-213 10/19-12/09
CMPR	100	35317	7:00p-10:10p	Tu Th	Nichols B	SAC A-213 10/19-12/09
CMPR	163	36055	11:00a-1:55p	M W	Nichols B	SAC A-213 10/18-12/08
ENTR	103	34156	6:00p-10:00p	Tu	Hobbs R	SAC A-207 10/19-12/07
ENTR	105	34159	6:00p-10:10p	Th	Staff	SAC A-207 10/21-12/09
ESHE	107	36570	9:30a-10:20a	Tu Th	Gorrie R	SAC G-107 10/18-12/12
FAC	008B	34034	6:00p-8:00p	W	Argo R	JPT-BFA 10/20-12/08
FAC	008B	34128	8:45a-10:45a	F	Argo R	JPT-BFA 10/22-12/10
FAC	008C	34131	6:00p-8:00p	W	Argo R	JPT-BFA 10/20-12/08
FAC	008C	34132	8:45a-10:45a	F	Argo R	JPT-BFA 10/22-12/10
HIST	121	33293	6:00p-9:25p	F	Riggins C	SAC I-109 10/22-12/11
HUD	216	36368	6:00p-10:10p	Th	Valdez S	SAC I-202 10/21-12/09
MUS	143	35778	12:30p-1:25p	M W	Kehlenbach E	DMC-204 10/18-12/08
MUS	144	35779	12:00p-1:00p	M W	Kehlenbach E	DMC-204 10/18-12/08
MUS	144	35782	1:30p-2:30p	Tu Th	Bush N	DMC-204 10/19-12/09
MUS	147	35787	1:30p-2:55p	Tu Th	Bush N	DMC-204 10/19-12/09
NRN	200	33613	9:00a-11:20a	W	Horgan L	SAC R-114 10/20-12/09
OTA	203	36025	TBA		Hyman D	SAC T-120 10-18-12/12
PARA	131	34401	8:00a-5:10p	Sa	Lamarra K	SAC A-130 11/06-12/04
PARA	131	34351	9:00a-10:55a	M W	Manzano F	SAC A-205 10/18-12/08
PARA	137	34356	8:00a-5:10p	Sa	Lamarra K	SAC A-130 10/09-10/30
PARA	138	34355	6:00p-10:10p	Th	Biggs C	SAC A-205 10/18-12/09
PARA	144	34345	11:00a-1:10p	M W	Pollinger B	SAC A-205 10/18-12/08
PARA	144	34346	6:00p-10:15p	Tu	Pollinger B	SAC A-205 10/19-12/07
PARA	149	36449	6:00p-10:00p	Th	Mallory C	SAC A-203 10/21-11/18
STDY	091	36140	1:00p-3:05p	Tu	Nguyen M	SAC L-202 10/19-12/07

ONLINE COURSES FOR FALL 2010

Participation/Attendance, and Exams

Students enrolling in the following courses will have the opportunity to complete most of their course work outside of the classroom, although some classes combine mandatory on campus meetings with online instruction. On campus meeting dates are listed for most classes if required. Students may access course materials via the Internet either at home or using an on campus computer. Students are required to log onto the class website and email the instructor during the first week of the class or they may be dropped from the class roster. A Santa Ana College instructor will be available on campus, by phone, or email to answer questions or discuss course material during the course. Access to most online courses will be available August 23, 2010.

Course Information

Information about online classes such as course orientation or meeting dates, time and place, Frequently Asked Questions, course requirements, textbook and instructor contact information can be found at <http://www.sac.edu/disted>. Students on wait lists must email the instructor the first week of class to be considered for enrollment.

SECTION	INSTRUCTOR	EMAIL	
ACCOUNTING 101 36866	FINANCIAL ACCOUNTING S. Shain	4 UNITS Shain_Sheila@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class			
ACCOUNTING 104 34088	FEDERAL AND CALIFORNIA TAXES J. Trone	4 UNITS Trone_jinhee@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ART 100 34313	INTRODUCTION TO ART CONCEPTS S. Brown	3 UNITS Brown_Sharon@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class			
ART 100 34326	INTRODUCTION TO ART CONCEPTS S. Brown	3 UNITS Brown_Sharon@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class			
BIOLOGY 109 34390	FUNDAMENTALS OF BIOLOGY M. Rourke	3 UNITS Rourke_Michael@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BIOLOGY 109 34668	FUNDAMENTALS OF BIOLOGY P. Mansfield	3 UNITS Mansfield_Patricia@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class			
BIOLOGY 239 35009	GENERAL HUMAN ANATOMY P. Mansfield	4 UNITS Mansfield_Patricia@sac.edu	
Includes on campus lab. Will specifically utilize cadaver demonstration/dissection instead of cats. Online instruction plus mandatory on-campus lab meetings every Friday 3:00-6:10pm. SAC R-201. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 100 34107	FUNDAMENTALS OF BUSINESS M. Grant	3 UNITS Grant_Madeline@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 105 34117	LEGAL ENVIRONMENT OF BUSINESS R. Manzano	3 UNITS Manzano_Rick@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 130 34105	PERSONAL FINANCE E. Mitchell	3 UNITS Mitchell_Earl@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 150 34076	INTRODUCTION TO INFORMATION SYSTEMS C. Kushida	4 UNITS Kushida_Cherylee@sac.edu	
Email instructor first week of class. Go to http://ext.sac.edu/faculty_staff/kushida_cherylee for more information.			
BUSINESS APPLICATIONS 110 34599	COMPUTER KEYBOARDING SKILLS D. Montiel-Childress	1-2 UNITS Montiel_Dena@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS APPLICATIONS 179 34619	INTRODUCTION TO MICROSOFT OFFICE M. Nguyen	4 UNITS Nguyen_M+	

Access Requirements

You must email your instructor the first week of class. Online courses require students to have access to a computer with an individual email account and Internet access. Internet access is also available to students in the Santa Ana College Academic Computing Center, located in the Cesar Chavez Building (A-106), the Business Division Computer Labs, and the SAC Nealley Library. Santa Ana College uses Blackboard for most of its online courses. Students enrolled in most online classes will log on to: <http://rsccd.blackboard.com>. MAC users enrolling in Math classes should check computer compatibility with online course program, MyMathLab, before enrolling.

Hardware Requirements

Windows 98, 2000, XP / MAC OS 9.2 or higher
64 MB of Ra, 20 MB of free disk space
56k modem or higher
JavaScript and Cookies must be enabled.



Online courses are identified in the class listing by this symbol.

SECTION	INSTRUCTOR	EMAIL	
	ichaelt@sac.edu		
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS APPLICATIONS 190 35359	MICROSOFT POWERPOINT C. Lehrer	1.5 UNITS Lehrer_Carol@sac.edu	
8/23/10-10/15/10. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS APPLICATIONS 191 35363	POWERPOINT APPLICATION C. Lehrer	1.5 UNITS Lehrer_Carol@sac.edu	
10/18/10-12/10/10. One hour per week arranged. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
CHEMISTRY 109 35453	CHEMISTRY IN THE COMMUNITY W. Nguyen	4 UNITS Nguyen_William@sac.edu	
Online instruction plus mandatory on campus lab meetings every Wed, 8:30am-11:40am., SAC R-302. Go to www.sac.edu/disted for more information. Email instructor first week of class			
CHEMISTRY 209 35474	INTRODUCTORY CHEMISTRY C. Jenkins	4 UNITS Jenkins_Crystal@sac.edu	
Online instruction plus mandatory on campus lab meetings every Fri, 9am-12:10pm., SAC R-309. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
COMPUTER SCIENCE 100 34074 OR 34075	THE COMPUTER AND SOCIETY C. Kushida	3 UNITS Kushida_Cherylee@sac.edu	
Email instructor first week of class. Go to http://ext.sac.edu/faculty_staff/kushida_cherylee for more information.			
COUNSELING 116 34669 OR 34673 OR 34674 OR 34676	CAREER/LIFE PLANNING AND PERSONAL EXPLORATION D. Sadler	3 UNITS Sadler_Dennis@sac.edu	
Students must attend one of the following orientations: 8/24 or 8/31, 12-2pm or 7-9pm, SAC L-225. For additional information contact the instructor, sadler_dennis@sac.edu or www.sac.edu/students/counseling/staff/sadler.htm .			
COUNSELING 116 34678	CAREER/LIFE PLANNING AND PERSONAL EXPLORATION D. Sadler	3 UNITS Sadler_Dennis@sac.edu	
Online instruction plus mandatory on campus meetings every Monday, 6-7:30 pm, SAC L-225. Email instructor first week of class. Go to www.sac.edu/disted for more information.			
CRIMINAL JUSTICE 103 35721	CONCEPTS OF CRIMINAL LAW A. Gonis	3 UNITS Gonis_Andrew@sac.edu	
Online instruction plus mandatory on campus orientation Mon, 8/23, 6 - 7 pm, SAC A-207. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ECONOMICS 120 33996	PRINCIPLES/ MACROECONOMICS L. Ho	3 UNITS Ho_Lac@sac.edu	
Online instruction plus on campus meetings: 8/28, 11/6, 12/4, SAC A-211. All class meetings on Saturday 10-11:30am. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ECONOMICS 121 33998	PRINCIPLES/MICROECONOMICS L. Ho	3 UNITS Ho_Lac@sac.edu	
Online instruction plus on campus meetings: 8/28, 11/6, 12/4, SAC A-211. All class meetings on Wednesday 11:40am-1:10pm. Go to www.sac.edu/disted for more information. Email instructor first week of class.			

FALL 2010 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
EDUCATION 204	PERSONAL PROFICIENCY IN EDUCATION TECHNOLOGIES FOR SECONDARY TEACHERS	3 UNITS
36372	Staff	
Online instruction plus mandatory on-campus meetings: 8/25, 9/8, 9/22, 10/6, 10/20, 11/3, 11/17, 12/01, SAC A-222. All class meetings on Wednesday 7-10 pm. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EDUCATION 205	PERSONAL PROFICIENCY IN EDUCATION TECHNOLOGIES FOR ELEMENTARY TEACHERS	3 UNITS
36373	Staff	
Online instruction plus mandatory on-campus meetings: 8/25, 9/8, 9/22, 10/6, 10/20, 11/3, 11/17, 12/01, SAC A-222. All class meetings on Wednesday 7-10 pm. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
ENGINEERING 112	SOCIETY AND THE BUILT ENVIRONMENT	3 UNITS
34205	S. Sherod	Sherod_Susan@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
ENGLISH 061	INTRODUCTION TO COMPOSITION	3 UNITS
33457	G. Bennett	Bennett_Gary@sac.edu
Online instruction plus mandatory on-campus meetings. Wednesday, 8/25, 9/29, 11/3, & 12/8 4:30-6:50pm, SAC I-104. Sixteen Writing Center lab hours required, one hour per week. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
ENGLISH 101	FRESHMAN COMPOSITION	4 UNITS
33677	N. Kabaji	Kabaji_Noha@sac.edu
Online instruction plus mandatory on-campus meetings: Thursday, 9/2, 9/16, 10/14, 11/18 & 12/2, 4:00-6:50pm, SAC D-208. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
ENGLISH 101	FRESHMAN COMPOSITION	4 UNITS
33708	P. Nguyen	Nguyen_Pete@sac.edu
Online instruction plus mandatory on-campus meetings: Monday, 8/23, 9/27, 11/01, & 12/6, 4:00-5:50pm, SAC D-305 Go to www.sac.edu/disted for more information. Email instructor first week of class.		
ENGLISH 101	FRESHMAN COMPOSITION	4 UNITS
33716	G. Bennett	Bennett_Gary@sac.edu
Online instruction plus mandatory on-campus meetings. Thursday, 8/26, 9/30, 11/4, & 12/9 4:30-6:10pm, SAC D-214. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
ENGLISH 101	FRESHMAN COMPOSITION	4 UNITS
33718	D. Pearce	Pearce_Dianne@sac.edu
Online instruction plus mandatory on-campus meetings. Thursday, 8/26, 10/7, 11/4, & 12/9 4:30-6:10pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
ENGLISH 101	FRESHMAN COMPOSITION	4 UNITS
33719	D. Pearce	Pearce_Dianne@sac.edu
Online instruction plus mandatory on-campus meetings. Thursday, 8/26, 10/7, 11/4, & 12/9 4:30-6:10pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
ENGLISH 102	LITERATURE AND COMPOSITION	4 UNITS
33729	C. Ramshaw	Ramshaw_Charles@sac.edu
Online instruction plus mandatory on-campus meetings. Mondays, 8/23, 9/27, 10/25 & 11/22, 5:00-6:50pm, SAC D-401. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
ENGLISH 103	CRITICAL THINKING AND WRITING	4 UNITS
33736	M. Beyersdorf	Beyersdorf_Matthew@sac.edu
Online instruction plus mandatory on-campus meetings. Mondays, 8/23, 10/4, 11/01 & 12/6, 5:00-6:50pm, SAC D-214. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE ACTIVITIES 123	PERSONAL FITNESS TRAINING	1 UNIT
36342	G. Jones	Jones_Geoffrey@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE - HEALTH 101	HEALTHFUL LIVING	3 UNITS
35394 OR 35395	D. Breig	Breig_David@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE-HEALTH 102	WOMEN'S HEALTH ISSUES	3 UNITS
35594	K. Nutter	Nutter_Kim@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class		

SECTION	INSTRUCTOR	EMAIL
EXERCISE SCIENCE-HEALTH 102	WOMEN'S HEALTH ISSUES	3 UNITS
36538	A. Doty	Doty_Ann@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE-HEALTH 104	NUTRITION AND FITNESS	2 UNITS
36536	A. Doty	Doty_Ann@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE PROFESSIONAL 125	SPORT PSYCHOLOGY	3 UNITS
35491	J. Coffman	Coffman_Jodi@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE PROFESSIONAL 150	SPORT AND SOCIETY	3 UNITS
35535 OR 36380	F. Luppani	Luppani_Flo@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE PROFESSIONAL 160	MANAGEMENT OF PHYSICAL EDUCATION AND SPORT	3 UNITS
35558	A. Siddons	Siddons_AI@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 101	FIRE PROTECTION ORGANIZATION	3 UNITS
34467	D. Stefano	Stefano_Daniel@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 102	FIRE BEHAVIOR AND COMBUSTION	3 UNITS
34487	J. Ash	Ash_Jeffrey@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 103	PERSONAL FIRE SAFETY	3 UNITS
34494	J. Hirsch	Hirsch_Jamie@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 104	FIRE PREVENTION TECHNOLOGY	3 UNITS
34953	S. Freeman	Freeman_Suzanne@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 105	BUILDING CONSTRUCTION FOR FIRE PROTECTION	3 UNITS
34960	D. Wiskus	Wiskus_Dennis@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 106	FIRE PROTECTION EQUIPMENT AND SYSTEMS	3 UNITS
34964	D. Wiskus	Wiskus_Dennis@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
HISTORY 120	UNITED STATES HISTORY TO 1865	3 UNITS
33279	T. Menzing	Menzing_Todd@sac.edu
Online instruction plus mandatory on-campus meetings: Mondays 8/23, 9/27, 10/25, & 11/22, 12:00-12:50pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
HISTORY 121	UNITED STATES HISTORY SINCE 1865	3 UNITS
33294	T. Menzing	Menzing_Todd@sac.edu
Online instruction plus mandatory on-campus meetings: Monday 8/23, 9/27, 10/25, & 11/22, 1:00-1:50pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
HUMAN DEVELOPMENT 107	CHILD GROWTH AND DEVELOPMENT	3 UNITS
35890	S. Valdez	Valdez_Susanne@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class		



Buy your Textbooks, SAC Gear and Supplies online at:
www.donbookstore.com

Fall 2010 books sold online beginning September 17.
Pay with your Visa or MasterCard. Have books delivered FedEx, or pick them up in our express Web line at the Don Bookstore.

FALL 2010 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
HUMAN DEVELOPMENT 112	HEALTH, SAFETY AND NUTRITION FOR CHILDREN	3 UNITS
35938	S. Valdez Valdez_Susanne@sac.edu	
Online instruction plus mandatory on-campus meetings: Saturdays, 8/28, 10/9, 11/13, 12/4, 9:30am-12:30pm, SAC B-33. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
LIBRARY TECHNOLOGY 053	LIBRARY INTERNSHIP	3 UNITS
35355	Y. Garcia Garcia_Yolanda@sac.edu	
Online instruction plus mandatory on-campus meetings: First class meeting Wednesday, 8/25, 4-5:55pm, SAC L-112-1. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
MATHEMATICS 060	ELEMENTARY ALGEBRA	4 UNITS
34354	M. Everett Everett_Mike@sac.edu	
Between the dates of 8/18 to 8/20 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Friday, 9/24, 10/22, 11/19, 12/10, 6-8 pm, SAC I-206 Go to www.sac.edu/disted for more information.		
MATHEMATICS 081	INTERMEDIATE ALGEBRA	4 UNITS
34418	D. Vu Vu_Dahlia@sac.edu	
Between the dates of 8/18 to 8/20 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Friday, 9/24, 10/22, 11/19, 12/10, 6-8 pm, SAC I-203. Go to www.sac.edu/disted for more information.		
MATHEMATICS 105	MATHEMATICS FOR LIBERAL ARTS STUDENTS	3 UNITS
34432	M. Everett Everett_Mike@sac.edu	
Between the dates of 8/18 to 8/20 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Friday, 9/24, 10/22, 11/19, 12/10, 4-6 pm, SAC I-206. Go to www.sac.edu/disted for more information.		
MATHEMATICS 140	COLLEGE ALGEBRA (CAN MATH 4)	4 UNITS
34510	C. Solheid Solheid_Christa@sac.edu	
Between the dates of 8/18 to 8/20 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Friday, 9/24, 10/22, 11/19, 12/10, 6-8 pm, SAC I-204. Go to www.sac.edu/disted for more information.		
MUSIC 101	MUSIC APPRECIATION	3 UNITS
35619	E. Jones Jones_Elliott@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
MUSIC 211	MUSIC HISTORY AND LITERATURE	3 UNITS
35811	E. Jones Jones_Elliott@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
NUTRITION 115	NUTRITION	3 UNITS
37557	R. Higgins Higgins_Rita@sac.edu	
Online instruction plus mandatory on-campus meeting, Wednesday 8/25, 6:30-8:30pm, SAC I-108. Email instructor first week of class. Go to www.sac.edu/disted for more information.		
OCCUPATIONAL THERAPY ASSISTANT 100	TERMINOLOGY AND DOCUMENTATION FOR THE O.T.A.	1 UNIT
36010	M. Parolise Parolise_Michelle@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
OCCUPATIONAL THERAPY ASSISTANT 101	FOUNDATIONS OF OCCUPATION AND OCCUPATIONAL THERAPY	4 UNITS
36011	M. Parolise Parolise_Michelle@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
OCCUPATIONAL THERAPY ASSISTANT 103	PHYSICAL FUNCTION AND DYSFUNCTION	4 UNITS
36019	V. Vu Vu_Victoria@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
OCCUPATIONAL THERAPY ASSISTANT 111	APPLIED KINESIOLOGY	1 UNIT
36022	M. Parolise Parolise_Michelle@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
OCCUPATIONAL THERAPY ASSISTANT 201	CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE	4 UNITS
36023	M. Parolise Parolise_Michelle@sac.edu	
Online instruction plus mandatory on campus meetings: Saturday, 9/11, 9/25, 10/9, 10/16, 10/23, 10/30, 11/06, 11/13, 12/4, 12/11, 9:00-12 noon, SAC T-210. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PARALEGAL 105	COOPERATIVE WORK EXPERIENCE EDUCATION-OCCUPATIONAL	1-4 UNITS
36017	C. DeBoer DeBoer_Christine@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		

SECTION	INSTRUCTOR	EMAIL
PARALEGAL 121	ETHICS AND PROFESSIONAL RESPONSIBILITY	2 UNITS
36013	R. Manzano Manzano_Rick@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PARALEGAL 299	COOPERATIVE WORK EXPERIENCE EDUCATION	1-4 UNITS
36020	C. DeBoer DeBoer_Christine@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PHARMACY TECHNOLOGY 048	INTRODUCTION TO PHARMACY TECHNOLOGY	2 UNITS
36268	J. Ross Jr RossJr_John@sac.edu	
Online instruction plus mandatory on-campus meetings every other Saturday starting 8/28/10, 8-10:05 am, SAC H-201. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PHARMACY TECHNOLOGY 052	BODY SYSTEMS II	3.5 UNITS
36272	H. Nguyen Nguyen_Hieu@sac.edu	
Online instruction plus mandatory on-campus meetings every other Monday starting 8/23/10, 6:00-9:45pm, SAC H-205. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PHARMACY TECHNOLOGY 054	PHARMACY CALCULATIONS	2 UNITS
36275	J. Ross Jr RossJr_John@sac.edu	
Online instruction plus mandatory on-campus meetings every other Saturday starting 8/28/10, 10:15am-12:20pm, SAC H-201. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PHILOSOPHY 110	CRITICAL THINKING	4 UNITS
33331	Z. Fish Fish_Zachary@sac.edu	
Online instruction plus mandatory on-campus meetings: Monday, 8/23, 9/20, 10/11, 11/1, 11/22, 5-6:50pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
POLITICAL SCIENCE 101	INTRODUCTION TO AMERICAN GOVERNMENTS	3 UNITS
33389	M. Petri Petri_Michael@sac.edu	
Online instruction plus mandatory on-campus meetings: Saturday, 8/28, 10/16, & 12/4, 10-11:30am, SAC A-109. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SOCIOLOGY 100	INTRODUCTION TO SOCIOLOGY	3 UNITS
33496	D. Dobos Dobos_David@sac.edu	
Online instruction plus mandatory on-campus meetings: Wednesday, 8/25, 9/22, 10/27, & 12/8, 5-6pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SOCIOLOGY 112	RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS	3 UNITS
33506	D. Dobos Dobos_David@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SPANISH 101	ELEMENTARY SPANISH I	5 UNITS
33555	M. Guerrero Guerrero_Martha@sac.edu	
Online instruction plus mandatory on-campus meetings, Monday, 8/23, 9/13, 10/4, 11/1, 11/29, 4:30-6:50pm, SAC D-304. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SPANISH 101	ELEMENTARY SPANISH I	5 UNITS
33563	J. Galvan Galvan_Javier@sac.edu	
Online instruction plus mandatory on-campus meetings, Tuesday, 8/24, 9/14, 10/12, 11/9, 11/30, 4:30-6:40pm, SAC D-303. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SPEECH COMMUNICATION 101	INTERPERSONAL COMMUNICATION	3 UNITS
35183	K. Hondo Hondo_Kesha@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
STUDY SKILLS 109	COLLEGE LEARNING SKILLS	3 UNITS
36130	Staff	
Online instruction plus mandatory on-campus orientation: Monday, 8/23, 1-2pm or Tuesday, 8/24, 6-7pm, SAC L-225. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
THEATRE ARTS 100	INTRODUCTION TO THEATRE (CAN DRAM 18)	3 UNITS
35603 OR 35607	V. Tivenan Tivenan_Valinda@sac.edu	
Go to www.sac.edu/disted for more information. Email instructor first week of class.		
THEATRE ARTS 131	STAGECRAFT	3 UNITS
35644	V. Tivenan Tivenan_Valinda@sac.edu	
Online instruction plus 2 hours lab session on campus each week in P-108. Go to www.sac.edu/disted for more information. Email instructor first week of class.		



TELEVISION COURSES FOR FALL 2010

TV courses are identified in the full class listing by this symbol

Viewing/Attendance and Exams

Students enrolling in the following courses will have the convenience of at-home viewing of television programs for college credit as well as the opportunity to review the week's taped TV lectures in the college libraries. Students may be required to come to Santa Ana College to take the designated examinations and/or other sessions as required by the instructor. An instructor will be available at the campus, by telephone or appointment, to discuss concerns or questions which may develop during the course. Textbooks for all schedules will be available at the Santa Ana College Bookstore. **Broadcast Schedules** are determined by the TV stations and are subject to change without notice. Some television courses are broadcast "over-the-air" on some cable channels, schedules to be announced. Course information will be emailed before the semester begins. Most telecourse videos are available for purchase in the bookstore or for checkout in the SAC and SCC libraries.

SECTION	TIME	DAYS	INSTRUCTOR	LOC./RM.	DATES
GEOLOGY 101					3 UNITS
35309			P. Hughes	Hughes_Philip@sac.edu	
Telecourse instruction plus optional on-campus review sessions: Thursdays, 9/9, 9/30, 10/21, 11/18, & 12/9, 4:30-6:40pm, R-111. Go to www.sac.edu/disted for more information					
HISTORY 120					3 UNITS
33284			K. Guzman	Guzman_Kristen@sac.edu	
Telecourse instruction plus optional on-campus review sessions. Mondays, 8/23, 9/13, 10/11, 11/8, & 12/6, 5:15-6:45pm, SAC D-209. Go to www.sac.edu/disted for more information.					
HISTORY 121					3 UNITS
33295			G. Ghelfi	Ghelfi_gerald@sac.edu	
Telecourse instruction plus optional on-campus review sessions: Mondays, 8/23, 9/20, 10/11, 11/1 & 11/22, 5:00-6:00pm, SAC D-106 Go to www.sac.edu/disted for more information.					
HUMAN DEVELOPMENT 107					3 UNITS
35903			J. Pugh	Pugh_Jim@sac.edu	
Telecourse instruction plus optional on-campus review sessions: Wednesday, 8/25, 5:30-7pm, SAC A-130 and Thursday, 9/9, 9/30, 10/28, 11/18 and Tuesday 11/23, 6-7pm, SAC A-130. Go to www.sac.edu/disted for more information.					
INTERDISCIPLINARY STUDIES 121					3 UNITS
37340			B. Kehlenbach	Kehlenbach_Brian@sac.edu	
Telecourse instruction plus optional on-campus review sessions. Tuesdays, 8/31, 9/14, 10/12, 11/9, & 11/30, 5:00-6:30pm, SAC a-130. Go to www.sac.edu/disted for more information.					

Course Information

During the two weeks prior to the beginning of the semester, students enrolled in telecourses will be emailed information on accessing course material online. Course orientation, meeting dates, time and location can be found at <http://www.sac.edu/disted>.

Students with no access to a computer and Internet, can go to the Academic Computing Center located in SAC A-106 or contact the Distance Education Office for assistance. (SAC R-105 or 714-564-6725).

It is extremely important that your current address, phone number and email address is on file in the Admissions Office. Please contact the Distance Education Office, 714-564-6725, if you do not receive your information by August 23, 2010. Visit our website at www.sac.edu/disted.

SECTION	TIME	DAYS	INSTRUCTOR	LOC./RM.	DATES
PSYCHOLOGY 100					3 UNITS
33420			N. Barberi	Barberi_Nicole@sac.edu	
Telecourse instruction plus 16 required lab hours, one hour per week. Go to www.sac.edu/disted for more information					
SOCIOLOGY 100					3 UNITS
33505			N. Rogers	Rogers_Neal@sac.edu	
Telecourse instruction plus optional on-campus orientation meeting. Saturday, 8/28, 9-10am, SAC A-128 or Wednesday, 9/1, 5-6pm, SAC D-106. Go to www.sac.edu/disted for more information					
SOCIOLOGY 112					3 UNITS
33508			N. Rogers	Rogers_Neal@sac.edu	
Telecourse instruction plus optional on-campus orientation meeting. Saturday, 8/28, 9-10am, SAC A-128 or Wednesday, 9/1, 5-6pm, SAC D-106. Go to www.sac.edu/disted for more information					
SPANISH 102					5 UNITS
33563			J. Galvan	Galvan_Javier@sac.edu	
Telecourse instruction plus mandatory on-campus review sessions: Tuesday, 8/24, 9/14, 10/12, 11/9 & 11/30, 4:30-7pm, SAC D-303. 16 required lab hours, one hour per week. Go to www.sac.edu/disted for more information					

SANTA ANA COLLEGE

TELEVISION COURSES



tobacco-free SAC

SAC IS TOBACCO-FREE

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

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

AlertU

FRESHMAN EXPERIENCE – LEARNING COMMUNITIES AT SANTA ANA COLLEGE

Freshman Experience learning communities are an innovative approach to traditional course offerings, created by linking courses through thematic content, skill development, or a combination of these methods.

Teachers in the linked courses of a Learning Community work as a team, coordinating assignments, exams and other class activities in their specified courses. Students, too, become a team, joining together in a "cohort" or group, to take the linked classes. Recent research suggests that students in learning community classes get to know their teachers and each other better, and they are better able to connect and apply information and learning from one course to another. Participation in learning communities contributes to improved transfer rates, student success and reduced attrition.

Freshman Experience learning communities offer a fresh and exciting way of fulfilling requirements for an AA degree and transfer to Cal State or UC systems.

Other Benefits Include:

- A coordinated work load for classes (assignments and exams).
- Classes that are generally transferable in different categories.
- Opportunities to learn across disciplines.
- Developing lasting friendships and learning from peers in an intimate academic atmosphere.
- Gaining refreshing insights into current schools of thought within traditional disciplines.

Important:

Students are required to enroll in **all** classes within the Freshman Experience cohort. To enroll in this program, students may register on-line, by telephone, or in person. For further information, call the Counseling Center at 714-564-6100.

FRESHMAN EXPERIENCE COURSES — FALL 2010

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
1	33749 English N50 34757 Counseling 107	8:00a-9:25a 10:00a-11:25a	Tu Th Tu Th	Bromberger K Nguyen Thu	B-31 D-214
2	33785 English N60 34755 Counseling 107	10:15a-12:20p 8:30a-9:55a	M W M W	Bassett D Coffman J	I-207 I-202
3	33781 English N60 34758 Counseling 107	8:00a-10:05a 10:15a-11:40a	Tu Th Tu Th	Beyersdorf M Castro R	L-202 I-209
4	33502 English 061 34764 Counseling 107	9:45a-11:50a 8:00a-9:25a	M W M W	Martinez D Lockhart A	D-103 I-108
5	33483 English 061 35176 Speech 101 34763 Counseling 107	11:30a-1:35p 11:00a-12:25p 9:30a-10:55a	Tu Th M W Tu Th	Mitzner R Hondo K Kelley M	D-213 C-202 A-130
6	33471 English 061 34762 Counseling 107	9:30a-11:35a 8:00a-9:25a	Tu Th Tu Th	Huck T Romero A	B-31 I-209
7 PUENTE	33479 English 061 34733 Counseling 107	9:00a-11:05a 9:00a-12:10p	Tu Th F	Martinez D Sanabria R	I-107 A-207
8	33529 English 101 33397 Psych 100 34629 Counseling 116	11:30a-1:35p 9:45a-11:10a 11:00a-12:25p	Tu Th Tu Th M W	Bassett D Ortiz F Gilmour D	D-204 D-106 I-202
9 U-LINK	35306 Geology 101 35310 Geology 101L 34723 Counseling 107	9:45a-11:10a 9:30a-12:40p 12:45p-3:55p	M W F W	Hughes P Hughes P Zook R	R-111 R-111 A-130
10 U-LINK	33226 Chicano Studies 101 34736 Counseling 107	11:30a-12:55p 12:45p-3:55p	Tu Th W	Sanchez G Lockhart A	I-206 I-202

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
11	34260 Math N48 34766 Counseling 107	10:15a-12:20p 8:30a-9:55a	M W M W	Rogers N Castro R	L-203 B-30
12	34258 Math N48 34729 Counseling 107	8:30a-10:35a 11:00a-12:25p	Tu Th Tu Th	Marecek L Robledo R	L-203 B-30
13	34289 Math 060 34767 Counseling 107	9:45a-11:50a 8:00a-9:25a	M W M W	Root A Robledo R	R-113 I-209
14	34281 Math 060 34771 Counseling 107	12:00p-2:05p 10:00a-11:25a	M W M W	Meier K Plum C	H-104 I-209
15	34275 Math 060 34739 Counseling 107	8:00a-10:05a 12:30p-1:55p	M W M W	Sandoval M Blake S	R-318 R-117
16	34404 Math 081 34741 Counseling 107	10:15a-12:45p Weekly Lab attendance required 8:30a-9:55a	Tu Th Tu Th	Everett M Everett K	I-203 I-102

LEARNING COMMUNITIES II

Learning Communities Aren't Just for Freshmen!

Following up on six years of increased students success in Freshman Experience learning communities, Santa Ana College is now offering a new set of learning communities opportunities: Learning Communities II.

Learning Communities II affords innovative approaches to traditional course offerings by creating linked classes in which students and instructors will explore subjects, themes, and academic skills and competencies that are common to both classes.

Note: Students are required to enroll in **all** classes within the Learning Communities II cohort. To enroll in this program, students may **register online or in person**.

For further information, call the Counseling Center at 714-564-6100.

LEARNING COMMUNITIES II — FALL 2010

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
1	35471 Chemistry 209 35471 Chemistry Lab 34768 Counseling 111	9:30a-10:55a 11:30a-2:40p 9:00a-10:50a	M W M F	McMillan J McMillan J Staff	R-126 R-301 R-303
2	35189 Speech 102 34727 Counseling 114	2:00p-4:55p 1:00p-1:50p	W W	Fondren S Bautista S	I-103 I-103
3	36764 Speech 102 35939 Hum. Dev. 114	2:00p-4:55p 1:00p-1:50p	W W	Fondren S Bautista S	I-103 I-103
4 U-LINK	35219 Speech 102 36299 Counseling 111	11:00a-12:25p 12:30p-1:20p	Tu Th Tu	Fondren S Zook R	I-103 I-108

THE HONORS PROGRAM AT SANTA ANA COLLEGE



Experience the advantages of small classes (no more than 18 students), individualized attention from professors and peers, and an enriched academic environment. All honors courses are transferable, require a minimum 3.0 GPA, and carry an advisory reading level of 4. Students need not be in the honors program to take an honors class, and classes may be taken at either college to fulfill honors program requirements. For more information on honors classes or the honors program at SAC, contact Kathy Patterson, 714-564-6528, office D-428, Santa Ana College. You may preregister if you meet the prerequisite requirements.

FALL 2010 HONORS CLASSES:

Anthropology 100H 33221	8:00a-9:25a	M W	Wood S	SAC D-401
Biology 109H 34670	3:30p-4:55p	Tu Th	Escudero L	SAC I-204
English 101H 33726 35587	7:30a-9:35a 10:00a-12:05p	Tu Th Tu Th	Mitzner R Patterson K	SAC D-211 SAC D-107
English 102H 33731	6:00p-10:15p	M	Patterson K	SAC D-109
English 103H 35045	11:30a-1:35p	Tu Th	Bennett G	SAC I-109
Mathematics 219H 34542	12:45p-3:15p	Tu Th	Mc Clure C	SAC A-213
Philosophy 106H 33547	9:45a-11:10a	Tu Th	Shigematsu T	SAC D-105
Political Science 101H 35946	9:45a-11:10a	M W	Andrade P	SAC D-434
Social Science 219H 34550	12:45p-3:15p	Tu Th	Mc Clure C	SAC A-213
Speech Communication 101H 35184	12:30p-1:55p	M W	Hondo K	SAC C-202

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

ACCOUNTING

ACCOUNTING 010, ACCOUNTING PROCEDURES 3 UNITS

This course introduces the students to the accounting cycle; including journal entries, general ledger, the adjustment process and the related financial statements. The course is designed to prepare students for Accounting 101/101H and/or occupations in bookkeeping.

34003	9:30a-10:55a	Tu Th	Gonzalez Del Rio R	SAC A-207	Full Semester
34007	7:00p-10:10p	M	Bloom G	SAC A-205	Full Semester

ACCOUNTING 032, PAYROLL ACCOUNTING FORMERLY: ACCOUNTING FOR PAYROLL, SALES TAX AND WORKER'S COMPENSATION 1 UNIT

This course covers accounting for payroll, and Worker's Compensation. Calculation of payroll, payroll taxes and the related forms and deposit requirements are covered.

34032	7:00p-9:10p	M	Bloom M	SAC A-222	10/18-12/06
-------	-------------	---	---------	-----------	-------------

ACCOUNTING 035, QUICKBOOKS 1.5 UNITS

Preparation of accounting records for a business using the QuickBooks software in the Windows environment. Topics included are set up, accounts receivable, accounts payable, merchandise, payroll, and reports.

34056	11:00a-1:00p	Tu	Shain S	SAC A-222	10/19-12/07
Section 34056 combines mandatory on-campus meetings every Tues, 11:00am-1:00pm, SAC A-222 plus online instruction.					
34052	11:00a-1:00p	Tu	Shain S	SAC A-222	08/24-10/12
Section 34052 combines mandatory on-campus meetings every Tues, 11:00am-1:00pm, SAC A-222 plus online instruction.					
34059	7:00p-10:25p	M	Bloom M	SAC A-222	08/23-10/11

ACCOUNTING 101, FINANCIAL ACCOUNTING 4 UNITS

Financial accounting for the business administration transfer student. The accounting cycle, corporations, financial statements and principles. Accounting for assets, liabilities and stockholder's equity.

36866	TBA		Shain S	SAC WEB	Full Semester
Go to www.sac.edu/disted for more information. When registered, go to http://rscdd.blackboard.com and make sure your current email address is in personal information.					
34087	8:00a-10:05a	Tu	Shain S	SAC A-211	Full Semester
Section 34087 combines mandatory on-campus meetings every Tues, 8:00am-10:05am, SAC A-211 plus online instruction.					
33782	8:00a-12:15p	Sa	Muise M	SAC A-209	Full Semester
34064	8:00a-10:05a	MW	Mitchell E	SAC A-211	Full Semester
34068	9:30a-11:35a	MW	Shain S	SAC A-209	Full Semester
34070	10:15a-12:20p	Tu Th	Mitchell E	SAC A-211	Full Semester
34071	11:15a-1:20p	Tu Th	Trone J	SAC A-209	Full Semester
34079	6:00p-10:15p	M	Mitchell E	SAC A-211	Full Semester
34078	6:00p-9:10p	W	Beck J	SAC A-211	Full Semester
Section 34078 combines mandatory on-campus meetings every Weds, 6:00pm-9:10pm, SAC A-211 plus online instruction.					
34073	6:00p-10:15p	Tu	Bloom G	SAC A-211	Full Semester

ACCOUNTING 102, MANAGERIAL ACCOUNTING 4 UNITS

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.

Prerequisite: Accounting 101 or 101H.

34080	9:00a-11:05a	Tu Th	Trone J	SAC A-209	Full Semester
36460	9:00a-10:55a	W	Trone J	SAC A-207	Full Semester
Section 36460 combines mandatory on-campus meetings every Weds, 9:00am-10:55am, SAC A-207 plus online instruction.					
34083	10:15a-12:20p	MW	Mitchell E	SAC A-211	Full Semester
34085	6:00p-10:15p	Th	Phung T	SAC A-209	Full Semester
34084	6:00p-10:15p	W	Mitchell E	SAC A-209	Full Semester

ACCOUNTING 104, FEDERAL AND CALIFORNIA TAXES 4 UNITS

To teach the preparation of federal and California state income tax returns for the individual. Includes Schedules A, B, C, D, E, and common income adjustments.

34088	TBA		Trone J	SAC WEB	Full Semester
Go to www.sac.edu/disted for more information. When registered, go to http://rscdd.blackboard.com and make sure your current email address is in personal information. This is a CTEC qualifying course.					
34090	6:00p-10:10p	Tu	Matheny R	SAC A-209	Full Semester
This is a CTEC qualifying course.					

ACCOUNTING 105, INTERMEDIATE FEDERAL AND CALIFORNIA TAXES 4 UNITS

This course teaches expanded concepts and regulations pertaining to income tax for individuals, and introduces concepts and regulations pertaining to income tax for corporations and partnerships. It also introduces tax planning and research and deals with special individual income tax issues. Suggested preparation: Accounting 104 or California Tax Education Council Certification.

34091	6:00p-10:15p	Th	Siebert P	SAC A-210	Full Semester
-------	--------------	----	-----------	-----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

ACCOUNTING 160, COMPUTERIZED ACCOUNTING WITH MAS 90 - PART 1 CORE MODULES 3 UNITS

Hands-on training in the use of MAS 90 integrated accounting software, covering setup and transaction processing for the three core modules: General Ledger, Accounts Payable and Accounts Receivable. Suggested preparation: Completion of a basic accounting course or practical accounting experience.

Material Fee(s): \$4

34103	7:00p-10:10p	Tu	Bloom M	SAC A-222	Full Semester
-------	--------------	----	---------	-----------	---------------

ACCOUNTING 170, MICROSOFT DYNAMMICS FOR FINANCIAL ACCOUNTING - CORE MODULES 4 UNITS

Hands-on training in the use of Microsoft Dynamics integrated software, covering setup and transaction processing for the core modules of general ledger, accounts payable, and accounts receivable, and financial reporting for service businesses. Suggested preparation: completion of or current enrollment in Accounting 101.

34104	6:00p-10:15p	M	Phung T	SAC A-108	Full Semester
-------	--------------	---	---------	-----------	---------------

ANTHROPOLOGY

ANTHROPOLOGY 100, INTRODUCTION TO CULTURAL ANTHROPOLOGY 3 UNITS

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.

33214	9:00a-12:10p	F	Evans T	SAC D-401	Full Semester
33213	9:45a-11:10a	MW	Robertson M	SAC D-401	Full Semester
33212	11:30a-12:55p	Tu Th	Robertson M	SAC D-401	Full Semester
33211	7:00p-10:10p	Th	Royston C	SAC D-401	Full Semester
33215	7:00p-10:10p	M	Cundiff W	SAC D-401	Full Semester

ANTHROPOLOGY 100H, HONORS INTRODUCTION TO CULTURAL ANTHROPOLOGY 3 UNITS

Seminar style, content enriched for honors students, to provide a critical and extensive exploration of the major areas of cultural anthropology. Includes contemporary issues such as globalization, gender, and ethnic conflict.

33221	8:00a-9:25a	MW	Wood S	SAC D-401	Full Semester
Section 33221 is linked with English 101H section 35587. Enrollment in both sections is mandatory.					

ANTHROPOLOGY 101, INTRODUCTION TO PHYSICAL ANTHROPOLOGY 3 UNITS

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.

33216	9:45a-11:10a	Tu Th	Robertson M	SAC D-401	Full Semester
33218	11:30a-12:55p	MW	Robertson M	SAC D-401	Full Semester
33217	7:00p-10:10p	Tu	Cundiff W	SAC D-401	Full Semester

ANTHROPOLOGY 101L, PHYSICAL ANTHROPOLOGY LABORATORY 1 UNIT

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.

33219	1:30p-4:40p	Th	Robertson M	SAC D-401	Full Semester
33220	1:30p-4:40p	W	Robertson M	SAC D-401	Full Semester
33224	7:00p-10:10p	W	Robertson M	SAC D-401	Full Semester

ANTHROPOLOGY 104, LANGUAGE AND CULTURE 3 UNITS

General introduction to the processes of human communication. Includes the relationship between language and culture, acquisition of first and second languages, languages in contact, sociolinguistics and the effects of both language and culture on inter/intra group communication. Languages spoken in the local area are used as basis of study. (Same as English 104.)

35177	8:00a-9:25a	Tu Th	Jaros B	SAC I-201	Full Semester
-------	-------------	-------	---------	-----------	---------------

ANTHROPOLOGY 105, ANCIENT MESOAMERICAN CIVILIZATION 3 UNITS

An archeological and ethnohistorical survey of the origin and development of pre-Columbian civilizations in ancient Mesoamerica from Paleo-Indian times to the Spanish conquest. (Same as History 105.)

33222	7:00p-10:10p	Tu	Veyna A	SAC D-212	Full Semester
-------	--------------	----	---------	-----------	---------------

ART

ART 009, ART LAB 0.5 UNIT

An open lab for studio art students devoting additional hours on projects. Projects, determined by class assignments, vary by semester. Twenty-four lab hours per semester earn .5 unit.

Open Entry / Open Exit

34308	9:00a-12:20p	F	Crabb P	SAC C-105	Full Semester
34311	5:00p-6:30p	Tu Th	Orr E	SAC C-210	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
34309	5:15p-6:30p	M W	Orr E	SAC C-210	Full Semester
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>					
34326	TBA		Brown S	SAC WEB	Full Semester
Section 34326 Go to www.sac.edu/disted for more information. Email instructor first week of class.(brown_sharon@sac.edu)					
34313	TBA		Brown S	SAC WEB	Full Semester
Section 34313 Go to www.sac.edu/disted for more information. Email instructor first week of class.(brown_sharon@sac.edu)					
34318	8:00a-9:25a	M W	Leysen M	SAC C-104	Full Semester
34319	8:00a-9:25a	Tu Th	Redfield M	SAC C-104	Full Semester
34325	9:30a-10:55a	M W	Faseler S	SAC C-104	Full Semester
34315	11:00a-12:25p	Tu Th	Redfield M	SAC C-104	Full Semester
34314	12:30p-1:55p	M W	Lee D	SAC C-104	Full Semester
34324	1:00p-2:25p	Tu Th	Faseler S	SAC C-104	Full Semester
34320	6:00p-10:05p	F	Redfield M	SAC C-104	09/10-10/16
	12:30p-4:35p	Sa	Redfield M	SAC C-104	
34316	6:30p-9:40p	M	Soriano I	SAC C-104	Full Semester
ART 101, SURVEY OF WESTERN ART HISTORY: PREHISTORY THROUGH THE MIDDLE AGES 3 UNITS					
<i>The study of art from Prehistory through Middle Ages. Cultures and Civilizations are studied through visual imagery, lecture, class discussion, reading, research and field trips. Recommended sequence of courses: Art 100, Art 101, Art 102.</i>					
34327	6:30p-9:40p	Th	Soriano I	SAC C-207	Full Semester
ART 102, SURVEY OF WESTERN ART HISTORY II: RENAISSANCE THROUGH THE TWENTIETH CENTURY 3 UNITS					
<i>The study of Western art history from the Renaissance through the 20th century. Art movements and individual painters, sculptors, architects and printmakers will be presented within the context of the social, political and intellectual histories of their respective periods. Required for art majors.</i>					
34330	9:30a-10:55a	Tu Th	Soriano I	SAC C-213	Full Semester
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>					
34335	9:30a-10:55a	M W	Soriano I	SAC A-130	Full Semester
34332	11:00a-12:25p	Tu Th	Soriano I	SAC C-213	Full Semester
34334	6:30p-9:40p	W	Soriano I	SAC C-104	Full Semester
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>					
34336	6:30p-9:40p	M	Reiss C	SAC C-213	Full Semester
ART 106, ASIAN ART HISTORY 3 UNITS					
<i>Historical survey of the visual arts of China, Japan, India and Southeast Asia. Includes relationship of Far Eastern philosophy and culture to artistic achievement. Emphasizes works of art, in terms of style, technique and content.</i>					
34337	6:30p-9:40p	Tu	Miura C	SAC C-207	Full Semester
ART 110, TWO-DIMENSIONAL DESIGN 3 UNITS					
<i>Study of the basic terminology and principles of visual organization and color theory. Application of concepts through creative projects. Required for art majors.</i>					
34340	9:15a-11:15a	M	Di Michele D	SAC C-208	Full Semester
	11:25a-12:25p	M	Di Michele D	SAC C-208	
	9:15a-12:25p	W		SAC C-208	
34339	6:30p-8:30p	M	Leysen M	SAC C-208	Full Semester
	8:40p-9:40p	M	Leysen M	SAC C-208	
	6:30p-9:40p	W		SAC C-208	
ART 111, THREE-DIMENSIONAL DESIGN 3 UNITS					
<i>Fundamentals of visual organization as applied to objects in-the-round. Visual space problems, structure and dimensional terminology through creative projects in various media. Required for art majors.</i>					
34342	9:30a-11:30a	Tu	Hassold L	SAC C-106	Full Semester
	11:40a-12:40p	Tu	Hassold L	SAC C-106	
	9:30a-12:40p	Th		SAC C-106	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ART 122, GRAPHIC DESIGN I 3 UNITS					
<i>Introduction to basic graphic design concepts, techniques and practices resulting in the production of effective visual communications. Projects combine text with images, using current industry standards and technology in print media and other design applications. Art 110, 162, 191A, and 192A recommended.</i>					
Prerequisite: Art 195.					
Material Fee(s): \$15					
35207	6:30p-8:30p	Tu	Tani K	SAC A-219	Full Semester
	8:40p-9:40p	Tu	Tani K	SAC A-219	
	6:30p-9:40p	Th		SAC A-219	
.5 hour arranged each week					
ART 124, GALLERY PRODUCTION 2 UNITS					
<i>Instruction in preparation and installation of art exhibits, gallery management, and working on a museum exhibition staff. Includes lectures, visits to artists' studios, and opportunities to work on art shows in two college galleries. Field trips include visits to local galleries and behind-the-scenes museum tours of collections and exhibition preparation areas.</i>					
Open Entry / Open Exit					
34365	TBA		Marquez P	SAC C-101	Full Semester
ART 129, GRAPHIC DESIGN CONCEPTS FOR THE WEB 3 UNITS					
<i>Introduction to Web design. Includes learning technical aspects, file optimization, effects, images, slicing, links, rollovers, and applying the elements and principles of design. Includes creative Web design projects. Photoshop skills highly recommended. (Same as Computer Science 155.)</i>					
Material Fee(s): \$4					
34366	9:00a-11:55a	F	Caterina-Barrett A	DMC-104	Full Semester
	12:00p-1:10p	F	Caterina-Barrett A	DMC-104	
ART 130, INTRODUCTION TO DRAWING 3 UNITS					
<i>Introductory course in expressive drawing, exploring line, form, composition, and a variety of media. Drawing from man-made objects and natural forms. Required for art majors.</i>					
34385	9:30a-11:30a	Tu	Genoway K	SAC C-210	Full Semester
	11:40a-12:40p	Tu	Genoway K	SAC C-210	
	9:30a-12:40p	Th		SAC C-210	
34379	1:00p-3:00p	Tu	Herberg M	SAC C-210	Full Semester
	3:10p-4:10p	Tu	Herberg M	SAC C-210	
	1:00p-4:10p	Th		SAC C-210	
34384	2:00p-4:00p	M	Lee D	SAC C-208	Full Semester
	4:10p-5:10p	M	Lee D	SAC C-208	
	2:00p-5:10p	W		SAC C-208	
34386	6:30p-8:30p	Tu	Hower T	SAC C-210	Full Semester
	8:40p-9:40p	Tu	Hower T	SAC C-210	
	6:30p-9:40p	Th		SAC C-210	
ART 131, BEGINNING LIFE DRAWING 3 UNITS					
<i>Introduction to drawing the human form by observing live models for studies in anatomy, structure, and composition. Exposure to traditional and contemporary figurative drawing while exploring media and methods. Required for art majors. Art 030 or 130 recommended.</i>					
34405	9:00a-11:00a	M	Du Plessis D	SAC C-210	Full Semester
	11:10a-12:10p	M	Du Plessis D	SAC C-210	
	9:00a-12:10p	W		SAC C-210	
ART 132A, BEGINNING PASTEL DRAWING AND PAINTING 3 UNITS					
<i>Development of pastel drawing and painting skills, using various techniques. Strong emphasis on color theory, value, and composition. Preparation of grounds, using various papers. Experimentation in using pastels with other dry and wet media. Study of historical and contemporary pastel styles and techniques.</i>					
Prerequisite: Art 130.					
34407	9:00a-11:00a	F	Hardy K	SAC C-210	Full Semester
	11:10a-3:20p	F	Hardy K	SAC C-210	
ART 132B, INTERMEDIATE PASTEL DRAWING AND PAINTING 3 UNITS					
<i>Intensive exploration of contemporary uses of pastels. Intermediate and advanced projects emphasizing pastel drawing/painting concepts in conjunction with other media. Emphasis on creative, personal expression, content, and style development.</i>					
Prerequisite: Art 132A.					
34412	9:00a-11:00a	F	Hardy K	SAC C-210	Full Semester
	2:00a-3:20p	F	Hardy K	SAC C-210	
ART 140A, WATERCOLOR PAINTING 2 UNITS					
<i>Introduction to watercolor painting as a creative art form with emphasis on transparent watercolor techniques. Course includes principles of composition and color theory, materials selection, tools, terminology and techniques. Students develop basic watercolor skills while painting from simple forms and progressing to a variety of subjects.</i>					
34553	12:45p-1:50	Tu	Orr E	SAC C-208	Full Semester
	2:00p-5:00p	Tu	Orr E	SAC C-208	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

ART 140B, WATERCOLOR PAINTING

2 UNITS

A continuing course in transparent watercolor techniques providing the opportunity to advance the creativity of those with basic skills in watercolor. Further study of formal elements and composition while painting from varied subject matter. Emphasis on refinement of methods and techniques for more expressive painting.

Prerequisite: Art 140A.

34761	12:45p-1:50p	Tu	Orr E	SAC C-208	Full Semester
	2:00p-5:00p	Tu	Orr E	SAC C-208	

ART 141, BEGINNING PAINTING

3 UNITS

Introduction to acrylic and/or water soluble oil painting as a creative art form with exposure to historical, traditional and contemporary painting styles. Course includes principles of composition and color theory, materials selection, tools, terminology, and techniques. Students develop basic skills painting a variety of subjects. Required for art majors. Art 030, 110 and 130 recommended.

34777	2:00p-4:00p	M	Orr E	SAC C-210	Full Semester
	4:10p-5:10p	M	Orr E	SAC C-210	
	2:00p-5:10p	W		SAC C-210	
34770	6:30p-8:30p	M	Orr E	SAC C-210	Full Semester
	8:40p-9:40p	M	Orr E	SAC C-210	
	6:30p-9:40p	W		SAC C-210	

ART 151, CERAMICS-INTRODUCTORY LEVEL

3 UNITS

Exploration of clay as a structural and creative material. Experiences include throwing on the potter's wheel and hand building. Instruction includes surface design, glazing, and experience in utilitarian forms. Students provide clay and tools.

Material Fee(s): \$8

34778	9:00a-10:55a	M	Crabb P	SAC C-105	Full Semester
	11:00a-12:10p	M	Crabb P	SAC C-105	
	9:00a-12:10p	W		SAC C-105	
36193	1:00p-2:55p	M	Crabb P	SAC C-105	Full Semester
	3:00p-4:00p	M	Crabb P	SAC C-105	
	1:00p-4:00p	W		SAC C-105	
34780	7:00p-8:55p	Tu	Crabb P	SAC C-105	Full Semester
	9:00p-10:10p	Tu	Crabb P	SAC C-105	
	7:00p-10:10p	Th		SAC C-105	

ART 152, CERAMICS-INTERMEDIATE THROWING

3 UNITS

Further study of wheel thrown techniques, with an emphasis on functional, utilitarian forms. Students provide own clay and tools.

Prerequisite: Art 151.

Material Fee(s): \$8

34782	9:00a-10:55a	M	Crabb P	SAC C-105	Full Semester
	11:00a-12:10p	M	Crabb P	SAC C-105	
	9:00a-12:10p	W		SAC C-105	

ART 153, CERAMICS-INTERMEDIATE HANDBUILDING

3 UNITS

Further study of handbuilding techniques, with emphasis on one-of-a-kind sculptural forms. Non-traditional alternatives to glazes are explored. Students provide own clay and tools.

Prerequisite: Art 151.

Material Fee(s): \$8

34784	7:00p-8:55p	Tu	Crabb P	SAC C-105	Full Semester
	9:00p-10:10p	Tu	Crabb P	SAC C-105	
	7:00p-10:10p	Th		SAC C-105	

ART 155, PLASTER MOLD MAKING

3 UNITS

Basic aspects of plaster of Paris mold making: production of molds from original models in order to reproduce those models; alteration of those plaster mold castings into a more artistic, personalized imagery.

Prerequisite: Art 151.

Material Fee(s): \$8

36185	1:00p-2:55p	M	Crabb P	SAC C-105	Full Semester
	3:00p-4:10p	M	Crabb P	SAC C-105	
	1:00p-4:10p	W		SAC C-105	
36188	7:00p-8:55p	Tu	Crabb P	SAC C-105	Full Semester
	9:00p-10:10p	Tu	Crabb P	SAC C-105	
	7:00p-10:10p	Th		SAC C-105	

ART 162, DIGITAL DESIGN WITH PHOTOSHOP-I

3 UNITS

An introduction to using Photoshop for Web, print, CD, and 3D. Instruction in capturing, manipulating, and outputting images. Focus on basic skills and techniques for editing and enhancing photographs, manipulating scanned images and creating digital graphics. Application of technology skills using design to create digital composites.

Prerequisite: Art 195 or portfolio approval.

Material Fee(s): \$15

34900	6:30p-8:30p	Tu	Nielsen C	DMC-104	Full Semester
	8:40p-9:40p	Tu	Nielsen C	DMC-104	
	6:30p-9:40p	Th		DMC-104	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

NEW Course!

Art 180 Video Game and Interactive Media Art

- 3 units
- Tu Th 3:00-5:55 p
- Art production for games & interactive media.
- Use digital 3D art for 2D & 3D games.
- For information: Fine & Performing Arts (714) 564-5600

Get in the game!

SANTA ANA COLLEGE

ART 163, DIGITAL DESIGN WITH PHOTOSHOP-II

3 UNITS

Advanced applications of Photoshop to create portfolio work. Instruction techniques for color, restoration, effects. Exploration of 3-D scanning, negative manipulation, and image preparation for print and Web. Research on artist's portfolios.

Prerequisite: Art 162 or portfolio approval.

Material Fee(s): \$15

34911	6:30p-8:30p	Tu	Nielsen C	DMC-104	Full Semester
	8:40p-9:40p	Tu	Nielsen C	DMC-104	
	6:30p-9:40p	Th		DMC-104	

ART 168, DIGITAL MEDIA: PORTFOLIO AND BUSINESS STRATEGIES

3 UNITS

Creation of digital portfolio, career planning and business operations for employment or continued education. Students will identify job markets, define career goals, practice resume, create portfolio for print and/or web, and develop interviewing skills. Includes overview of business requirements for working with customers. Art 162, 191A, 192A, 122 recommended.

Prerequisite: Art 122, 163 ; or portfolio review.

Material Fee(s): \$25

36226	6:30p-8:30p	M	Brown S	DMC-104	Full Semester
	8:40p-9:40p	M	Brown S	DMC-104	
	6:30p-9:40p	W		DMC-104	

ART 180, VIDEO GAME & INTERACTIVE MEDIA ART

3 UNITS

Hands-on overview of art production for games and interactive media. Focus on how to use digital 3D art for 2D and 3D games. Instruction in industry standard graphics software and techniques in art production from concept to finished art assets for games and interactive media.

Prerequisite: Art 195.

Material Fee(s): \$25

36686	3:00p-5:55p	Tu	Staff	SAC A-223	Full Semester
	3:00p-5:55p	Th	Staff	SAC A-223	

ART 185, FUNDAMENTALS OF CARTOONING AND STORYBOARDING

3 UNITS

Introduction to basic cartooning, character development and storyboarding as used in television, film and electronic games. Includes sketching, inking, the development of characters, storyboard development and an overview of cartoon and storyboard history.

35120	9:00a-10:25a	F	Sivertsen K	SAC C-207	Full Semester
	10:30a-12:10p	F	Sivertsen K	SAC C-207	

1.5 hours arranged each week

ART 195, INTRODUCTION TO DIGITAL MEDIA ARTS

3 UNITS

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.

Material Fee(s): \$10

35127	8:00a-10:05a	Tu	Baitoo H	SAC A-219	Full Semester
	8:00a-8:55a	Th	Baitoo H	SAC A-219	
	9:05a-10:05a	Th		SAC A-219	
35133	8:00a-10:05a	M	Caterina-Barrett A	SAC A-219	Full Semester
	8:00a-8:55a	W	Caterina-Barrett A	SAC A-219	
	9:05a-10:05a	W		SAC A-219	
36247	10:30a-12:35p	Tu	Baitoo H	SAC A-219	Full Semester
	10:30a-11:20a	Th	Baitoo H	SAC A-219	
	11:30a-12:35p	Th		SAC A-219	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
35129	3:00p-5:00p	M	Brown S	DMC-104	Full Semester
	3:00p-4:00p	W	Brown S	DMC-104	
	4:10p-5:00p	W		DMC-104	
35131	3:00p-5:05p	Tu	Nielsen C	DMC-104	Full Semester
	3:00p-3:55p	Th	Nielsen C	DMC-104	
	4:05p-5:05p	Th		DMC-104	
35135	3:45p-5:50p	Tu	Brown S	SAC A-219	09/07-12/12
	3:45p-4:45p	Th	Brown S	SAC A-219	
	4:50p-5:50p	Th		SAC A-219	

ART 196A, 3-D MODELING **5 UNITS**
Instruction in digital 3D modeling using 3D Studio Max from introductory to high-intermediate level. Course includes orientation to the software interface, lectures and tutorials on how to build objects using primitives, modifiers, polygonal and Spline modeling methods. Emphasis on practical application in games, architecture, and film. (Same as Television/Video Communications 181).

Prerequisite: Art 195.

Material Fee(s): \$15

35138	6:00p-9:10p	M	Waterman P	SAC A-223	Full Semester
	9:15p-10:15p	M	Waterman P	SAC A-223	
	5:00p-10:15p	W		SAC A-223	

ART 197A, 3-D ANIMATION **5 UNITS**
Instruction in using 3d animation software for the purpose of linear storytelling. Emphasis on the incorporation of the classic principles of animation, and in learning the core components of the software that are necessary for effective visual communication. (Same as Television/Video Communications 185.)

Prerequisite: Art 196A or Television/Video Communications 181.

35202	6:00p-9:10p	Tu	Waterman P	SAC A-223	Full Semester
	9:15p-10:15p	Tu	Waterman P	SAC A-223	
	6:00p-10:15p	Th		SAC A-223	

1 hour arranged each week

ART 221, GRAPHIC DESIGN II **3 UNITS**
Intermediate level study of concepts in graphic design to assist the artist/designer in formulating aesthetic and purposeful visual communications, from roughs through finished art. Creative development of solutions to problems in common print media and other design applications. Explores the combination of images and text, using hand skills, digital technology and current graphics industry standards and practices.

Prerequisite: Art 122.

Material Fee(s): \$15

35208	6:30p-8:30p	Tu	Tani K	SAC A-219	Full Semester
	8:40p-9:40p	Tu	Tani K	SAC A-219	
	6:30p-9:40p	Th		SAC A-219	

ART 230, INTERMEDIATE DRAWING **3 UNITS**
Continued study in drawing with additional opportunities in graphic expression. Further exploration of media, including colored pencils, oil pastel, charcoal and mixed media. Continuation of composition concepts with emphasis on individual expression.

Prerequisite: Art 030 or 130.

35223	9:30a-11:30a	Tu	Genoway K	SAC C-210	Full Semester
	11:40a-12:40p	Tu	Genoway K	SAC C-210	
	9:30a-12:40p	Th		SAC C-210	
35212	1:00p-3:00p	Tu	Herberg M	SAC C-210	Full Semester
	3:10p-4:10p	Tu	Herberg M	SAC C-210	
	1:00p-4:10p	Th		SAC C-210	
35217	2:00p-4:00p	M	Lee D	SAC C-208	Full Semester
	4:10p-5:10p	M	Lee D	SAC C-210	
	2:00p-5:10p	W		SAC C-210	
35230	6:30p-8:30p	Tu	Hower T	SAC C-210	Full Semester
	8:40p-9:40p	Tu	Hower T	SAC C-210	
	6:30p-9:40p	Th		SAC C-210	

ART 231, INTERMEDIATE LIFE DRAWING **3 UNITS**
Continued experience in drawing from the live model with opportunity for development of self-expression. Further exploration of media and techniques. Projects vary each semester.

Prerequisite: Art 131.

35267	9:00a-11:00a	M	Du Plessis D	SAC C-210	Full Semester
	11:10a-12:10p	M	Du Plessis D	SAC C-210	
	9:00a-12:10p	W		SAC C-210	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ART 232, ADVANCED LIFE DRAWING 3 UNITS					
<i>Intensive study of the figure with further development of drawing skills, composition, techniques and media utilizing the live model. Projects vary each semester.</i>					
Prerequisite: Art 231.					
35269	9:00a-11:00a	M	Du Plessis D	SAC C-210	Full Semester
	11:10a-12:10p	M	Du Plessis D	SAC C-210	
	9:00a-12:10p	W	Du Plessis D	SAC C-210	

ART 233, ADVANCED DRAWING **3 UNITS**
To further develop individual graphic expression, students will plan a series of drawing problems to be executed during the semester under the instructor's direction. Exploration of new materials and techniques. Field trips to professional artists studios, galleries, and museums.

Prerequisite: Art 230.

35275	9:30a-11:30a	Tu	Genoway K	SAC C-210	Full Semester
	11:40a-12:40p	Tu	Genoway K	SAC C-210	
	9:30a-12:40p	Th		SAC C-210	
35271	1:00p-3:00p	Tu	Herberg M	SAC C-210	Full Semester
	3:10p-4:10p	Tu	Herberg M	SAC C-210	
	1:00p-4:10p	Th		SAC C-210	
35274	2:00p-4:00p	M	Lee D	SAC C-208	Full Semester
	4:10p-5:10p	M	Lee D	SAC C-210	
	2:00p-5:10p	W		SAC C-210	
35276	6:30p-8:30p	Tu	Hower T	SAC C-210	Full Semester
	8:40p-9:40p	Tu	Hower T	SAC C-210	
	6:30p-9:40p	Th		SAC C-210	

ART 234, INTRODUCTION TO MIXED MEDIA **3 UNITS**
Introduction to the use of mixed media. Collage, bookworks, assemblage will be explored through a series of studio projects. Visitations to studios and galleries.

Prerequisite: Art 110 or 130.

35390	9:30a-11:30a	Tu	Hassold L	SAC C-106	Full Semester
	11:40a-12:40p	Tu	Hassold L	SAC C-106	
	9:30a-12:40p	Th		SAC C-106	

ART 240, INTERMEDIATE WATERCOLOR **2 UNITS**
An intermediate level course providing for continuing development of watercolor painting skills. Further refinement of media, technique and expression of style through more advanced painting projects. Subject matter content includes still life, landscape, figurative studies, abstraction and individual creative expression. Traditional and non-traditional approaches.

Prerequisite: Art 140B.

35391	12:45p-1:50p	Tu	Orr E	SAC C-208	Full Semester
	2:00p-5:00p	Tu	Orr E	SAC C-208	

ART 241, INTERMEDIATE PAINTING **3 UNITS**
An intermediate level class designed to promote and advance the creative development of those with basic skills in water-soluble oil and/or acrylic painting. Opportunity for further study of historical and contemporary references and to increase experience with new media, methods and techniques. Emphasis on artistic expression and individual creative problems.

Prerequisite: Art 141.

35401	2:00p-4:00p	M	Orr E	SAC C-210	Full Semester
	4:10p-5:10p	M	Orr E	SAC C-210	
	2:00p-5:10p	W		SAC C-210	
35398	6:30p-8:30p	M	Orr E	SAC C-210	Full Semester
	8:40p-9:40p	M	Orr E	SAC C-210	
	6:30p-9:40p	W		SAC C-210	

ART 242, ADVANCED PAINTING **3 UNITS**
An advanced level studio course providing opportunity for further refinement of painting skills with increasing exposure to contemporary styles. Emphasis on research and individual creative problems in painting. Exploration into a personal mode of expression through development of media, technique and style. Classroom studio use of oils limited to water-soluble oil paint only.

Prerequisite: Art 241.

35410	2:00p-4:00p	M	Orr E	SAC C-210	Full Semester
	4:10p-5:10p	M	Orr E	SAC C-210	
	2:00p-5:10p	W		SAC C-210	
35407	6:30p-8:30p	M	Orr E	SAC C-210	Full Semester
	8:40p-9:40p	M	Orr E	SAC C-210	
	6:30p-9:40p	W		SAC C-210	

ART 250, ADVANCED STUDIO CONCEPTS **3 UNITS**
Intensive study in visual arts for majors with studio emphasis. Exposure to contemporary art directions, trends and job markets. Different studio problems each semester.

35442	9:00a-11:00a	M	Crabb P	SAC C-106	Full Semester
	11:10a-12:10p	M	Crabb P	SAC C-106	
	9:00a-12:10p	W		SAC C-106	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
35418	9:00a-11:00a 11:10a-12:10p	M	Du Plessis D	SAC C-210	Full Semester
	9:00a-12:10p	W	Du Plessis D	SAC C-210	
35423	9:00a-11:00a 11:10a-12:10p	F	Hardy K	SAC C-210	Full Semester
	12:30p-3:40p	F	Hardy K	SAC C-210	
35416	9:30a-11:30a 11:40a-12:40p	Tu	Hassold L	SAC C-106	Full Semester
	9:30a-12:40p	Th	Hassold L	SAC C-106	
36198	12:45p-2:45p 2:55p-5:00p	Tu	Orr E	SAC C-208	Full Semester
			Orr E	SAC C-208	
			2 hours arranged each week		
35586	1:00p-3:00p 3:10p-4:10p	Tu	Herberg M	SAC C-210	Full Semester
	1:00p-4:10p	Th	Herberg M	SAC C-210	
35439	2:00p-4:00p 4:10p-5:10p	M	Orr E	SAC C-210	Full Semester
	2:00p-5:10p	W	Orr E	SAC C-210	
36196	6:00p-8:00p 8:15p-10:15p	Th	Monroe J	SAC C-106	Full Semester
		Th	Monroe J	SAC C-106	
			2 hours arranged each week		
35426	6:30p-7:25p 7:30p-9:40p	M W	Orr E	SAC C-210	Full Semester
	7:00p-7:55p 8:00p-10:10p	Tu Th	Orr E	SAC C-210	
35585			Crabb P	SAC C-105	Full Semester
			Crabb P	SAC C-105	

ART 268, DIGITAL MEDIA PRACTICUM **3 UNITS**
Students work in teams to design, organize, and produce digital media projects for clients. Practical work experience in different production team roles: project leader, music designer, graphic designer, video producer/editor, print and web designers. Projects provide students with work for their portfolios. (Same as Music 268, Television/Video Communications 268.)
 Prerequisite: Art 168.

36227	6:30p-9:40p 6:30p-9:40p	M W	Brown S	DMC-104	Full Semester
			Brown S	DMC-104	

ART 285, INTRODUCTION TO ENAMELING-JEWELRY **2 UNITS**
An introduction to basic jewelry enameling, including some sawing, filing, and metal forming fabrication with emphasis on color and attention to two dimensional design. Emphasis is on enameling on sheet metal and some cloisonne. Students supply their own enamel and metal.
Material Fee(s): \$25

36202	6:00p-6:55p 7:00p-10:15p	Th Th	Monroe J	SAC C-106	Full Semester
			Monroe J	SAC C-106	

2 hours arranged each week

ASTRONOMY

ASTRONOMY 109, INTRODUCTION TO THE SOLAR SYSTEM **3 UNITS**
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.

34368	11:00a-12:25p	Tu Th	Mayo W	SAC R-114	Full Semester
34367	11:10a-12:35p	M W	Eastmond T	SAC R-128	Full Semester

ASTRONOMY 110, INTRODUCTION TO STARS AND GALAXIES **3 UNITS**
Surveys the development of astronomy, current research and observations of stars, galaxies and large-scaled structures in the universe. Exploration of light and gravity to understand the properties and evolution of stars, neutron stars, black holes, galaxies and the universe structures and changes.

34370	1:00p-2:25p	Tu Th	Kalko J	SAC R-124	Full Semester
34373	1:15p-4:25p	W	Mayo W	SAC R-318	Full Semester
34372	7:00p-10:10p	W	Staff	SAC R-128	Full Semester

ASTRONOMY 140, ASTRONOMY LABORATORY **1 UNIT**
Utilizes experimental techniques to explore and comprehend properties and motions of celestial objects. Basic naked-eye, binocular and small telescope observing techniques will be introduced. Field trips to local planetaria and dark sky locations may be included.

34374	1:15p-4:25p	Tu	Budarz T	SAC R-328	Full Semester
-------	-------------	----	----------	-----------	---------------

AUTOMOTIVE TECHNOLOGY

AUTOMOTIVE TECHNOLOGY 002, ESSENTIALS **3 UNITS**
Intended for automotive majors. Introduction to basic practical applications of technology required for advanced-level courses. Theory, parts nomenclature, and description of systems are emphasized.

35680	9:00a-12:10p	F	Wilkes D	SAC J-115	Full Semester
35681	5:00p-6:25p	M W	Serrano, Jr. M	SAC J-115	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
AUTOMOTIVE TECHNOLOGY 003, INTRODUCTION TO DIESEL/HYBRID VEHICLES 2 UNITS					
<i>This course will present an introduction and overview of the Diesel, Hybrid, and Alternative Fuel Systems used on modern vehicles. System components and terminology, and job safety and skills will be emphasized.</i>					
35682	4:00p-6:40p	Tu	Serrano, Jr. M	SAC J-115	09/07-11/23
AUTOMOTIVE TECHNOLOGY 006, AUTOMOTIVE MAINTENANCE 4 UNITS					
<i>Introduces basic maintenance procedures in the areas of engines, drive lines, and electrical systems. This course is recommended for consumers and students interested in entering the automotive repair field. Students furnish hand tools and safety equipment.</i>					
35683	12:30p-4:10p	M W	Wilkes D	SAC J-115	Full Semester
AUTOMOTIVE TECHNOLOGY 008, OXYACETYLENE-ARC WELDING 3 UNITS					
<i>Technical knowledge and basic skills needed for occupational oxyacetylene and arc welding processes and applications. Students must furnish safety equipment. (Same as Diesel 008 and Welding 008.)</i>					
35685	8:00a-11:30a	Tu Th	Moreno G	SAC K-101	Full Semester
35686	6:00p-9:30p	Tu Th	Moreno G	SAC K-101	Full Semester
AUTOMOTIVE TECHNOLOGY 022, ELECTRONICS FUNDAMENTALS 5 UNITS					
<i>Introduction to the basic operating principles of electrical and electronic devices used in motor vehicles. Suggested preparation: Automotive Technology 002 or 006. (Same as Diesel 022.)</i>					
35687	6:30p-10:40p	Tu Th	Hammonds E	SAC J-102	Full Semester
AUTOMOTIVE TECHNOLOGY 024, ELECTRICAL SYSTEMS 5 UNITS					
<i>Theory, operation, diagnosis and maintenance of the following systems and components: batteries, cranking, charging, lighting, instrument, and accessory circuits. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006, and 022.</i>					
35688	8:00a-12:05p	M W	Hammonds E	SAC J-102	Full Semester
AUTOMOTIVE TECHNOLOGY 032, TUNE-UP 5 UNITS					
<i>Tune-up procedures, including fuel, ignition, oscilloscope, emission control, and computer systems. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006.</i>					
35689	6:30p-10:45p	M W	Wilkes D	SAC J-102	Full Semester
AUTOMOTIVE TECHNOLOGY 054, FRONT ENDS 4.5 UNITS					
<i>Designed to instruct the student in the operation and service of the following: steering, suspension systems and wheel alignment procedures. Suggested preparation: Automotive Technology 002 or 006.</i>					
35690	8:00a-12:15p	Tu Th	Serrano, Jr. M	SAC J-115	Full Semester
AUTOMOTIVE TECHNOLOGY 072, GENERAL AUTOMOTIVE ENGINE SERVICE 4.5 UNITS					
<i>The course deals with the diagnosis and service of modern automotive engines and accessories. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006. (may be taken concurrently.)</i>					
35691	6:30p-10:40p	M W	Serrano, Jr. M	SAC J-115	Full Semester
AUTOMOTIVE TECHNOLOGY 083, AUTOMOTIVE LAB SCOPES 3 UNITS					
<i>This course covers the use of automotive lab scopes for analyzing modern vehicles. Test procedures will be emphasized. Suggested preparation: Automotive Technology 002 or 006 and 032 or one year tune-up related trade experience. The use of San Tools will also be covered.</i>					
35692	5:00p-6:25p	Tu Th	Hammonds E	SAC J-102	Full Semester
AUTOMOTIVE TECHNOLOGY 086, ADVANCED CLEAN AIR CAR COURSE 2 UNITS					
<i>This is a Bureau of Automotive Repair certified course. It is designed to provide advanced diagnostic training for smog licensed technicians. This course is required before taking the Smog License Renewal or initial smog exam. Suggested preparation: Automotive Technology 032 or a California Smog License.</i>					
W 36393	6:00p-10:15p	F	Wilkes D	SAC J-102	08/27-10/15

BANKING

BANKING 010, TELLER TRAINING FOR FINANCIAL INSTITUTIONS **2 UNITS**
Course provides prospective bank employees with a broad overview of financial institutions and basic knowledge of teller techniques including bank transactions and customer service.

W 33784	9:00a-2:50p	Sa	Trabant T	SAC A-207	10/23-12/04
W 33783	9:00a-2:50p	Sa	Trabant T	SAC A-207	08/28-10/02

Academic Planning Questions?

www.sac.edu/online_counseling

ALL BIOLOGY CLASSES FIRST CLASS MEETING

Students who do not attend the FIRST LABORATORY session may be DROPPED from the roll sheet. A new lab manual is required for the first laboratory session.

BIOLOGY

BIOLOGY 109, FUNDAMENTALS OF BIOLOGY

3 UNITS

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.

34668	TBA		Mansfield P	SAC WEB	Full Semester
Section 34668 Go to www.sac.edu/disted for more information. Email instructor first week of class (mansfield_patricia@sac.edu).					
34390	TBA		Rourke M	SAC WEB	Full Semester
Section 34390 Go to www.sac.edu/disted for more information. Email instructor first week of class (rourke_michael@sac.edu).					
34375	8:00a-9:25a	MW	Lopez J	SAC R-124	Full Semester
34389	9:00a-12:10p	Sa	Takahashi M	SAC R-128	Full Semester
34382	9:30a-10:55a	MW	Goldmann D	SAC R-128	Full Semester
34387	12:15p-3:25p	F	Nguyen P	SAC R-124	Full Semester
34388	1:15p-4:25p	Tu	Allen R	SAC R-128	Full Semester
34383	7:00p-10:10p	M	Goldmann D	SAC R-124	Full Semester

BIOLOGY 109H, HONORS FUNDAMENTALS OF BIOLOGY

3 UNITS

Traditional Biology, enriched by extensive instructor-prepared study guides for each subject area of curriculum. Additional enhancement by outside reading suggestions and optional student reports. Class participation and discussion is strongly encouraged, as are questions on current reports and news in the popular media and scientific sources. Information will be expanded by reference to research observations and by appropriate references to classical and current literature. Emphasis is on analysis of pertinent topics using critical reading and interpretation skills. Concurrent enrollment in Biology 109L is recommended. Designed for non-biology majors.

34670	3:30p-4:55p	Tu Th	Escudero L	SAC I-204	Full Semester
-------	-------------	-------	------------	-----------	---------------

BIOLOGY 109L, FUNDAMENTALS OF BIOLOGY LABORATORY

1 UNIT

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.

34700	8:00a-11:10a	F	Sanchez S	SAC R-202	Full Semester
34707	10:00a-1:10p	W	Backey J	SAC R-202	Full Semester
34686	10:00a-1:10p	Tu	Sanchez S	SAC R-202	Full Semester
34682	10:00a-1:10p	M	Boyd D	SAC R-202	Full Semester
34692	11:00a-2:10p	Th	Escudero L	SAC R-202	Full Semester
34671	11:30a-2:40p	F	Boyd D	SAC R-202	Full Semester
34705	12:30p-3:40p	Sa	Morales D	SAC R-202	Full Semester
34684	2:30p-5:40p	M	Escudero L	SAC R-202	Full Semester
34687	3:00p-6:10p	Tu	Patel D	SAC R-202	Full Semester
34701	3:30p-6:40p	F	Boyd D	SAC R-202	Full Semester
34694	7:00p-10:10p	W	Sharar E	SAC R-202	Full Semester
34689	7:00p-10:10p	Tu	Deleon J	SAC R-202	Full Semester
34699	7:00p-10:10p	Th	Shimano B	SAC R-202	Full Semester

BIOLOGY 139, HEALTH MICROBIOLOGY

4 UNITS

Presents practical and theoretical aspects of medical microbiology to meet the needs of those in allied health professions. Provides basic knowledge of the microbial world by covering diversity, structure, metabolic and genetic characteristics, cultivation and control. Emphasis is placed on human-microbe interactions especially infectious diseases. Laboratory deals with identification, growth, and control of microorganisms. Prior completion of Biology 109 or 149 recommended.

Material Fee(s): \$15

34984	5:30p-6:55p	Tu Th	Oertel P	SAC R-128	Full Semester
	7:15p-9:20p	Tu Th	Oertel P	SAC R-226	
34979	5:30p-6:55p	Tu Th	Oertel P	SAC R-128	Full Semester
	12:00p-2:05p	Tu Th <td>Oertel P <td>SAC R-226</td> <td></td> </td>	Oertel P <td>SAC R-226</td> <td></td>	SAC R-226	
34982	5:30p-6:55p	Tu Th	Oertel P	SAC R-128	Full Semester
	2:30p-4:35p	Tu Th <th>Oertel P</th> <th>SAC R-226</th> <td></td>	Oertel P	SAC R-226	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

BIOLOGY 149, HUMAN ANATOMY AND PHYSIOLOGY

4 UNITS

Human anatomy and physiology stressing the interrelationships between normal structure and function. Designed for students in the allied health sciences, particularly those desiring the two-year RN degree. May not meet requirements for physical education or BSN majors.

34985	6:00p-9:10p	Tu	Cast S	SAC R-124	Full Semester
	9:00a-12:10p	Th	Hampton J	SAC R-201	
34986	6:00p-9:10p	Tu	Cast S	SAC R-124	Full Semester
	7:00p-10:10p	Th	Cast S	SAC R-201	

BIOLOGY 200, ENVIRONMENT OF MAN

3 UNITS

A biological and physical science introduction to environmental problems such as energy, resources, pollution, land use, population and food, including economic and political factors. A natural science elective. (Same as Environmental Studies 200 and Science 200.)

34987	7:00p-10:10p	Tu	Chlup I	SAC R-228	Full Semester
-------	--------------	----	---------	-----------	---------------

BIOLOGY 211, CELLULAR AND MOLECULAR BIOLOGY

5 UNITS

An investigation into the molecular and cellular basis of life, including the evolution of cells, cell structure and function, energy and information flow, cellular reproduction, genetics, and the molecular basis of inheritance. Required of majors in Biology, Medicine, Forestry, and Agriculture. This course is a prerequisite for Biology 212 and Biology 214. Prior completion of Chemistry 119 or 209 or equivalent recommended.

Prerequisite: Mathematics 080 or 081 with a grade of C or better.

35643	8:00a-9:25a	Tu Th	Lopez J	SAC I-204	Full Semester
	9:45a-12:50p	Tu Th <th>Lopez J</th> <th>SAC R-219</th> <td></td>	Lopez J	SAC R-219	
35639	4:30p-5:55p	Tu Th	Lui A	SAC R-124	Full Semester
	6:15p-9:20p	Tu Th <th>Lui A</th> <th>SAC R-219</th> <td></td>	Lui A	SAC R-219	
35640	4:30p-5:55p	Tu Th	Lui A	SAC R-124	Full Semester
	1:15p-4:20p	Tu Th <th>Lopez J</th> <th>SAC R-219</th> <td></td>	Lopez J	SAC R-219	

BIOLOGY 212, ANIMAL DIVERSITY AND ECOLOGY

5 UNITS

A study of ecological principles, and relationships between animal diversity and ecosystems. Habitat, populations, ecological interactions, and environmental influences are stressed while surveying animal diversity and addressing structure, function, behavior, and adaptation of major taxonomic groups. Required of majors in biology, medicine, forestry and agriculture. Field trips required.

Prerequisite: Biology 211 with a grade of C or better.

35645	12:00p-1:25p	MW	Beltran J	SAC I-101	Full Semester
	1:40p-4:45p	MW	Beltran J	SAC R-228	

BIOLOGY 217, PATHOPHYSIOLOGY

2 UNITS

Covers dynamic aspects of human disease. Links sciences of anatomy, physiology and biochemistry with their application to clinical practice for health professionals.

Prerequisite: Biology 149, 239 or 249.

35664	1:00p-3:05p	W	Staff	SAC R-201	08/23-12/12
-------	-------------	---	-------	-----------	-------------

BIOLOGY 229, GENERAL MICROBIOLOGY

5 UNITS

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.

Prerequisite: Biology 109/109H and 109L, or 139, or 149, or 211 or Chemistry 119 or 209.

Material Fee(s): \$20

34997	1:00p-2:25p	MW	Takahashi M	SAC R-128	Full Semester
	6:30p-9:35p	MW	Morales D	SAC R-226	
34995	1:00p-2:25p	MW	Takahashi M	SAC R-128	Full Semester
	3:00p-6:10p	MW	Takahashi M	SAC R-226	
34996	1:00p-2:25p	MW	Takahashi M	SAC R-128	Full Semester
	9:00a-12:05p	MW	Foley D	SAC R-226	

BIOLOGY 239, GENERAL HUMAN ANATOMY

4 UNITS

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.

35009	TBA		Mansfield P	SAC WEB	Full Semester
	3:00p-6:10p	F	Johnson R	SAC R-201	

Section 35009 will specifically utilize cadaver demonstration/dissection instead of cats.

Online instruction plus mandatory on campus lab meetings every Fri, 3:00p-6:10p.

Go to www.sac.edu/disted for more information.

Email instructor first week of class (mansfield_patricia@sac.edu).

35001	8:30a-11:40a	Sa	Dibernardo L	SAC R-124	Full Semester
	8:30a-11:40a	F	Dibernardo L	SAC R-219	
35003	8:30a-11:40a	Sa	Dibernardo L	SAC R-124	Full Semester
	12:30p-3:40p	Sa	Dibernardo L	SAC R-201	
35004	8:30a-11:40a	Sa	Dibernardo L	SAC R-124	Full Semester
	6:30p-9:40p	F	Johnson R	SAC R-201	
34998	10:00a-11:25a	MW	Hampton J	SAC R-124	Full Semester
	1:00p-4:10p	M	Hampton J	SAC R-201	
34999	10:00a-11:25a	MW	Hampton J	SAC R-124	Full Semester
	4:30p-7:40p	M	Botkin M	SAC R-201	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
35006	10:00a-11:25a M W 9:00a-12:10p F		Hampton J Johnson R	SAC R-124 SAC R-201	Full Semester
Section 35006 will specifically utilize cadaver demonstration/dissection instead of cats.					
35005	10:00a-11:25a M W 1:00p-4:10p Tu		Hampton J Hampton J	SAC R-124 SAC R-201	Full Semester
35000	10:00a-11:25a M W 9:00a-12:10p Tu		Hampton J Patel D	SAC R-124 SAC R-201	Full Semester

BIOLOGY 249, HUMAN PHYSIOLOGY

4 UNITS

Microscopic, macroscopic and dynamic view of the human physiological processes. The lecture portion includes a thorough consideration of both "cell and systems" physiology. Laboratory work includes the use of techniques used in basic research, an introduction to the use of standard medical equipment and the performance of medical laboratory tests. Non-invasive experiments are performed on students enrolled in the class.

Prerequisite: Biology 239 or similar Human Anatomy course.

35018	1:15p-4:25p M 2:30p-5:40p W		Mansfield P Mansfield P	SAC R-124 SAC R-219	Full Semester
35013	1:15p-4:25p M 6:00p-9:10p W		Mansfield P Backey J	SAC R-124 SAC R-219	Full Semester
35015	1:15p-4:25p M 10:00a-1:10p W		Mansfield P Mansfield P	SAC R-124 SAC R-219	Full Semester

BUSINESS

BUSINESS 080, BUSINESS MATHEMATICS

3 UNITS

Business math applications including review of fractions, decimals, percents, banking, discounts, markups, payroll, interest calculation, installment buying, mortgages, depreciation, taxes, insurance, stocks, bonds and mutual funds.

34106	7:00p-10:10p Th		Eskow S	SAC A-222	Full Semester
-------	-----------------	--	---------	-----------	---------------

BUSINESS 100, FUNDAMENTALS OF BUSINESS

3 UNITS

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.

34107	TBA		Grant M	SAC WEB	Full Semester
Section 34107 Go to www.sac.edu/disted for more information. Email instructor first week of class. (grant_madeline@sac.edu)					
34108	11:30a-12:50p		Doolittle G	SAC A-203	Full Semester
Section 34108 combines mandatory on-campus meetings every Thurs, 11:30am-12:50pm, SAC A-203 plus online instruction.					
34109	8:00a-9:25a Tu Th		Grant M	SAC A-203	Full Semester
34110	9:45a-11:20a M W		Doolittle G	SAC A-203	Full Semester

BUSINESS 101, BUSINESS LAW

3 UNITS

Legal fundamentals important in commerce and personal business transactions. Includes a study of types of law, the courts, torts, contracts, sales and commercial paper.

34112	7:00p-10:10p M		Mallory C	SAC A-203	Full Semester
-------	----------------	--	-----------	-----------	---------------

BUSINESS 103, COOPERATIVE WORK EXPERIENCE EDUCATION- OCCUPATIONAL

1 - 4 UNITS

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.

Open Entry / Open Exit

34116	TBA		Negrete T	SAC A-107-5	Full Semester
Orientation Wednesday, August 25, 12:00pm-12:50pm OR 6:00pm-6:50pm, SAC A-104.					

BUSINESS 105, LEGAL ENVIRONMENT OF BUSINESS

3 UNITS

A study of the courts, torts (including product liability), crimes, contracts, employment, partnerships, corporations, government regulation, and international law.

34117	TBA		Manzano F	SAC WEB	Full Semester
Go to www.sac.edu/disted for more information. Email instructor first week of class. (Manzano_Rick@sac.edu)					
34118	9:45a-11:20a		Doolittle G	SAC A-203	Full Semester
Section 34118 combines mandatory on-campus meetings every Thurs, 9:45am-11:20am, SAC A-203 plus online instruction.					
34119	8:00a-9:25a M W		Doolittle G	SAC A-203	Full Semester
34121	11:30a-12:55p M W		Manzano F	SAC A-203	Full Semester
34123	7:00p-10:10p Th		Mills L	SAC A-130	Full Semester
34122	7:00p-10:10p W		Mills L	SAC A-130	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

New Courses in Business



ACCT 102	Managerial Accounting – Hybrid
ACCT 170	Microsoft Dynamics for Financial Acct – Core
ACCT 171	Microsoft Dynamics for Managerial Acct (Spring 2011)
BA 198	Microsoft OneNote & Google Apps.
CMPR 134C	Windows 7
CMPR 198	Advanced Java
CMPR 244	Microsoft Exchange Server
ENGR 165	Introduction to Energy
ENGR 175	Introduction to Energy Analysis

New Courses and Certificate Program in Microsoft Dynamics and Entrepreneurship
Entrepreneurship and Paralegal have Fast Track programs
Check out the NEW Hybrid Classes in all Business Programs

BUSINESS 106, CULTURE AND INTERNATIONAL BUSINESS- KISS, BOW OR SHAKE HANDS

3 UNITS

An introduction to different cultures and their effects on international business. Analysis of cross-cultural attitudes towards management, status, rules, relationships, motivating employees and negotiation.

34124	11:30a-12:50p		Grant M	SAC A-203	Full Semester
Section 34124 combines mandatory on-campus meetings every Tues, 11:30am-12:50pm, SAC A-203 plus online instruction.					

BUSINESS 110, EXPORT PRICING, QUOTATIONS AND TERMS OF SALE

1 UNIT

Learn how to respond to trade inquiries. Learn international trade terms of sale, international pricing and supply chain management. Learn how to calculate landed costs and export pricing.

34125	6:00p-10:00p Tu		Grant M	SAC A-203	08/24-09/14
-------	-----------------	--	---------	-----------	-------------

BUSINESS 111, INTERNATIONAL BUSINESS DOCUMENTATION-BEGINNING

1 UNIT

Learn how to create and issue international documents used in selling or buying products. Includes the creation and use of actual documents used in international business.

34126	6:00p-10:00p Tu		Grant M	SAC A-203	09/21-10/12
-------	-----------------	--	---------	-----------	-------------

BUSINESS 113, INTERNATIONAL TRANSPORTATION

1 UNIT

Learn how to ship products internationally and develop a transportation strategy. Includes transportation terminology, the role of the freight forwarder, transportation documentation, freight cost calculations, major ports of the world and distribution issues.

34127	6:00p-10:00p Tu		Shweiri G	SAC A-203	10/19-11/09
-------	-----------------	--	-----------	-----------	-------------

Santa Ana College

Looking for a paid internship?

Earn while you learn!

Disney College Program

In partnership with Santa Ana College

On-campus presentations will be held during the Fall semester. Dates and times will be posted throughout the campus.



For more information, contact division office at: 714-564-6750 or visit our website at: www.mickeysac.org

Discover why the Disney College Program Internship is an opportunity you just can't afford to miss!

Disney interns can:

- Take classes for academic credit at SAC
- Network with Disneyland leaders
- Work for one of the most admired companies in the world
- Attend Cast Member-exclusive events
- Receive theme park admission and select discounts

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

EARN UP TO 16 UNITS OF CREDIT ON YOUR JOB Cooperative Work Experience

Paid or volunteer supervised employment designed for students who are training on their current worksite for upward mobility or those working on non-paid worksites to acquire entry-level occupational training. If you have any questions, call 714-564-6750.

- CSU transferable as electives.
- Must be working in a paid or volunteer position.
- Students must attend one orientation meeting—see below.
- Must be enrolled in 7 units minimum (including work experience units).

ORIENTATION MEETINGS

Attend orientation meetings at the college where enrolled. To complete paperwork, weekly class times are the same as for orientations.

SAC: Wednesday, August 25, 12:00–12:50pm or 6:00–6:50pm in SAC A-104

OCCUPATIONAL WORK EXPERIENCE

Every major enrolls in Business 103

For students who are gaining experience on their current worksite through paid or volunteer employment. These are occupational jobs which relate to the student's major. All questions will be answered and paperwork distributed at orientation meetings. Amount of credit given each semester is 1 unit of credit for 5 hours worked weekly, 2 units of credit for 10 hours worked weekly, 3 units of credit for 15 hours worked weekly, and 4 units of credit for 20 hours worked weekly throughout the semester. Maximum of 4 units of credit each semester. Limit 16 units in Occupational Work Experience courses.

Work Experience also available in Computer Science and Paralegal.

BUSINESS 114, INTERNATIONAL DOCUMENTATION AND SUPPLY CHAIN MANAGEMENT

1 UNIT

International documents for product inspection, health/agricultural registrations and hazardous materials shipments. Utilizes actual documents, software and resources necessary to effectively complete documentation. Introduces the need for supply chain management and inventory control.

34135	6:00p-10:00p	Tu	Shweiri G	SAC A-203	11/16-12/07
-------	--------------	----	-----------	-----------	-------------

BUSINESS 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 Management 120.)

34136	11:30a-12:55p	Tu Th	Koenig R	SAC A-207	Full Semester
34137	7:00p-10:10p	W	Irion M	SAC D-103	Full Semester

BUSINESS 121, HUMAN RELATIONS & ORGANIZATION

3 UNITS

The role of the manager and management's relationship to employees. Includes the application of motivational theories, communications, leadership, and organizational structure. (Same as Management 121.)

34138	7:00p-10:10p	Tu	Irion M	SAC A-130	Full Semester
-------	--------------	----	---------	-----------	---------------

BUSINESS 125, INTRODUCTION TO INTERNATIONAL BUSINESS

3 UNITS

A survey course previewing international marketing, finance, law and logistics. Includes how a company decides to go global and how products are made, transported and sold around the world.

34140	6:00p-9:10p	W	Grant M	SAC A-203	Full Semester
-------	-------------	---	---------	-----------	---------------

BUSINESS 130, PERSONAL FINANCE

3 UNITS

Various aspects of personal financial planning covering family budgeting, investments, housing, insurance, taxation, estate planning, credit and its uses, planning for retirement, installment buying.

34105	TBA		Mitchell E	SAC WEB	Full Semester
-------	-----	--	------------	---------	---------------

Section 34105 Go to www.sac.edu/disted for more information. Email instructor first week of class. (Mitchell_Earl@sac.edu)



All students in Business and Computer classes are eligible to use our well-equipped **BUSINESS COMPUTER LABS** in Room A-104. Open six days a week to meet your computing needs.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

BUSINESS 147, INTERNATIONAL COMMERCIAL AGREEMENTS AND DISTRIBUTION LAW

1 UNIT

Learn to create business contracts in the global marketplace and how to use the U.N. Convention on Contracts for the International Sale of Goods. Learn about contracts with foreign sales representatives and laws regulating international distribution. Learn about international limited liability companies and foreign direct investment laws. (Same as Paralegal 147.)

34144	6:00p-10:00p	Th	Mallory C	SAC A-203	08/26-09/16
-------	--------------	----	-----------	-----------	-------------

BUSINESS 148, INTERNATIONAL INTELLECTUAL PROPERTY LAW

1 UNIT

Learn international intellectual property law—patents, copyrights, trademarks, and trade secrets. Learn international treaties relating to intellectual property rights. Learn technology licensing agreements and international franchising. (Same as Paralegal 148).

34142	6:00p-10:00p	Th	Mallory C	SAC A-203	09/23-10/14
-------	--------------	----	-----------	-----------	-------------

BUSINESS 149, THE LAW OF GLOBAL COMMERCE

1 UNIT

How countries join together to create trade. Includes NAFTA, GATT, the EU and other trade agreements around the world. Explore law in different legal systems as well as U.S. export regulations. (Same as Paralegal 149.)

34143	6:00p-10:00p	Th	Mallory C	SAC A-203	10/21-11/18
-------	--------------	----	-----------	-----------	-------------

BUSINESS 150, INTRODUCTION TO COMPUTING AND APPLICATION SOFTWARE

4 UNITS

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.)

34076	TBA		Kushida C	SAC WEB	Full Semester
-------	-----	--	-----------	---------	---------------

Section 34076 Online instruction with on campus orientation: Go to instructor website for more information. http://ext.sac.edu/faculty_staff/kushida_cherylee To avoid being dropped from the class email the instructor by 8/23.(kushida_cherylee@sac.edu)

34018	8:00a-10:10a	M W	Kushida C	SAC A-206	Full Semester
-------	--------------	-----	-----------	-----------	---------------

34063	9:30a-11:40a	Tu Th	Harding G	SAC A-208	Full Semester
-------	--------------	-------	-----------	-----------	---------------

34038	6:00p-10:10p	Tu Th	Beck J	SAC A-213	08/24-10/14
-------	--------------	-------	--------	-----------	-------------

BUSINESS 170, PRINCIPLES OF SMALL BUSINESS MANAGEMENT

3 UNITS

Practical business skills needed to start and operate a small business. Includes information on risk management, site location, legal aspects, financing, budgeting, merchandising, promotion, and management techniques.

36374	7:00p-10:10p	Th	Thomason G	SAC D-103	Full Semester
-------	--------------	----	------------	-----------	---------------

BUSINESS 222, BUSINESS WRITING

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.

Prerequisite: English 101 or 101H.

34147	9:45a-11:10a	Tu Th	Woolgar D	SAC A-108	Full Semester
-------	--------------	-------	-----------	-----------	---------------

34150	1:30p-2:55p	Tu Th	Woolgar D	SAC A-215	Full Semester
-------	-------------	-------	-----------	-----------	---------------

34152	7:00p-10:10p	M	Damon S	SAC A-209	Full Semester
-------	--------------	---	---------	-----------	---------------

34151	7:00p-10:10p	Tu	Woolgar D	SAC A-108	Full Semester
-------	--------------	----	-----------	-----------	---------------

BUSINESS APPLICATIONS

BUSINESS APPLICATIONS 016, COMPUTER OFFICE MODULES

0.5 - 6 UNITS

Office training on an individualized basis to include: computer applications (Word, Excel, Access, and PowerPoint), communication skills, office procedures and equipment for entry level office positions, Microsoft Office Specialist practice testing and office simulation. May be repeated for a maximum of 6 units.

Open Entry / Open Exit

Material Fee(s): \$2

34551	9:00a-12:00p	M W	Miller J	SAC A-228	Full Semester
-------	--------------	-----	----------	-----------	---------------

BUSINESS APPLICATIONS 017, BUSINESS WRITING SKILLS

3 UNITS

Comprehensive up-to-date usage of grammar including punctuation, capitalization, number style, spelling, vocabulary development, and other business writing skills. Designed for today's administrative assistant, secretary, word processor, or other office worker.

35072	7:00p-10:10p	Tu	Negrete T	SAC A-228	Full Semester
-------	--------------	----	-----------	-----------	---------------

BUSINESS APPLICATIONS 018, OFFICE PROCEDURES

3 UNITS

Develop skills for the automated office including interpersonal relations, administrative support, office communication, and work management. Provides instruction in adapting to the changing office environment, including problem solving and team atmosphere.

35350	7:00p-10:10p	W	Eskow S	SAC A-228	Full Semester
-------	--------------	---	---------	-----------	---------------

Online Counseling Now Available!
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

New from the Business Applications Department!

Earn College Credit when you pass a
Microsoft Certification Exam in
Word, Excel, PowerPoint, Access, or Outlook.



Available for Microsoft Office 2003 and 2007
Watch for flyers and brochures or call 714-564-6750

BUSINESS APPLICATIONS 035, COMPUTER FUNDAMENTALS **1.5 UNITS**
Introduction to computer hardware components, software applications, multimedia, and the use of the Internet.

Material Fee(s): \$2
W 35357 9:00a-12:10p Sa Ali W SAC A-222 08/28-10/16
1 hour per week arranged.

BUSINESS APPLICATIONS 036, DATA ENTRY **1.5 UNITS**
Instruction in the process of entering alphabetic and numeric data into the computer to produce report formats such as statistical reports, inventories, payroll records and registration forms. Students develop dexterity and accuracy while learning data entry procedures.

Material Fee(s): \$2
W 35361 9:00a-12:10p Sa Nguyen T SAC A-226 08/28-10/16
1 hour per week arranged.

BUSINESS APPLICATIONS 043, MICROSOFT CERTIFIED APPLICATION SPECIALIST PREPARATION **0.5 UNIT**

Prepares students to take the Microsoft Certified Application Specialist (MCAS) certification exams. Students choose practice programs that replicate actual MCAS exams for Word, Excel, PowerPoint, Access and/or Outlook.

Material Fee(s): \$2
35365 5:00p-6:55p M Staff SAC A-228 11/15-12/06

BUSINESS APPLICATIONS 056, GENERAL FOUNDATION FOR BILINGUAL BUSINESS INTERPRETATION-SPANISH/ENGLISH **3 UNITS**

A course designed to give general foundations for interpreting and translating in Spanish and English for government and private businesses. Fluency in Spanish and English strongly recommended.

35655 7:00p-10:10p W Frias E SAC A-205 Full Semester

BUSINESS APPLICATIONS 057, MEDICAL INTERPRETATION AND TRANSLATION-SPANISH/ENGLISH **3 UNITS**

A course in medical interpretation/translation designed for employment certification of interpreters for governmental and private health services-providers. Fluency in Spanish and English strongly recommended.

W 35504 9:00a-12:10p Sa Frias Callejas M SAC A-224 Full Semester

BUSINESS APPLICATIONS 110, COMPUTER KEYBOARDING SKILLS **1 - 2 UNITS**
Proficiency based computer keyboarding skills includes: alphabet and numeric keyboard, speed and accuracy development and basic word processing skills.

Open Entry / Open Exit
Material Fee(s): \$2

34599 TBA Montiel-Childres D SAC WEB Full Semester
Section 34599 Go to www.sac.edu/disted for more information.
Email instructor first week of class. (Montiel_Dena@sac.edu)
35073 9:00a-10:55a Tu Th Montiel-Childres D SAC A-228 Full Semester
35510 9:00a-10:55a M W Le N SAC A-226 Full Semester
34605 6:00p-10:00p W Banh H SAC A-226 Full Semester

BUSINESS APPLICATIONS 115, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT **1 - 2 UNITS**

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.

Open Entry / Open Exit
Material Fee(s): \$2

35291 9:00a-10:55a Tu Th Montiel-Childres D SAC A-228 Full Semester
35514 9:00a-10:55a M W Le N SAC A-226 Full Semester
34608 6:00p-10:00p W Banh H SAC A-226 Full Semester

BUSINESS APPLICATIONS 125, MICROSOFT WORD BASICS **1.5 UNITS**
Basic procedures for creating, editing, and manipulating documents of varying sophistication using Microsoft Word software.
Material Fee(s): \$2

Software Utilized: MS Word 2007
W 35371 9:00a-12:35p Sa Ali W SAC A-222 10/23-12/11
1 hour per week arranged.

BUSINESS APPLICATIONS 147, INTRODUCTION TO WINDOWS **1.5 UNITS**
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.
Material Fee(s): \$2

Software Utilized: Windows 7
35372 7:00p-10:10p Th Ali W SAC A-224 08/26-10/14
1 hour per week arranged.

BUSINESS APPLICATIONS 148, ADVANCED WINDOWS **1.5 UNITS**
Continued instruction in Microsoft Windows features. Topics include: using the Internet and multimedia; working with digital photos and music; networking and system maintenance; adding software and hardware and troubleshooting your system.
Material Fee(s): \$2

Software Utilized: Windows 7
35373 6:00p-10:10p Th Ali W SAC A-224 10/21-12/09
1 hour per week arranged.

BUSINESS APPLICATIONS 160, MICROSOFT PUBLISHER **3 UNITS**
Easy-to-use desktop publishing program that guides you through the process of creating brochures, newsletters, invitations and flyers. Create professional-looking documents without graphic design training. Use a scanner to incorporate graphics in your documents.

Material Fee(s): \$4
Software Utilized: Publisher 2007
35520 9:30a-10:55a M W Montiel-Childres D SAC A-224 Full Semester
1 hour per week arranged.
35374 9:30a-10:55a Tu Th Lehrer C SAC A-226 Full Semester
1 hour per week arranged.
35527 1:15p-2:50p M W Montiel-Childres D SAC A-226 Full Semester
1 hour per week arranged.

BUSINESS APPLICATIONS 164, INTRODUCTION TO ADOBE PHOTOSHOP **3 UNITS**
Students learn how to use the capabilities of Adobe Photoshop, an image editing program, to enhance the creativity and production of desktop projects. Previous class in scanning is advisable.

Material Fee(s): \$4
Software Utilized: Adobe Photoshop CS4
34609 7:00p-10:10p W Thorey V SAC A-224 Full Semester
6:00p-6:55p W Thorey V SAC A-224

BUSINESS APPLICATIONS 170, ADOBE INDESIGN **3 UNITS**
An introduction to using Adobe's InDesign desktop publishing software. Learn to use InDesign's powerful production tools for creating publications. Includes basic typography, importing and linking graphics, creating and applying colors, and using tints, and gradients.

Material Fee(s): \$4
Software Utilized: Adobe InDesign CS4
34612 7:00p-10:10p Tu Dumon D SAC A-224 Full Semester
1 hour per week arranged.

BUSINESS APPLICATIONS 173, ADOBE FLASH **3 UNITS**
Designed to prepare students in the use of Adobe Flash for web design, including animation, importing sound, interactive action and publishing. Experience with graphics and internet recommended. Knowledge of Adobe Photoshop helpful.

Material Fee(s): \$4
Software Utilized: Adobe Flash CS4
36386 7:00p-10:10p Th Molitor M SAC A-226 Full Semester
1 hour per week arranged.

BUSINESS APPLICATIONS 174, CREATING WEB PAGES WITH DREAMWEAVER AND FLASH **3 UNITS**
Provides instruction on designing a dynamic web site from concept to upload to a server using Dreamweaver and Flash together. Students will integrate HTML with multimedia into one web site using cascading style sheets, animation, and sound based on professional business standards and techniques. Knowledge of Word and Photoshop helpful.

Software Utilized: Adobe Dreamweaver and Flash CS4
35668 7:00p-10:10p M Dumon D SAC A-226 Full Semester
1 hour per week arranged.



SOME COMPUTER CLASSES HAVE ARRANGED LAB HOURS

Students will be informed by their instructor if they are expected to spend a minimum of one hour per week in the computer lab. General Business and Computer Labs are available in A-104, A-106, and A-108 six days a week, and Accounting Labs are available at selected times in A-222 and A-228. Engineering Lab is available in A-225.

BUSINESS APPLICATIONS 179, INTRODUCTION TO MICROSOFT OFFICE 4 UNITS

Learn the basics of the Microsoft Office, suite of applications including Word, Excel, Access and PowerPoint. Acquire skills for creating, formatting, printing and editing business documents.

Material Fee(s): \$4

Software Utilized: MS Office 2007

34619	TBA		Nguyen M	SAC WEB	Full Semester
Section 34619 go to www.sac.edu/disted for more information.					
35079	11:00a-1:10p	Tu Th	Lehrer C	SAC A-226	Full Semester
35081	6:00p-10:10p	Tu	Molitor M	SAC A-226	Full Semester
33809	6:00p-10:10p	W	Montiel-Childres D	SAC A-222	Full Semester

BUSINESS APPLICATIONS 183, MICROSOFT WORD 3 UNITS

Step-by-step procedures are taught for creating, editing, and printing business documents with Microsoft Word. Ability to type is recommended.

Material Fee(s): \$4

Software Utilized: MS Word 2007

35086	7:00p-10:10p	M	Dutton Jr D	SAC A-224	Full Semester
1 hour per week arranged.					

BUSINESS APPLICATIONS 188, MICROSOFT EXCEL 1.5 UNITS

Introduction to Excel spreadsheets including formatting, graphics, charts and formulas common to business applications.

Material Fee(s): \$2

Software Utilized: MS Excel 2007

35665	9:30a-10:55a	Tu Th	Negrete T	SAC A-222	08/24-10/14
1 hour per week arranged.					
W 35671	6:30p-9:35p	F	Nguyen T	SAC A-226	08/27-10/15
1 hour per week arranged.					

BUSINESS APPLICATIONS 189, EXCEL APPLICATION PROJECTS 1.5 UNITS

The student will apply spreadsheet theory and design to typical business related Excel projects. This course will expand student's knowledge of Excel concepts and techniques. Prepares student for Microsoft Excel Certification. Recommended experience with Excel.

Material Fee(s): \$2

Software Utilized: MS Excel 2007

36295	9:30a-10:55a	Tu Th	Negrete T	SAC A-222	10/19-12/09
1 hour per week arranged.					
W 36833	6:30p-9:35p	F	Nguyen T	SAC A-226	10/22-12/10
1 hour per week arranged.					

BUSINESS APPLICATIONS 190, MICROSOFT POWERPOINT 1.5 UNITS

Instruction in the essentials of presentation graphics using PowerPoint. Students will learn how to design and produce presentation material for business including transparencies, slide and screen shows.

Material Fee(s): \$2

Software Utilized: MS PowerPoint 2007

35359	TBA		Lehrer C	SAC WEB	08/23-10/15
Go to www.sac.edu/disted for more information. Email instructor first week of class. (Lehrer_Carol@sac.edu)					

BUSINESS APPLICATIONS 191, POWERPOINT-APPLICATION PROJECTS 1.5 UNITS

Course will provide an opportunity to develop original presentation project for business, job or personal use. Course is designed to allow students an opportunity to expand knowledge of PowerPoint.

Material Fee(s): \$2

Software Utilized: MS PowerPoint 2007

35363	TBA		Lehrer C	SAC WEB	10/18-12/10
Go to www.sac.edu/disted for more information. Email instructor first week of class. (Lehrer_Carol@sac.edu)					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

BUSINESS APPLICATIONS 198, MICROSOFT ONENOTE 1.5 UNITS

Students will learn how to use Microsoft OneNote, create, organize and manage notebooks. Students will work with audio and video files, search Notes, and integrate OneNote with Microsoft Office.

Software Utilized: Microsoft OneNote 2007

35368	7:00p-10:10p	M	Eskow S	SAC A-228	10/18-12/06
-------	--------------	---	---------	-----------	-------------

BUSINESS APPLICATIONS 198, GOOGLE AND WEB APPS 1.5 UNITS

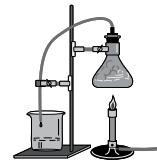
Instruction in the use of Google applications including: Gmail, Web search, word processing, spreadsheets, presentations, calculator, maps, collaboration and Chrome. Web applications include blogging and Wikis.

36285	7:00p-10:10p	M	Eskow S	SAC A-228	08/23-10/11
-------	--------------	---	---------	-----------	-------------

Meet your Chemistry (Science Majors) requirements!!!

Take the following in the order given:

- Chemistry 209
- Chemistry 219
- Chemistry 229
- Chemistry 249
- Chemistry 259



CHEMISTRY

CHEMISTRY 109, CHEMISTRY IN THE COMMUNITY 4 UNITS

The non-science major will study practical applications of chemistry and the chemical principles behind them including: the scientific method, atomic structure, molecular models, and chemical reactions. Environmental and community issues will be the focus of student centered laboratories, discussions and field trips. Group work and computer activities will be used in this cooperative learning environment. (Same as Environmental Studies 109.)

35453	TBA		Nguyen W	SAC WEB	Full Semester
8:30a-11:40a W Nguyen W SAC R-302					
Section 35453 Online instruction plus mandatory on campus weekly lab meetings every Wed, 8:30a-11:40a, SAC R-302. Go to www.sac.edu/disted for more information. Email instructor first week of class (nguyen_william@sac.edu).					

CHEMISTRY 119, FUNDAMENTALS - GENERAL AND ORGANIC 5 UNITS

No prior chemistry needed. For majors in nursing, dietetics, family and consumer studies, pharmacy technology, biology, and physical education. Includes atomic structure, nuclear chemistry, bonding, solutions, acids and bases, organic nomenclature, hydrocarbons and alcohols.

Prerequisite: Mathematics 060 or 061.

35460	6:00p-6:55p	Th	Joe S	SAC R-318	Full Semester
7:00p-10:10p Tu Joe S SAC R-318					
7:00p-10:10p Th Joe S SAC R-301					

CHEMISTRY 209, INTRODUCTORY CHEMISTRY 4 UNITS

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.

Prerequisite: Mathematics 080 or 081 with a grade of C or better.

35474	TBA		Jenkins C	SAC WEB	Full Semester
9:00a-12:10p F Jenkins C SAC R-309					
Section 35474 Online instruction plus mandatory on campus weekly lab meetings every Fri, 9:00a-12:10p, SAC R-309. Go to www.sac.edu/disted for more information. Email instructor first week of class (jenkins_crystal@sac.edu).					

W 35464	9:00a-12:10p	Sa	Moore B	SAC R-318	Full Semester
1:00p-4:10p Sa Moore B SAC R-309					
35471 9:30a-10:55a M W Mc Millan J SAC R-126 Full Semester					
11:30a-2:40p M Mc Millan J SAC R-301					

Section 35471 is linked to Counseling 111, Learning Skills Development, Section 34768. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

35475	5:30p-6:55p	M W	Pratt C	SAC R-126	Full Semester
7:00p-10:10p M Pratt C SAC R-301					
35467 7:00p-10:10p Th Visco L SAC R-318 Full Semester					
7:00p-10:10p Tu Visco L SAC R-301					
35465 7:00p-10:10p M Edinger W SAC R-318 Full Semester					
7:00p-10:10p W Edinger W SAC R-301					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

CHEMISTRY 219, GENERAL CHEMISTRY

5 UNITS

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.

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.

35511	11:15a-12:40p	Tu Th	Nguyen W	SAC R-318	Full Semester
	1:30p-4:40p	Tu Th	Nguyen W	SAC R-309	
35500	1:00p-2:25p	Tu Th	Jenkins C	SAC R-126	Full Semester
	9:30a-12:40p	Tu Th	Jenkins C	SAC R-309	
35503	5:30p-6:55p	M W	Kelcher M	SAC R-128	Full Semester
	7:00p-10:10p	M W	Kelcher M	SAC R-309	
35515	5:30p-6:55p	Tu Th	Kelcher M	SAC R-126	Full Semester
	7:00p-10:10p	Tu Th	Kelcher M	SAC R-309	

CHEMISTRY 229, GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS

5 UNITS

Continuation of Chemistry 219 including, but not limited to, ionic equilibrium, acid/base chemistry, thermodynamics and electrochemistry, nuclear chemistry and descriptive chemistry.

Prerequisite: Chemistry 219 with a grade of C or higher.

35517	8:30a-9:55a	Tu Th	Mc Millan J	SAC R-126	Full Semester
	10:15a-1:25p	Tu Th	Mc Millan J	SAC R-301	

CHEMISTRY 249, ORGANIC CHEMISTRY I

5 UNITS

Alkanes, alkenes, alkynes, alkyl halides, organometallics, alcohols, ethers, aromatics, and carbonyl compounds: structure and bonding, nomenclature, descriptive chemistry, reaction mechanisms, synthetic methods. IR spectroscopy. Laboratory: separations/purifications and identification, simple syntheses.

Prerequisite: Chemistry 229 with a grade of C or better.

35518	5:15p-6:40p	M W	Yamada T	SAC R-124	Full Semester
	7:00p-10:10p	Tu Th	Yamada T	SAC R-302	
35521	5:15p-6:40p	M W	Yamada T	SAC R-124	Full Semester
	7:00p-10:10p	M W	Yamada T	SAC R-302	

CHICANO STUDIES

CHICANO STUDIES 101, INTRODUCTION TO CHICANO STUDIES

3 UNITS

An interdisciplinary survey of Chicano society from a sociological, economic, political, philosophical, and cultural perspective from pre-Columbian civilizations to contemporary society. This course is designed to present a foundation in Chicano history.

33226	11:30a-12:55p	Tu Th	Sanchez G	SAC I-206	Full Semester
-------	---------------	-------	-----------	-----------	---------------

U-LINK Section 33226 is linked to Counseling 107, The Freshman Experience, Section 34736. Enrollment in both sections is mandatory.

See the Freshman Experience Program page in the class schedule for more information.

33228	1:15p-2:40p	Tu Th	Briceno G	SAC D-304	Full Semester
33227	7:00p-10:10p	W	Polequaptewa Y	SAC D-106	Full Semester
33229	7:00p-10:10p	Th	Briceno G	SAC D-304	Full Semester

COMMUNICATIONS & MEDIA STUDIES (FORMERLY JOURNALISM)

COMMUNICATIONS & MEDIA STUDIES 121, WRITING AND REPORTING FOR MEDIA

3 UNITS

An introduction to evaluating, gathering and writing news across multi-media platforms under newsroom conditions. Includes role of the reporter in a multi-media environment and the legal and ethical issues related to reporting. Writing experiences include: Web-based and multi-media reporting, interviewing techniques, research methods, and application of media law.

35750	11:00a-12:25p	M W	Little C	SAC A-219	Full Semester
-------	---------------	-----	----------	-----------	---------------

COMMUNICATIONS & MEDIA STUDIES 123, NEWS MEDIA PRODUCTION

4 UNITS

A production-based course designed around a functioning media organization, providing students practical training in print, digital and Web-based media through work as members of the campus newspaper and its various forms. Students utilize a digital laboratory to develop skills in a variety of disciplines, including writing, editing, design, photography, and visual reporting. Completion of Journalism 121 recommended.

35754	12:30p-2:35p	M W	Little C	SAC C-201	Full Semester
-------	--------------	-----	----------	-----------	---------------

10 hours arranged each week

COMMUNICATIONS & MEDIA STUDIES 124, MAGAZINE WRITING FOR PRINT AND DIGITAL MEDIA

3 UNITS

A comprehensive course in magazine writing and production. Emphasizes a variety of conceptual, research, and nonfictional prose writing styles. Examines trends in editing, layout and design. Students write, edit, design and produce campus magazine. English 101 or Journalism 121 recommended.

35756	6:00p-9:10p	Tu	Little C	SAC C-201	Full Semester
-------	-------------	----	----------	-----------	---------------

5 hours arranged each week

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

SANTA ANA COLLEGE

COMMUNICATIONS & MEDIA STUDIES 201, VISUAL REPORTING

2 UNITS

Course stresses how to perceive and select visual images through work with a digital camera, a computer, and related graphics software. Students learn application and manipulation of images in digital form by focusing on telling stories through pictures and informational graphics. Students serve as visual reporters for campus media. May be repeated.

35758	12:30p-1:55p	M W	Staff	SAC C-207	Full Semester
-------	--------------	-----	-------	-----------	---------------

COMMUNICATIONS & MEDIA STUDIES 222, WRITING ACROSS MEDIA

3 UNITS

For writing students seeking a better understanding of non-fictional prose genres focusing on narrative storytelling techniques for Web, Multimedia and Print. Emphasizes integration of writing skills across media formats.

Prerequisite: English 101, 101H or Communications and Media Studies 121 with a grade of C or better.

35760	12:30p-1:55p	M W	Staff	SAC C-201	Full Semester
-------	--------------	-----	-------	-----------	---------------

COMPUTER SCIENCE

COMPUTER SCIENCE 100, THE COMPUTER AND SOCIETY

3 UNITS

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.

34074	TBA		Kushida C	SAC WEB	Full Semester
Section 34074 Online instruction with on campus orientation: Go to instructor website for more information. http://ext.sac.edu/faculty_staff/kushida_cherylee To avoid being dropped from the class email the instructor by 8.23.(kushida_cherylee@sac.edu)					
34075	TBA		Kushida C	SAC WEB	Full Semester
Section 34075 Online instruction with on campus orientation: Goto instructor website for more information. http://ext.sac.edu/faculty_staff/kushida_cherylee To avoid being dropped from the class email the instructor by 8.23.(kushida_cherylee@sac.edu)					
34001	8:00a-10:55a	M W	Nichols B	SAC A-213	10/18-12/08
34100	8:00a-10:55a	Tu Th	Nichols B	SAC A-213	10/19-12/09
34054	8:00a-11:10a	F	Staff	SAC A-215	Full Semester
34046	8:30a-9:55a	Tu Th	Hester J	SAC A-215	Full Semester
34031	9:00a-10:25a	M W	Harding G	SAC A-208	Full Semester
34048	10:00a-11:25a	Tu Th	Hester J	SAC A-215	Full Semester
34065	11:00a-12:25p	M W	Harding G	SAC A-208	Full Semester
34086	12:00p-1:25p	Tu Th	Hester J	SAC A-215	Full Semester
34035	12:30p-1:55p	M W	Harding G	SAC A-208	Full Semester
34025	4:00p-6:55p	W	Dahlen N	SAC A-206	Full Semester
34023	4:00p-6:55p	Tu	Dahlen N	SAC A-206	Full Semester
34020	7:00p-10:10p	M	Bennett Jr J	SAC A-206	Full Semester
34039	7:00p-10:10p	W	Staff	SAC A-208	Full Semester
35317	7:00p-10:10p	Tu Th	Nichols B	SAC A-213	10/19-12/09
34030	7:00p-10:10p	Th	Lamb J	SAC A-206	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------



SOME COMPUTER CLASSES HAVE ARRANGED LAB HOURS

Students will be informed by their instructor if they are expected to spend a minimum of one hour per week in the computer lab. General Business and Computer Labs are available in A-104, A-106, and A-108 six days a week, and Accounting Labs are available at selected times in A-222 and A-228. Engineering Lab is available in A-225.

COMPUTER SCIENCE 104, COOPERATIVE WORK EXPERIENCE EDUCATION- OCCUPATIONAL 1 - 4 UNITS

Supervised paid or volunteer experience in student's major including new or expanded responsibilities. One unit 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. Student must be enrolled in a minimum of 7 units including 4 units in Computer Science 104.

Open Entry / Open Exit

34077	TBA		Kushida C	SAC A-108	Full Semester
-------	-----	--	-----------	-----------	---------------

Email Instructor by 8/30/2010. (Kushida_Cherylee@sac.edu)

COMPUTER SCIENCE 105, VISUAL BASIC PROGRAMMING 3 UNITS

Introduction to programming and Visual BASIC. Emphasis on programming fundamentals and the creation of applications with Visual BASIC. No previous programming experience required.

34013	12:00p-1:25p	MW	Hester J	SAC A-215	Full Semester
34026	7:00p-10:10p	Tu	Dahlen N	SAC A-206	Full Semester
34029	7:00p-10:10p	W	Dahlen N	SAC A-206	Full Semester

COMPUTER SCIENCE 112, JAVA PROGRAMMING 3 UNITS

Study of the Java language, its features and applications.

34033	12:00p-1:25p	Tu Th	Harding G	SAC A-208	Full Semester
-------	--------------	-------	-----------	-----------	---------------

COMPUTER SCIENCE 120, INTRODUCTION TO PROGRAMMING 3 UNITS

Introduction to programming concepts including data types, mathematical operations, elementary input/output, and the basic control structures of sequence, selection, iteration and functions. Program design techniques utilizing structured and object-oriented methodologies will be emphasized.

Prerequisite: Mathematics 080 or 081.

34045	9:30a-11:45a	MW	Hester J	SAC A-215	Full Semester
34042	6:00p-10:10p	M	Dahlen N	SAC A-213	Full Semester

COMPUTER SCIENCE 121, PROGRAMMING CONCEPTS 3 UNITS

Continuing introduction to programming concepts, development of algorithms utilizing functions, classes and the primary control structures. Program I/O; strings and arrays; data types: classes and objects. Documentation techniques.

Prerequisite: Computer Science 120.

34043	6:00p-10:15p	W	Hester J	SAC A-215	Full Semester
-------	--------------	---	----------	-----------	---------------

COMPUTER SCIENCE 124A, MCDST PREPARATION 3 UNITS

Study of skills needed to successfully support end-users and to successfully troubleshoot desktop environments that are running the Microsoft operating systems. Student will be provided with the skills necessary for the Microsoft Certified Desktop Support Technician (MCDST) Exams, 70-271 and 70-272. Recommended preparation: Computer Science 100.

34017	7:00p-10:10p	Th	Quach N	SAC A-215	Full Semester
-------	--------------	----	---------	-----------	---------------

COMPUTER SCIENCE 134C, MICROSOFT WINDOWS 7 OPERATING SYSTEM 3 UNITS

Microsoft Windows 7 Operating System. Course topics include: Installation, Configuration, Application Installation and Management, Hardware Configurations, File and Information Management, Security, Managing User Accounts, Networking, Digital Media, System Maintenance and Management, Desk Top Management and Configuration.

34555	7:00p-10:10p	W	Moritsugu S	SAC A-213	Full Semester
-------	--------------	---	-------------	-----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

Computer Science Programs and Changes

- Computer Information Systems
 - **New** Enterprise Systems Certificate
 - **New** PC Maintenance & Troubleshooting Certificate
 - **New** Help Desk Certificate
 - Computer Science
 - Revamped A.S. Degree/Certificate Programs
 - **New 1st Course: CMPR 120**
 - Enhanced Hands-On Component!
- See catalog for further details

COMPUTER SCIENCE 155, GRAPHIC DESIGN CONCEPTS FOR THE WEB 3 UNITS

Introduction to Web design. Includes learning technical aspects, file optimization, effects, images, slicing, links, rollovers, and applying the elements and principles of design. Includes creative Web design projects. Photoshop skills highly recommended. (Same as Art 129.)

Material Fee(s): \$4

36246	9:00a-1:10p	F	Caterina-Barrett A	DMC-104	Full Semester
-------	-------------	---	--------------------	---------	---------------

COMPUTER SCIENCE 163, MICROSOFT EXCEL 3 UNITS

Introduction to Microsoft Excel and how it facilitates solving business problems. Covers data management and reporting using spreadsheets, charts, database tools and macros.

36055	11:00a-1:55p	MW	Nichols B	SAC A-213	10/18-12/08
34050	7:00p-10:10p	Tu	Sterling M	SAC A-215	Full Semester

COMPUTER SCIENCE 167, MICROSOFT ACCESS 3 UNITS

Relational Database Management using Microsoft ACCESS. Includes design, creation and maintenance of a RDBMS, reports and form generation, queries, importing and exporting data, macros and modules using ACCESS Basic.

34040	7:00p-10:10p	Th	Habicht G	SAC A-208	Full Semester
-------	--------------	----	-----------	-----------	---------------

COMPUTER SCIENCE 169, STRUCTURED QUERY LANGUAGE (SQL) 3 UNITS

The course covers database concepts and the use of SQL (structured query language). Completion of Computer Science 167 or equivalent is recommended.

34016	7:00p-10:10p	M	Sabetiashraf R	SAC A-215	Full Semester
-------	--------------	---	----------------	-----------	---------------

COMPUTER SCIENCE 173, INTRODUCTION TO NETWORKING TECHNOLOGY 3 UNITS

A comprehensive overview of networking technology, including a history of LAN development and the uses and benefits of LAN's. Students are introduced to LAN terminology, components, standards and upper level protocols.

34057	7:00p-10:10p	Tu	Yaqub M	SAC A-210	Full Semester
-------	--------------	----	---------	-----------	---------------

COMPUTER SCIENCE 198, ADVANCED JAVA 3 UNITS

Advanced study of the java language, its features and applications. Students will use a Java compiler. Not an introductory programming course. Students must have previous structured programming experience using the Java programming language.

35674	7:00p-10:10p	M	Harding G	SAC A-208	Full Semester
-------	--------------	---	-----------	-----------	---------------

COMPUTER SCIENCE 244, MICROSOFT EXCHANGE SERVER 3 UNITS

Microsoft Exchange Server - Migration and Deployment, Server Administration and Client Administration. Previous knowledge of Microsoft Server and networking technologies is desirable.

34331	7:00p-10:10p	Tu	Ahmed A	SAC A-208	Full Semester
-------	--------------	----	---------	-----------	---------------

COUNSELING

COUNSELING N45, ORIENTATION TO COLLEGE 0.5 UNIT

Introduction to college services and programs. Identification and exploration of programs and services designed to assist students entering college credit courses.

34914	8:00a-4:00p	Tu	Zook R	SAC A-128	08/10-08/10
34885	8:00a-4:00p	Tu	Mugica Y	SAC A-130	08/10-08/10
34906	8:00a-4:00p	Tu	Vargas M	SAC A-211	08/10-08/10
34909	8:00a-4:00p	Tu	Bautista S	SAC A-210	08/10-08/10

FIRST CLASS MEETING

Make sure you attend the first class meeting!

Attendance at the first meeting of a class is advised because of enrollment demands. Any student not reporting to the first class meeting may be dropped from the roll sheet.

COUNSELING 100, LIFELONG UNDERSTANDING AND SELF DEVELOPMENT 2 UNITS

Integrates concepts of lifelong understanding pertaining to career choice, educational planning and self inventory. Skills, values and interest assessments are utilized. Emphasis is on applying psychological principles to values clarification, goal setting and decision making. Students analyze social/cultural conditioning and explore successful strategies for living in a diverse society.

34615	9:30a-10:20a	MW	Staff	SAC R-303	Full Semester
34613	7:00p-9:05p	M	Castellanos M	SAC I-108	Full Semester

COUNSELING 107, THE FRESHMAN EXPERIENCE 3 UNITS

35591 3:00p-4:25p MW Aguilar M SAC I-201 Full Semester
Section 3551 is designed for students with learning difficulties and students interested in alternative learning strategies. Open to all students.

35593	9:00a-12:10p	F	Staff	SAC I-108	Full Semester
-------	--------------	---	-------	-----------	---------------

COUNSELING 114, CAREERS IN TEACHING 1 UNIT

Introduction to the teaching profession, culturally diverse student populations, career ladders and options, academic preparation, experience, and credentials required for employment, utilizing career assessments, principles of goal setting, and exposure to teaching environments and teaching professionals, students will formulate a career objective and develop an educational plan. (Same as Human Development 114.)

34727	1:00p-1:50p	W	Bautista S	SAC I-103	Full Semester
-------	-------------	---	------------	-----------	---------------

Section 34727 is linked to Speech 102, Public Speaking, Section 35189.
Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

COUNSELING 116, CAREER/LIFE PLANNING AND PERSONAL EXPLORATION 3 UNITS

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.

Material Fee(s): \$20

34676	TBA		Sadler D	SAC WEB	Full Semester
-------	-----	--	----------	---------	---------------

Section 34676 students must attend one of the following orientations: Aug 24, or 31, 12-2pm or 7-9pm SAC L-225 For more information, contact the instructor at sadler_dennis@sac.edu or www.sac.edu/students/counseling/staff/sadler.htm

34673	TBA		Sadler D	SAC WEB	Full Semester
-------	-----	--	----------	---------	---------------

Section 34673 students must attend one of the following orientations: Aug 24, or 31, 12-2pm or 7-9pm SAC L-225 For more information, contact the instructor at sadler_dennis@sac.edu or www.sac.edu/students/counseling/staff/sadler.htm

34674	TBA		Sadler D	SAC WEB	Full Semester
-------	-----	--	----------	---------	---------------

Section 34674 students must attend one of the following orientations: Aug 24, or 31, 12-2pm or 7-9pm SAC L-225 For more information, contact the instructor at sadler_dennis@sac.edu or www.sac.edu/students/counseling/staff/sadler.htm

34669	TBA		Sadler D	SAC WEB	Full Semester
-------	-----	--	----------	---------	---------------

Section 34669 students must attend one of the following orientations: Aug 24, or 31, 12-2pm or 7-9pm SAC L-225 For more information, contact the instructor at sadler_dennis@sac.edu or www.sac.edu/students/counseling/staff/sadler.htm

34678	TBA		Sadler D	SAC WEB	Full Semester
-------	-----	--	----------	---------	---------------

6:00p-7:30p M Sadler D SAC L-225
Section 34678 combines online instruction plus on-campus meetings every Mon. 6:00-7:30pm, SAC L-225. Go to www.sac.edu/disted for more information.
Email instructor first week of class. (sadler_dennis@sac.edu)

34627	8:00a-9:25a	Tu Th	Quintana R	SAC I-108	Full Semester
34625	9:00a-12:10p	F	Quintana R	SAC I-102	Full Semester
34616	9:00a-12:10p	F	Staff	SAC F-102	Full Semester
34623	9:30a-10:55a	MW	Gallego Jr R	SAC I-108	Full Semester
34620	9:30a-10:55a	MW	Pham T	SAC R-115	Full Semester
34618	9:30a-10:55a	Tu Th	Quintana R	SAC I-108	Full Semester
34629	11:00a-12:25p	MW	Gilmour D	SAC I-202	Full Semester
34626	11:00a-12:25p	MW	Pham T	SAC R-115	Full Semester
34624	11:00a-12:25p	MW	Gallego Jr R	SAC I-108	Full Semester
34621	11:00a-12:25p	Tu Th	Quintana R	SAC I-108	Full Semester
34631	6:00p-9:10p	Tu	Vargas M	SAC I-204	Full Semester
34628	7:00p-10:10p	W	Gilmour D	SAC I-204	Full Semester

COUNSELING 150, INTRODUCTION TO HUMAN SERVICES 3 UNITS

The history and philosophy of human services including theoretical frameworks, the function and orientation of human service organizations and the roles and qualifications of human service workers. A study of the target populations served by the human services and the professional, ethical and cultural issues facing the human service field.

34635	9:00a-12:10p	F	Gilmour D	SAC I-204	Full Semester
34633	7:00p-10:10p	M	Gilmour D	SAC I-204	Full Semester



COUNSELING COURSES

By enrolling in a counseling class you'll learn:

- How to Graduate and Transfer
- How to Choose a Major
- How to Choose a Career

Counseling 100

Lifelong Understanding and Self Development

This course assists students with discovering their career path, setting life goals, and exploring educational opportunities.

Counseling 116

Career/Life Planning and Personal Exploration

Provides students with insights and tools to determine what they want in life and their career and how to set up a plan to reach their goals.



Online Section – Students must attend one of the following orientations: August 24 or August 31, 12-2pm or 7-9pm SAC L-225
For more information, contact the instructor at sadler_dennis@sac.edu or www.sac.edu/students/counseling/staff/sadler.htm



UNIVERSITY TRANSFER CENTER

Transfer is not a mystery. It's a process.

Let us help YOU get to where YOU want to go!

The University Transfer Center provides information and assistance to students who are preparing to transfer to four-year colleges and universities.

MESA

The MESA Program is an academic program that supports students to excel in math, engineering, science and computer science courses so students can transfer to a four-year university. Services include tutoring, advisement, workshops, and scholarships.

PUEENTE

The Puente Program provides students with English instruction (English 061 & English 101), academic counseling and mentoring.

TEACHER ED

The Center for Teacher Education is dedicated to providing a variety of outreach, retention, and transfer activities for future teachers.

U-LINK

This program is open to all students, particularly students in the Santa Ana Unified School District. ULINK is a guaranteed transfer admission from Santa Ana College to UCI.

For further information, visit the University Transfer Center (S-110). Sign up to receive updates. Register on the web at www.sac.edu and select "University Transfer Center" or call 714-564-6165.

CRIMINAL JUSTICE ACADEMIES PROGRAMS

Any questions pertaining to the listed Criminal Justice Programs can be answered by calling the phone number listed by each program title or by calling the Criminal Justice Academies Office at 714-566-9200 or visit our web page at www.sac.edu/cja. To insure open enrollment, class availability and scheduling flexibility while meeting the training needs of Law Enforcement and other public safety agencies, classes are scheduled on an as-needed basis. It is important that you call for exact class times and dates. Please note that many of the classes listed have a prerequisite requirement.

Basic Police Academy

CJA: 100 944 hrs–24 Units

Prerequisite: Criminal Justice 010 and Admission to the course through Criminal Justice Academies office

Call CJA – 714-566-9200

- Student will receive instruction in all areas of Criminal Justice as Required by P.O.S.T.
- For entry-level law enforcement officers.
- This course is offered in cooperation with the Orange County Sheriff's Department.

Range Training

Prerequisite: CJA 100 or Level III Reserve

Call CJA – 714-566-9200

- 12 Gauge Less-Lethal Munitions
- Advanced Handgun Skills
- Field Tactics Shotgun–4 hr
- Handgun skills and Knowledge–4 hr
- Immediate Action/Rapid Deployment–8 hr
- Laser Firearms–8 hr
- Low Light Shotgun–24 hr
- Motorcycle Tactics Update–10 hr
- Patrol Rifle–40 hr
- Police Carbine–8 hr
- Shotgun–8 hr
- Special Weapons/Tactics Team–16 hr
- Tactical Covert/Crisis Entry–16 hr
- Tactical Firearms–8 hr
- Tactics for Survival–24 hr

Arrest and Control Training

Prerequisite: CJA 100 or Level III Reserve

Call CJA – 714-566-9200

- Arrest & Control Update–8 & 4 hr
- Training the Trainer/Instructor Course–40 hr

Training for Custody Officers

Prerequisite:

Must be Employed in Law Enforcement

Call CJA – 714-566-9200

- Custody/Corrections Update–8hr
- Jail Security for Records Clerks–8 hr
- Sheriff's Special Officer–664 hr
- Corrections Core Course–200 hr

Modular Academy

Prerequisite: Admission to the course through the Criminal Justice Academies office.

Call CJA – 714-566-9200

- Module III–164 hours
- Module II–212 hours (Prerequisite: Module III)
- Module I–440 Hours (Prerequisite: Module II)

Leadership Training

Prerequisite: CJA 100 or Level III Reserve

Call CJA – 714-566-9200

- Leadership & Mentoring–40 hr
- Supervision–80 hr
- Supervisory–24 hr

Investigations

Prerequisite: CJA 100 or Level III Reserve

Call CJA – 714-566-9200

- Investigations–24 hr
- Child Sexual Assaults–8hr
- Designer/Rave Drugs–4 hr
- Drug Abuse Recognition & Alcohol Workshop–24 hr
- Drug Identification–4 hr
- D.R.E. recertification–8 hr
- Gang Awareness–24 hr
- 11550 H&S–24 hr
- Homicide–40 hr
- Child Abuse 1st Responder–8 hr
- Narcotics Investigation–80 hr
- Narcotic Search Warrants–8 hr
- Narcotics Update–4 hr
- Occult Crimes–8 hr
- Sex Crimes–4 hr
- Use of Informants–4 hr
- Undercover Operations–8 hr

Advanced Officer Training

Prerequisite: CJA 100 or Level III Reserve

Call CJA – 714-566-9200

- Clan Lab First Responder–16 hr
- Destruction–8 hr
- Domestic Violence–4 hr
- F.T.O.–40 hr
- Mobil Field Force–16 hr
- Officer Safety–24 hr
- Parolee Contacts–4 hr
- Patrol/Police–24 hr
- Police Ethics–4 hr
- Report Writing–24 hr
- Report Writing–4 & 8 hr
- Satanic Cults–8 hr
- Street Gangs–4 hr
- Tactical Communications–4 hr
- Weapons of Mass Destruction–8 hr
- Racial Profiling–8 hr

Driving Simulator

Prerequisite: CJA 100 or Level III Reserve

Call CJA – 714-566-9200

- Driving/Force Option Simulator–8 hr

Miscellaneous Training

Prerequisite: CJA 100 or Level III Reserve

Call CJA – 714-566-9200

- Advanced Mounted–40 hr
- Basic Bike Patrol–24 hr
- CPR/First Aid–8 hr
- Field Tactics Mounted–8 hr
- Haz-Mat First Responder–8 hr
- Hazardous Devices–8-40 hr
- Mounted Update–16 hr
- Narcotic K-9–24 hr
- PO Update Harbor & Beaches–16 hr
- Swift water rescue–4 hr
- Requalification–136 hr

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

CRIMINAL JUSTICE

CRIMINAL JUSTICE 048, WRITING SKILLS FOR CRIMINAL JUSTICE PERSONNEL 3 UNITS

To develop practical, precise report writing techniques as well as general writing skills applicable to law enforcement and corrections.

Prerequisite: English N60.

35712	6:00p-9:10p	W	Fraze B	SAC R-307	Full Semester
-------	-------------	---	---------	-----------	---------------

CRIMINAL JUSTICE 101, INTRODUCTION TO CRIMINAL JUSTICE 3 UNITS

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.

35713	8:00a-9:25a	MW	Gonis Jr A	SAC H-207	Full Semester
35716	9:00a-12:10p	F	Davis R	SAC R-318	Full Semester
35715	9:30a-10:55a	TuTh	Wright G	SAC R-128	Full Semester
36798	11:30a-12:55p	MW	Wright G	SAC R-124	Full Semester
35717	11:30a-12:55p	TuTh	Pena R	SAC A-210	Full Semester
35714	6:00p-9:10p	W	Wright G	SAC W-101	Full Semester
35718	6:00p-9:10p	M	Small S	SAC I-102	Full Semester

CRIMINAL JUSTICE 102, INTRODUCTION TO CORRECTIONS 3 UNITS

An introductory course in adult corrections. Emphasis on laws, legal liabilities and different philosophies used in dealing with the adult offender inside an institution.

35719	6:30p-9:40p	W	Glenane R	SAC F-102	Full Semester
-------	-------------	---	-----------	-----------	---------------

CRIMINAL JUSTICE 103, CONCEPTS OF CRIMINAL LAW 3 UNITS

Criminal law definitions, classifications, basic concepts, and their application to the system of justice administration.

35721	TBA		Gonis Jr A	SAC WEB	Full Semester
-------	-----	--	------------	---------	---------------

Section 31721 Online instruction plus mandatory on-campus orientation Mon, Aug 23, 6-7pm, SAC, A-207. Go to www.sac.edu for more information. Email instructor first week of class (gonis_andrew@sac.edu)

35720	8:00a-9:25a	TuTh	Gonis Jr A	SAC H-207	Full Semester
35722	6:00p-9:10p	Th	Caddell A	SAC I-204	Full Semester

CRIMINAL JUSTICE 104, PRISON EXPERIENCE 3 UNITS

An in-depth study of various prisons/jails throughout the Orange County area. Field trips to at least seven separate facilities with follow-up discussion and analysis of each trip.

35723	7:00p-10:10p	M	Kraus E	SAC H-201	Full Semester
-------	--------------	---	---------	-----------	---------------

CRIMINAL JUSTICE 105, LEGAL ASPECTS OF EVIDENCE 3 UNITS

Origin, development, and philosophy of rules of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights.

35724	9:30a-10:55a	MW	Gonis Jr A	SAC H-207	Full Semester
35725	6:00p-9:10p	Tu	Williamson M	SAC H-205	Full Semester

CRIMINAL JUSTICE 106, CORONER DEATH INVESTIGATIONS 3 UNITS

The investigation of homicides, suicides, accidents, and natural deaths will be covered with special emphasis on evidence collection and identification. Special topics to be covered include: Sexual Assault, Arson Fires, Autopsy Procedures, Disaster Response, Gunshot Wounds, Stabbings, Traffic Collisions, Buried Bodies, and Skeletal Remains.

35726	6:00p-9:10p	Th	Corral F	SAC H-205	Full Semester
-------	-------------	----	----------	-----------	---------------

CRIMINAL JUSTICE 107, PRINCIPLES AND PROCEDURES IN THE CRIMINAL JUSTICE SYSTEM 3 UNITS

Role, responsibilities, interrelationships of segments in justice system; law enforcement, courts, corrections, exposure to procedures from initial entry to probation and/or parole. (Same as Paralegal 107.)

35727	11:30a-12:55p	TuTh	Manzano F	SAC A-205	Full Semester
35728	7:00p-10:10p	Tu	Alexander R	SAC I-107	Full Semester

CRIMINAL JUSTICE 108, CRIME SCENE INVESTIGATION 3 UNITS

An in-depth course on the collection and preservation of evidence. Special topics to be covered include: Fingerprinting, Arson, Tool Marks, Ballistics, D.N.A. Toxicology, Photography and Sketching.

35730	6:00p-9:10p	M	Jackson G	SAC H-207	Full Semester
-------	-------------	---	-----------	-----------	---------------

CRIMINAL JUSTICE 109, COMMUNITY INTERACTION 3 UNITS

Explores roles of Criminal Justice practitioners and how they are perceived by the public with an emphasis on critical thinking and decision making.

35731	6:00p-9:10p	Tu	Bell T	SAC H-201	Full Semester
-------	-------------	----	--------	-----------	---------------

CRIMINAL JUSTICE 110, STREET GANGS 3 UNITS

A course which focuses on street gangs in the U.S. with emphasis on California and the local area. Topics include but are not limited to Hispanic, Asian, African American, taggers, hate groups and prison gangs.

35732	11:00a-12:25p	MW	Gonis Jr A	SAC H-207	Full Semester
-------	---------------	----	------------	-----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

CRIMINAL JUSTICE 111A, VOLUNTEER INTERNSHIP ACADEMY 3 UNITS

Students will gain an in-depth understanding of the Orange County Probation Department and the possibilities of a career with that agency or in a related field. (Background check required).

35733	6:00p-9:10p	W	Pettinicchio D	OCPD	Full Semester
-------	-------------	---	----------------	------	---------------

CRIMINAL JUSTICE 111B, SUPERVISED INTERNSHIP WORK EXPERIENCE 3 UNITS

Students will be required to work under supervision of The Orange County Probation Department.

35734	TBA		Pettinicchio D	OCPD	Full Semester
-------	-----	--	----------------	------	---------------

Section 35734 has one mandatory orientation meeting Mon, Aug 23, 6-8pm at OCPD, 1001 S. Grand Ave., Santa Ana

CRIMINAL JUSTICE 205, CRIMINAL INVESTIGATION PRINCIPLES 3 UNITS

Basic principles of criminal investigations. Includes aspects of working with the public, specific knowledge necessary for handling crime scenes, interviews, evidence, and surveillance. Heavy emphasis on report writing.

35735	9:30a-10:55a	TuTh	Gonis Jr A	SAC H-207	Full Semester
-------	--------------	------	------------	-----------	---------------

CRIMINAL JUSTICE 220, JUVENILE DELINQUENCY AND CONTROL 3 UNITS

Techniques of handling juvenile offenders and victims diagnosis and referral; prevention and repression of delinquency; organization of community resources; juvenile law and juvenile court procedures.

35737	6:00p-9:10p	Th	Anderson J	SAC D-205	Full Semester
-------	-------------	----	------------	-----------	---------------

CRIMINAL JUSTICE ACADEMIES

CRIMINAL JUSTICE ACADEMIES 010, PRE-EMPLOYMENT PREPARATION FOR LAW ENFORCEMENT 1 UNIT

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.

36799	6:00p-10:00p	TuThSa	CJ ACADEMY	CJTC-SD	09/21-10/16
-------	--------------	--------	------------	---------	-------------

CRIMINAL JUSTICE ACADEMIES 010A, PHYSICAL FITNESS FOR PEACE OFFICER 0.3 UNIT

Specific conditioning & exercise prepare student for Basic Police Academy, and a career in law enforcement. Students will perform physical exercise in the weight room, obstacle course, walls, and various cardiovascular modalities. Proper body mechanics, lifting techniques and physical conditioning principles will be applied.

36800	6:00p-8:00p	TuTh	Bartlett M	CJTC-SD	11/16-12/09
-------	-------------	------	------------	---------	-------------

CRIMINAL JUSTICE ACADEMIES 026A, TRAINING ACADEMY PREPARATION 0.3 UNIT

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.

36127	7:00a-4:00p	Sa	CJ ACADEMY	CJTC-104	09/11-09/18
36128	7:00a-4:00p	Sa	CJ ACADEMY	CJTC-113	12/11-12/18

DANCE

DANCE 009, DANCE CLASS LABORATORY 0.5 UNITS

Provides studio rehearsal time to work out dance class assignments and rehearse for concert performances. New and different material each semester. 24 hours earns 0.5 unit; 48 hours 1 unit; 72 hours 1.5 units.

34639	TBA		Gillette H	SAC G-108	Full Semester
-------	-----	--	------------	-----------	---------------

DANCE 100, DANCE HISTORY AND APPRECIATION 3 UNITS

The development of dance in Western Europe and the U.S. from ancient times to the present. Explores dance as an emerging art form from the Renaissance to the 20th century. Emphasizes the contemporary dance heritage of the United States.

34640	11:30a-12:55p	TuTh	Fenton R	SAC A-130	Full Semester
-------	---------------	------	----------	-----------	---------------

DANCE 102, INTRODUCTION TO DANCE FORMS 3 UNITS

An introduction to historical and contemporary dance forms through lecture and activity. Experience in ballet, modern, jazz, hip-hop, improvisation, folk, ethnic and/or ritual dance styles. Recommended for future teachers.

34642	8:00a-9:20a	M	Garcia R	SAC G-108	Full Semester
	8:00a-9:20a	W	Garcia R	SAC G-108	

2 hours arranged each week

DANCE 105, WORLD DANCE AND CULTURES 3 UNITS

Dance around the world is studied in its cultural/social context. Emphasis on the different ways dance is used to express ideas about religion, cultural identity, myths and social ideals. Includes cultures from Africa, Asia, Europe, India, Latin America, Middle East, and North America, plus a focus on Southern California. Use of live and videotaped performances enhance the course.

34641	9:30a-10:55a	TuTh	Kikawa E	SAC A-210	Full Semester
-------	--------------	------	----------	-----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
DANCE 107, DANCE CONCERT PERFORMANCE 1 UNIT					
<i>Formal Dance Concert performance experience for dance students. Includes both rehearsal process and a minimum of three on-stage public performances. 48 hours earns one unit. Repertoire and casting vary each semester.</i>					
34708	12:15p-1:10p	F	Kikawa E	SAC G-108	Full Semester
	1:15p-2:05p	F	Kikawa E	SAC G-108	
Audition required. See schedule for information 1.5 hours arranged per week					
DANCE 109, PILATES CONDITIONING 0.5 UNIT					
<i>Using exercises designed by Joseph Pilates, students develop strength, stability, coordination and control in the core muscles of the body. Applicable for dance, sports and general conditioning.</i>					
34709	8:00a-8:55a	Tu Th	Kikawa E	SAC G-108	08/24-10/14
34710	8:00a-8:55a	Tu Th	Kikawa E	SAC G-108	10/19-12/09
DANCE 113A, FLAMENCO DANCE I 1 UNIT					
<i>Introduction to dance movements, techniques and terminology of Flamenco dance, music, rhythms, and song. Emphasis on dance skills and cultural relationship between Spain and the Gypsies. Prepares the student for Dance 113B.</i>					
36234	7:00p-7:50p	M	Chavez R	SAC G-108	Full Semester
	7:55p-9:10p	M	Chavez R	SAC G-108	
Half-hour arranged each week					
DANCE 113B, FLAMENCO DANCE II 1 UNIT					
<i>Continued study of Flamenco culture through dance, music and song, with emphasis on particular rhythms. Students will explore the dynamics and structure of these rhythms and learn a choreographed dance. Repertoire varies each semester.</i>					
Prerequisite: Dance 113A.					
36235	7:00p-7:50p	M	Chavez R	SAC G-108	Full Semester
	7:55p-9:10p	M	Chavez R	SAC G-108	
Half-hour arranged each week					
DANCE 119A, INTRODUCTION TO JAZZ DANCE 1 UNIT					
<i>Introduction to jazz dance technique emphasizing elementary movement technique, vocabulary and creative expression. Includes an introduction to composition and cultural context of jazz. For students with little or no dance experience.</i>					
34787	1:00p-2:00p	M	Gillette H	SAC G-108	Full Semester
	2:05p-3:00p	M	Gillette H	SAC G-108	
DANCE 120, INTRODUCTION TO HIP-HOP DANCE (FORMERLY: INTRODUCTION TO URBAN JAZZ DANCE: HIP-HOP) 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>					
35058	3:00p-3:50p	Th	Jensen K	SAC G-108	Full Semester
	3:55p-4:55p	Th	Jensen K	SAC G-108	
Half-hour arranged each week					
DANCE 121, INTERMEDIATE HIP-HOP DANCE 1 UNIT					
<i>A continuation of the study of Hip-Hop dance emphasizing movement technique, dance vocabulary and creative expression. Includes more complicated movements, advanced dance combinations and an overview of the historical and cultural context of Hip-Hop. Beginning Hip-Hop recommended.</i>					
35059	7:00p-8:55p	Tu	Jensen K	SAC G-108	Full Semester
DANCE 122, COMMERCIAL JAZZ DANCE 1 UNIT					
<i>Instruction for the continuing jazz student in the technical steps, styles, audition techniques and performance skills necessary to be a jazz dancer in commercial settings such as television, industrials, cruise ships, music videos, etc.</i>					
34913	10:00a-10:50a	Sa	Van Patten M	SAC G-108	Full Semester
	10:55a-12:10p	Sa	Van Patten M	SAC G-108	
DANCE 123, INTRODUCTION TO SALSA DANCE 1 UNIT					
<i>An introduction to Salsa Dance, including musicality, partnering and patterns. Emphasis is on movement technique, dance vocabulary and creative expression. Historical and contemporary forms are studied. Content varies each semester.</i>					
35960	5:30p-6:20p	W	Figueroa M	CDC-100	Full Semester
	6:25p-7:30p	W	Figueroa M	CDC-100	
DANCE 124, INTERMEDIATE SALSA DANCE 1 UNIT					
<i>Continued study in salsa dance, including musicality, partnering and patterns. Emphasis is on movement technique, vocabulary and expression. Includes more complicated movements, complex patterns and advanced dance combinations. Content varies each semester. Introduction to salsa recommended.</i>					
35061	7:35p-8:25p	W	Figueroa M	CDC-100	Full Semester
	8:30p-9:45p	W	Figueroa M	CDC-100	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
DANCE 201A, BALLET I 2 UNITS					
<i>Introduction to ballet technique and terminology, including basic barre work, center work, and combinations en diagonale. Basic alignment, use of turnout, coordination, and ballet terminology. Dance 201A prepares the student for Dance 201B.</i>					
34921	9:30a-10:55a	M	Garcia R	SAC G-108	Full Semester
	9:30a-10:55a	W	Garcia R	SAC G-108	
1.5 hours arranged each week					
DANCE 201B, BALLET II 2 UNITS					
<i>Continuation of beginning ballet technique and terminology, including barre work, center work, and combinations en diagonale. Basic alignment, use of turnout, coordination and ballet terminology. Dance 201B utilizes additional combination work and prepares the student for Dance 213. Dance 201A recommended.</i>					
36244	9:05a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	Tu	Perez M	SAC G-108	
	9:05a-10:55a	Th		SAC G-108	
34922	9:30a-10:55a	M	Garcia R	SAC G-108	Full Semester
	9:30a-10:55a	W	Garcia R	SAC G-108	
1.5 hours arranged each week					
DANCE 202A, CHOREOGRAPHY 3 UNITS					
<i>A class for the general student which defines and explores the elements involved in creating a dance. Students will develop choreographic skills in order to be able to express their ideas through dance movement. Compositions created by students will be performed in the studio. For non-majors only.</i>					
34925	1:00p-3:00p	Tu	Kikawa E	SAC G-108	Full Semester
	1:00p-3:00p	Th		SAC G-108	
1 hr arranged each week					
DANCE 202B, CHOREOGRAPHY FOR DANCE MAJORS 3 UNITS					
<i>A composition class for dance majors which defines and explores the elements involved in creating a dance. Students will develop choreographic skills emphasizing individual expression of ideas through dance movement. Solo compositions created by students performed in dance studio. Dance majors.</i>					
34926	1:00p-3:00p	Tu	Kikawa E	SAC G-108	Full Semester
	1:00p-3:00p	Th		SAC G-108	
1 hour arranged each week					
DANCE 205, PERFORMANCE ENSEMBLE 2 - 4 UNITS					
<i>Pre-professional ensemble to provide performance experience for advanced students. 64 hours earns 2 units; 112 hours earns 3 units; 160 hours earns 4 units. Repertoire and casting vary each semester.</i>					
35048	3:05p-4:55p	W F	Gillette H	SAC G-108	Full Semester
Audition required. See schedule for info 6 hours arranged per week					
DANCE 206A, MODERN DANCE I 2 UNITS					
<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 modern dance. Students learn modern dance exercises and short works of dance. Video, concerts, and master classes enrich the course. Prepares the student for Dance 206B.</i>					
35011	11:00a-11:55p	M	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	M	Gillette H	SAC G-108	
	11:00a-12:55p	W		SAC G-108	

DANCE AUDITIONS

Dance Production

Dance 107, 205, 240

25-30 dancers are needed.

Auditions for the Dance Concert:

Thursday, August 26, 2010

1:00-2:30 pm and 5:00-6:30 pm,

Santa Ana College Room G-108.

Attend one session only.

Audition is required before enrolling in Dance 107, 204, or 205.
Information call the Dance Department, 714-564-5641.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
DANCE 206B, MODERN DANCE II 2 UNITS					
<i>Continued study in modern dance emphasizing movement technique, dance vocabulary and creative individual expression. Includes an introduction to choreographic principles and cultural context of modern dance. Video, concerts and master classes enrich the course. Dance 206B is a continuation and refinement of work begun during Dance 206A.</i>					
Prerequisite: Dance 206A or Audition.					
35019	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
	11:00a-12:55p	Th		SAC G-108	
DANCE 209, MODERN DANCE III 2 UNITS					
<i>Provides the continuing modern dance student opportunity to concentrate on more advanced steps and development of technical skills. Emphasizes combinations, choreography and performance style. Dance 206 recommended.</i>					
35021	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
	11:00a-12:55p	Th		SAC G-108	
DANCE 210, MODERN DANCE IV 2 UNITS					
<i>Continuing study of technique including more complicated combinations and advanced material. Emphasizes movement, expression, composition techniques and comparison of modern dance styles. Dance 209 recommended. May be repeated.</i>					
35029	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
	11:00a-12:55p	Th		SAC G-108	
DANCE 213, BALLET III 2 UNITS					
<i>Study of ballet technique and terminology on the intermediate level. Course content includes center adagio, jumps with beats, pirouettes, and movement combinations. Intermediate variations are also presented.</i>					
35031	9:05a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	Tu	Perez M	SAC G-108	
	9:05a-10:55a	Th		SAC G-108	
DANCE 214, BALLET IV 2 UNITS					
<i>Continuing study of technique and terminology. Emphasizes longer, more intricate movement combinations and development of balletic style. Stresses expression and technique at high/intermediate level. Includes some kinesiology, ballet history, and comparisons of various ballet styles.</i>					
35035	9:05a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	Tu	Perez M	SAC G-108	
	9:05a-10:55a	Th		SAC G-108	
DANCE 219A, JAZZ DANCE I 2 UNITS					
<i>Introduction to jazz dance emphasizing movement technique, vocabulary and creative expression. Includes an introduction to choreographic principles and cultural context of jazz. Historical and contemporary forms are studied. Videos, concerts and master classes enrich the course.</i>					
35036	1:00p-2:00p	M	Gillette H	SAC G-108	Full Semester
	2:05p-3:00p	M	Gillette H	SAC G-108	
	1:00p-3:00p	W		SAC G-108	
DANCE 219B, JAZZ DANCE II 2 UNITS					
<i>Continued study in jazz dance emphasizing movement technique, vocabulary and creative expression. Includes an introduction to choreographic principles and cultural context of jazz. Historical and contemporary forms are studied. Movement repertoire differs from 219A.</i>					
35037	1:00p-2:00p	M	Gillette H	SAC G-108	Full Semester
	2:05p-3:00p	M	Gillette H	SAC G-108	
	1:00p-3:00p	W		SAC G-108	
35038	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	SAC G-108	
	5:00p-6:55p	Th		SAC G-108	
DANCE 220, JAZZ DANCE III 2 UNITS					
<i>Instruction for the continuing jazz dance student in intermediate jazz steps and further development of technical skills. Emphasis will be placed on combinations, choreography, performance style and cultural context of jazz. Historical and contemporary forms are studied. Dance 219B recommended.</i>					
35043	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	SAC G-108	
	5:00p-6:55p	Th		SAC G-108	
DANCE 221, JAZZ DANCE IV 2 UNITS					
<i>Continuing study of jazz dance concentrating on advanced combinations with emphasis on movement technique, vocabulary and performance style. Includes study of choreography, cultural context of jazz and comparisons of historical and contemporary jazz styles. Dance 220 recommended.</i>					
35044	5:00p-6:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	SAC G-108	
	5:00p-6:55p	Th		SAC G-108	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
DANCE 240A, REPERTORY I 2 UNITS					
<i>Student develop and improve rehearsal and performance skills through learning a repertoire of dances. Includes preparation for public concerts and performances at different venues. Dances vary each semester.</i>					
35046	3:15p-4:10p	M	Kikawa E	SAC G-108	Full Semester
	4:15p-5:15p	M	Kikawa E	SAC G-108	
	3:15p-5:15p	W		SAC G-108	
Audition required. See schedule for information					
DANCE 240B, REPERTORY II 2 UNITS					
<i>Continued refinement of rehearsal and performance skills through learning a more difficult repertoire of dances. Includes preparation for public concerts and performances at different venues. Dances vary each semester.</i>					
35047	2:15p-3:05p	F	Kikawa E	SAC G-108	Full Semester
	3:10p-4:30p	F	Kikawa E	SAC G-108	
1.5 hours arranged each week					
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>					
36245	11:00a-12:55p	Tu	Gillette H	SAC G-108	Full Semester
DANCE 297, SPECIAL STUDIES IN JAZZ DANCE 1 UNIT					
<i>An intermediate/advanced level course offering individualized and accelerated instruction in jazz dance techniques.</i>					
35050	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	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.					
35056	9:05a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	Tu	Perez M	SAC G-108	
35055	7:00p-7:50p	M	Chavez R	SAC G-108	Full Semester
	7:55p-9:10p	M	Chavez R	SAC G-108	

DIESEL

DIESEL 008, OXYACETYLENE-ARC WELDING 3 UNITS					
<i>Technical knowledge and basic skills needed for occupational oxyacetylene and arc welding processes and applications. Students must furnish safety equipment. (Same as Automotive Technology 008 and Welding 008.)</i>					
35695	8:00a-11:30a	Tu Th	Moreno G	SAC K-101	Full Semester
35696	6:00p-9:30p	Tu Th	Moreno G	SAC K-101	Full Semester
DIESEL 009, CHASSIS OVERHAUL 8 UNITS					
<i>Inspection, service and overhaul procedures used on medium and heavy duty axles, steering and suspension components, clutches, transmissions, drivelines, differentials and air brake systems.</i>					
35697	6:30p-10:40p	M Tu W Th	Hogue T	SAC K-115	Full Semester
DIESEL 032, DIESEL FUEL INJECTION SYSTEMS SERVICE 5 UNITS					
<i>Theory, testing, and service of mechanical and electronic diesel fuel injection systems. Engine tune-up and troubleshooting techniques on current production heavy-duty diesel engines. Students must furnish safety equipment and protective clothing.</i>					
35698	8:00a-12:10p	Tu Th	Hogue T	SAC J-101	Full Semester
DIESEL 095, DIESEL LAB EXPERIENCE 0.5 - 4 UNITS					
<i>This diesel lab course is designed to give the diesel student lab experience in a diesel course previously completed with a grade of C or better. The student must be enrolled by the instructor. Students must furnish hand tools and safety equipment. May be repeated to a maximum of 4 units. (Same as Automotive Technology 095.)</i>					
Open Entry / Open Exit					
35699	TBA		Hogue T	SAC J-101	Full Semester

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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>					
35200	8:00a-9:25a	Tu Th	Coyne C	SAC R-124	Full Semester
35203	8:00a-9:25a	M W	Eastmond D	SAC R-111	Full Semester
35218	9:00a-12:10p	F	Eastmond D	SAC R-126	Full Semester
35211	9:00a-12:10p	Sa	Greenwood R	SAC R-111	Full Semester
35221	1:15p-4:25p	W	Coyne C	SAC R-111	Full Semester
35210	7:00p-10:10p	W	Staff	SAC R-126	Full Semester

EARTH SCIENCE 115, EARTH SCIENCE FOR EDUCATORS 4 UNITS					
<i>The study of the dynamic forces shaping the earth, including its oceans and atmosphere. This class is open to all majors but is oriented towards enhancing the earth science knowledge of future teachers. Also includes an introduction to the solar system. Not open to students who are enrolled or have credit in Earth Science 110, Geology 101 or Geography 101.</i>					
35224	9:45a-12:55p	Tu	Coyne C	SAC R-328	Full Semester
	9:45a-12:55p	Th	Coyne C	SAC R-328	

EARTH SCIENCE 150, INTRODUCTION TO OCEANOGRAPHY 3 UNITS					
<i>Introductory study of the ocean and its topography, sediments, circulation, shoreline processes, biological productivity and mineral resources. (Same as Geology 150.)</i>					
35346	11:30a-12:55p	M W	Hughes P	SAC R-111	Full Semester

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. Mathematics 060/061 and Speech Communication 097 or Communication 097 are recommended.</i>					
Prerequisite: Mathematics 080/081.					
33940	8:00a-9:25a	M W	Montes A	SAC D-209	Full Semester
33942	8:00a-9:25a	Tu Th	Shah S	SAC I-202	Full Semester
33944	9:45a-11:10a	Tu Th	Montes A	SAC D-209	Full Semester
33941	9:45a-11:10a	M W	Montes A	SAC D-209	Full Semester
33996	TBA		Ho L	SAC WEB	Full Semester

Section 33996 online instruction plus mandatory on campus meetings: Saturdays 8/28, 11/6, 12/4 from 10:00-11:30am in SAC-A-211. Go to www.sac.edu/disted for more information. Email instructor first week of class (ho_lac@sac.edu).					
33945	11:30a-12:55p	Tu Th	Montes A	SAC D-209	Full Semester
33946	7:00p-10:10p	W	Montes A	SAC D-101	Full Semester
33947	7:00p-10:10p	Th	Meister D	SAC D-208	Full Semester

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 060/061, and Speech Communication 097 or Communication 097 are recommended.</i>					
Prerequisite: Mathematics 080/081.					
33999	8:00a-9:25a	Tu Th	Montes A	SAC D-209	Full Semester
34000	11:30a-12:55p	M W	Montes A	SAC D-209	Full Semester
33998	TBA		Ho L	SAC WEB	Full Semester

Section 33998 online instruction plus mandatory on campus meetings: Saturdays 8/28, 11/6, 12/4 from 11:40-1:10pm in SAC A-211. Go to www.sac.edu/disted for more information. Email instructor first week of class (ho_lac@sac.edu).					
--	--	--	--	--	--

EDUCATION

EDUCATION 100, INTRODUCTION TO EDUCATION 3 UNITS					
<i>Introduction to the field of education including historical and philosophical perspectives; school governance and funding; societal influences and student diversity; school curriculum standards; professional standards and teaching performance expectations. Two to three additional hours per week will be arranged for field experience in a local school. Minimum of 32 hours total is required.</i>					
36371	1:00p-2:25p	Tu Th	Naman T	SAC B-33	Full Semester
			2 hours arranged each week		
36370	6:00p-9:10p	Tu	Silverman L	SAC I-102	Full Semester
			2 hours arranged each week		

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
EDUCATION 204, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR SECONDARY TEACHERS EDUCATIONAL TECHNOLOGIES FOR SECONDARY 3 UNITS					
<i>Development of personal proficiency in educational technology to facilitate the teaching process. Training in computer hardware and software terminology; spreadsheets, word processing, publication, and presentation applications; Internet search and retrieval; information literacy; electronic communication and awareness of legal and ethical issues.</i>					
36372	TBA		Staff	SAC WEB	Full Semester
Section 36372 combines online instruction plus mandatory on-campus meetings on Wed, Aug 25, Sept 08, 22, Oct 06, 20, Nov 03, 17, Dec 01 from 7-10pm in SAC, T-203. Go to www.sac.edu/disted for more information.					

EDUCATION 205, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGY FOR ELEMENTARY TEACHERS 3 UNITS					
<i>Development of proficiency in educational technology to facilitate the teaching process. Training in computer hardware and software terminology; spreadsheet, word processing, publication, and presentation applications; Internet search and retrieval; information literacy; electronic communication and awareness of legal and ethical issues.</i>					
36373	TBA		Staff	SAC WEB	Full Semester
Section 36373 combines online instruction plus mandatory on-campus meetings on Wed, Aug 25, Sept 08, 22, Oct 06, 20, Nov 03, 17, Dec 01 from 7-10pm in SAC, T-203. Go to www.sac.edu/disted for more information.					

EMERGENCY MEDICAL TECHNICIAN

EMERGENCY MEDICAL TECHNICIAN 100, EMERGENCY MEDICAL TECHNICIAN I - (BASIC) 6 UNITS					
<i>Basic course for EMT-1 Basic. Satisfies requirements for County/State EMS Authority. Prepares student to take O.C.E.M.S./National Registry certifying exam for state certification.</i>					
33622	8:30a-10:55a	Tu Th	Dethlefsen E	SAC R-307	Full Semester
	11:00a-12:50p	Tu 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.

33621	12:30p-2:55p	M W	Dethlefsen E	SAC R-307	Full Semester
	3:00p-4:55p	M W	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.

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>					
33623	8:00a-5:00p	F	Dethlefsen E	SAC R-203	10/29-12/12

EMERGENCY MEDICAL TECHNICIAN 111, RECERTIFICATION FOR EMT I-BASIC 2 UNITS					
<i>Update emergency medical techniques, equipment, and EMSA policies. Meets state requirements for EMT-1 Basic recertification.</i>					

33624	8:30a-12:30p	F Sa	Dethlefsen E	SAC R-307	10/01-10/09
	1:00p-5:10p	F Sa	Staff	SAC R-307	

A current American Heart Association CPR card for HEALTH CARE PROVIDER and valid EMT 1 (Basic) certificate is required to be shown the first day of class for ALL EMT re-certification students.

ENGINEERING

ENGINEERING 012, AEC BLUEPRINT READING 3 UNITS					
<i>Reading and interpreting blueprints for Architecture, Civil Engineering, Construction, (AEC). Information in this course provides preparation for more advanced AEC coursework. Recommended for students with no prior course(s) in blueprint reading.</i>					
34203	6:00p-10:10p	W	Staff	SAC A-216	Full Semester
1 hour arranged per week.					

ENGINEERING 051, BASIC TECHNICAL DRAWING 3 UNITS					
<i>Principles of mechanical drawing including projections, views, dimensions, and conventions, utilizing sketches and computer drafting program. Designed for students with no prior mechanical drawing experience. Suggested preparation: Engineering 183 (may be taken concurrently).</i>					
Material Fee(s): \$4					
34177	6:00p-10:10p	W	Staff	SAC A-216	Full Semester
2 hours arranged per week.					

Online Counseling Now Available!
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

ENGINEERING 100A, INTRODUCTION TO ENGINEERING TO MECHANICAL, INDUSTRIAL, ELECTRICAL **2 UNITS**
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.
Material Fee(s): \$2
 34171 4:00p-5:55p M Takahashi C SAC A-214 Full Semester
 Section 34171 combines mandatory on-campus meetings every Mon, 4:00pm-5:55pm, SAC A-214 plus online instruction.

ENGINEERING 100B, INTRODUCTION TO ARCHITECTURE/CIVIL ENGINEERING / CONSTRUCTION (AEC) **2 UNITS**
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.
Material Fee(s): \$2
 34173 4:00p-5:55p M Takahashi C SAC A-214 Full Semester
 Section 34173 combines mandatory on-campus meetings every Mon, 4:00pm-5:55pm, SAC A-214 plus online instruction.

ENGINEERING 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 Manufacturing Technology 103.)
 37342 7:00p-10:10p W Cole J SAC T-203-1 Full Semester
 2 hours arranged per week
 37343 7:00p-10:10p Tu Corley G SAC T-203 Full Semester
 2 hours arranged per week

ENGINEERING 104, SOLIDWORKS INTERMEDIATE SOLID MODELING **3 UNITS**
Intermediate course for solid modeling, includes a review of the introductory class and changes to the Solidworks interface. Instruction in the use of intermediate Solidworks part modeling skills such as assembly modeling and sub-assemblies is included. (Same as Manufacturing Technology 104.)
 Prerequisite: Engineering 103.
 37344 7:00p-10:10p Th Cole J SAC T-203-1 Full Semester
 2 hours arranged per week

ENGINEERING 110, ADVANCED CAD APPLICATIONS **0.5 - 4 UNITS**
Individual skill development for advanced students desiring to learn special applications using college licensed computer drafting and design software. Each 0.5 unit of credit requires 24 laboratory hours. Suggested preparation: Engineering 184.
 Open Entry / Open Exit
Material Fee(s): \$2
 34204 TBA Staff SAC A-225 Full Semester
 Go to www.sac.edu/disted for more information. Email instructor first week of class.

ENGINEERING 112, SOCIETY AND THE BUILT ENVIRONMENT **3 UNITS**
An introductory course that explores the far reaching impacts of society on the built environment. A multidisciplinary examination of Western and Non-Western society's ethics, economics, culture, processes, technology and tools on trends and developments of the built environment.
 34205 TBA Sherod S SAC WEB Full Semester
 Go to www.sac.edu/disted for more information. Email instructor first week of class (Sherod_Susan@sac.edu)

ENGINEERING 114, GEOMETRIC DIMENSIONING AND TOLERANCING **3 UNITS**
Drawing interpretation utilizing geometric dimensioning and tolerancing (ANSI Y14.5) as applied in engineering, manufacturing, and inspection. Suggested preparation: Prior or concurrent enrollment in Engineering 011 or Engineering 122. (Same as Manufacturing Technology 114.)
 36839 7:00p-10:10p Th Staff SAC A-216 Full Semester

ENGINEERING 122, ENGINEERING DRAWING **3 UNITS**
Principles of engineering drawing: projections, views, sections, dimensions, tolerancing, assemblies, manufacturing processes, engineering drafting practices. Utilizing sketches and computer drafting program. Suggested preparation: Engineering 051 and 183 (Engineering 183 may be taken concurrently).
Material Fee(s): \$4
 34184 6:00p-10:10p Tu Takahashi C SAC A-214 Full Semester
 Section 34184 combines mandatory on-campus meetings every Tues, 6:00pm-10:10pm, SAC A-214 plus online instruction.

ENGINEERING 124, ADVANCED DRAWING **3 UNITS**
Advanced topics in engineering drawing and design - working drawings, fasteners, cams, gears, auxiliary views, advanced sectioning, dimensioning, tolerancing. Utilizing sketches and computer drafting program. Suggested preparation: Engineering 122 or 125.
Material Fee(s): \$4
 34185 6:00p-10:10p Tu Takahashi C SAC A-214 Full Semester
 Section 34185 combines mandatory on-campus meetings every Tues, 6:00pm-10:10pm, SAC A-214 plus online instruction.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

ENGINEERING 130A, CATIA SOLID MODELING I **3 UNITS**
Introductory course in parametric solid modeling CAD using CATIA software. Topics include: CAD overview, sketching, basic solid model creation (base features, extrudes, revolves, etc.) sketch constraints, reference elements, hole features, feature editing, assembly and drawing creation.
Software Utilized: CATIA V.5.R19
 34175 4:00p-5:55p Tu Gutierrez M SAC A-214 Full Semester
 6:00p-6:55p Tu Gutierrez M SAC A-225
 4:00p-5:55p W Gutierrez M SAC A-225

ENGINEERING 130B, CATIA SOLID MODELING II **3 UNITS**
Intermediate course in parametric solid modeling CAD using CATIA software. Topics include: intermediate/advanced level sketching, modeling (ribs, slots, lofts), feature transformation, assembly modeling, drafting workbench, surface modeling, and other CATIA modules.
 Prerequisite: Engineering 130A.
Software Utilized: CATIA V.5.R19
 36619 4:00p-5:55p Tu Gutierrez M SAC A-225 Full Semester
 4:00p-5:55p W Gutierrez M SAC A-214
 6:00p-6:55p W Gutierrez M

ENGINEERING 132, INTRODUCTION TO ROBOTICS **3 UNITS**
Introductory course in robotics. Topics include history of robotics, impact of robotics in modern engineering, industrial automation, emerging technologies, basic design, sensors, circuitry, actuators, mechanics, programming, and a hands-on robot design and construction project.
 34178 7:00p-10:10p M Takahashi C SAC A-214 Full Semester
 2 hours arranged per week.

ENGINEERING 140A, PROENGINEER SOLID MODELING I **3 UNITS**
Introductory course in parametric solid modeling CAD using ProEngineer software. Topics include sketches, sketch constraints, part modeling and editing, assemblies, drawing creation and views, dimensioning, and annotations.
Software Utilized: ProEngineer Wildfire 4.0
 34174 4:00p-6:55p Th Rodriguez Ponce L SAC A-214 Full Semester
 2 hours arranged per week.

ENGINEERING 142, ARCHITECTURE/CIVIL ENGINEERING/CONSTRUCTION (AEC) DRAFTING STANDARDS **4 UNITS**
Basic AEC graphic standards using computer drafting. Topics include plans, elevations, sections, schedules, structures, abbreviations, lettering, symbols and linetypes. Recommended preparation Engineering 012 and 184.
 Prerequisite: Engineering 183.
Material Fee(s): \$4
 36312 4:00p-6:55p Th Safa W SAC A-216 Full Semester
 4 hours arranged per week.

ENGINEERING 165, INTRODUCTION TO ENERGY **3 UNITS**
Students will gain a broad understanding of energy concepts, efficiencies, conservation, distribution, careers and cost-benefit analysis of energy resource use. The study of both renewable and non-renewable energy will be included.
 35667 7:00p-10:10p Th Takahashi C SAC A-214 Full Semester

ENGINEERING 175, INTRODUCTION TO ENERGY ANALYSIS **4 UNITS**
This course is focused on energy analysis with respect to energy conservation, energy auditing, and CA Title 24 requirements. Calculations will be performed manually and with the assistance of software applications. Career tracks in energy analysis will be explored. Energy concepts, heat loss calculations, basic solar concepts, site selection, design improvements, appliances, and utility systems will be covered within this course.
 36568 7:00p-10:10p Tu Staff SAC A-216 Full Semester
 3 hours arranged per week.

ENGINEERING 183, AUTOCAD I - COMPUTER AIDED DRAFTING **3 UNITS**
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.
Material Fee(s): \$4
Software Utilized: AutoCAD 2010
 34196 4:00p-8:10p M Sherod S SAC A-216 Full Semester
 4:00p-8:10p M Sherod S SAC A-216
 Section 34196 combines mandatory on-campus meetings every Mon, 4:00pm-8:10pm, SAC A-216 plus online instruction.

W 34187 8:00a-12:00p Sa Fonseca J SAC A-216 Full Semester
 2 hours arranged per week.
 34186 8:30a-12:30p F Caldin R SAC A-216 Full Semester
 2 hours arranged per week.
 34201 6:00p-10:10p W Galvez R SAC A-214 Full Semester
 2 hours arranged per week.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGINEERING 184, AUTOCAD II - COMPUTER AIDED DRAFTING 3 UNITS					
<i>Intermediate course in the use of AutoCAD software. Topics include blocks, hatches, attributes, inquiry, and 3-D introduction. Recommended preparation: Engineering 183.</i>					
Material Fee(s): \$4					
Software Utilized: AutoCAD 2010					
34198	4:00p-8:10p	M	Sherod S	SAC A-216	Full Semester
Section 34198 combines mandatory on-campus meetings every Mon, 4:00-8:10pm, SAC A-216 plus online instruction.					
34188	8:30a-12:30p	F	Caldin R	SAC A-216	Full Semester
2 hours arranged per week.					
34202	6:00p-10:10p	W	Galvez R	SAC A-214	Full Semester
2 hours arranged per week.					
ENGINEERING 185, AUTOCAD III - COMPUTER AIDED DRAFTING 3 UNITS					
<i>Advanced course in the use of AutoCAD software. Topics include DXF format, scripts, macros, customizing and creating image tile menus. Recommended preparation: Engineering 184.</i>					
Material Fee(s): \$4					
Software Utilized: AutoCAD 2010					
W 34189	8:00a-12:00p	Sa	Fonseca J	SAC A-216	Full Semester
2 hours arranged per week.					
ENGINEERING 186, AUTOCAD 3-DIMENSIONAL DRAWING 3 UNITS					
<i>Use of AutoCAD's 3-dimensional software. Includes 3-D models, extruding to 3-D, coordinate space, filter, and dynamic viewing. Recommended preparation: Engineering 184.</i>					
Material Fee(s): \$4					
Software Utilized: AutoCAD 2010					
34191	4:00p-6:00p	Tu W	Sherod S	SAC A-216	Full Semester
Section 34191 combines mandatory on-campus meetings every Tues and Wed, 4:00pm-6:00pm, SAC A-216 plus online instruction.					
ENGINEERING 187, ADVANCED 3-D AUTOCAD 3 UNITS					
<i>Advanced use of AutoCAD's 3-Dimensional software. Includes: merging of models, advanced modeling, calculations, 3-dimensional rendering and presentation. Suggested preparation: Engineering 186.</i>					
Material Fee(s): \$4					
Software Utilized: AutoCAD 2010					
34195	4:00p-6:00p	Tu W	Sherod S	SAC A-216	Full Semester
Section 34195 combines mandatory on-campus meetings every Tues and Wed, 4:00pm-6:00pm, SAC A-216 plus online instruction.					
ENGINEERING 188, MACHINE TECHNOLOGY SURVEY 3 UNITS					
<i>Machine tool setup and operation for students who desire general knowledge of machine tools and processes. All the basic machine tools are used. Not intended for Manufacturing Technology majors. (Same as Manufacturing Technology 188.)</i>					
Prerequisite: Successful completion or concurrent enrollment in Engineering 011, 051; Manufacturing Technology 011; or Automotive Technology 002 or 006.					
37345	9:30a-1:45p	Tu Th	Kanzler D	SAC T-107	Full Semester
37347	5:30p-9:35p	Tu Th	Gershman B	SAC T-107	Full Semester
ENGINEERING 235, STATICS 3 UNITS					
<i>The first part of mechanics, as applied to static force systems and equilibrium conditions occurring in engineering problems. Includes some graphical methods and the use of diagrams as an aid to algebraic solutions. Utilizes SI metrics.</i>					
Prerequisite: Physics 217 & Mathematic 185 (both may be taken concurrently)					
34176	4:00p-6:55p	Th	Takahashi C	SAC A-226	Full Semester



On the Road to Success!!
Build your skills in Basic Math, Reading, English and ESL – on your own time!!

The Success Center
Library Building, Room L-206

We want to help you build your basic skills! Set your own arranged hours developing the skills you need for your college classes. Sign up for IDS N04, Essential Basic Skills, 0 units, open entry/open exit.

This is YOUR center, dedicated to helping you! Come by L-206 and check it out!

ENGLISH

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGLISH N50, INTRODUCTION TO WRITTEN COMMUNICATION 3 UNITS					
<i>Introduction to written communication including autobiographical, journal and summary writing, and responding to essays. Basic grammar and punctuation. Not applicable to associate degree. Students may be referred to the Writing Center.</i>					
33748	7:30a-8:55a	M W	Mitzner R	SAC D-205	Full Semester
33749	8:00a-9:25a	Tu Th	Bromberger K	SAC B-31	Full Semester
Section 33749 is linked to Counseling 107, The Freshman Experience, Section 34757.					
Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
33744	8:00a-9:25a	Tu Th	Harris J	SAC D-201	Full Semester
33743	9:45a-11:10a	M W	Beyersdorf M	SAC D-108	Full Semester
33773	7:00p-10:10p	Tu	Kaminsky R	SAC I-208	Full Semester
33746	7:00p-10:10p	Tu	Lewitzki R	SAC I-104	Full Semester
ENGLISH N60, BASICS OF EFFECTIVE WRITING 3 UNITS					
<i>Sentence structure and paragraph writing including reading-based modeling and integrated study skills. Not applicable to associate degree. 16 additional hours in Writing Center required (one hour per week for 16-week semester sections).</i>					
Prerequisite: Grade of C or better in English N50 or qualifying profile from English placement process.					
NOTE: ENGLISH N60 CLASSES REQUIRE 16 ADDITIONAL HOURS IN WRITING CENTER. ONE HOUR PER WEEK FOR 16-WEEK SEMESTER					
33776	7:30a-9:35a	Tu Th	Daly N	SAC D-109	Full Semester
33774	7:30a-9:35a	M W	Bassett D	SAC D-108	Full Semester
33781	8:00a-10:05a	Tu Th	Beyersdorf M	SAC L-208	Full Semester
Section 33781 is linked to Counseling 107, The Freshman Experience, Section 34758.					
Enrollment in both sections is mandatory.					
See the Freshman Experience Program page in the class schedule for more information.					
35592	8:00a-10:05a	M W	Sosta R	SAC D-208	Full Semester
35040	8:00a-10:05a	M W	Campbell J	SAC I-109	Full Semester
33795	9:15a-11:20a	Tu Th	Brandon K	SAC I-206	Full Semester
33778	9:15a-11:20a	M W	Brandon K	SAC I-107	Full Semester
33794	9:45a-11:50a	Tu Th	Daly N	SAC D-201	Full Semester
33787	10:15a-12:20p	M W	Bennett G	SAC I-109	Full Semester
33785	10:15a-12:20p	M W	Bassett D	SAC I-207	Full Semester
Section 33785 is linked to Counseling 107, The Freshman Experience, Section 34755.					
Enrollment in both sections is mandatory.					
See the Freshman Experience Program page in the class schedule for more information.					
33797	11:15a-1:20p	Tu Th	Taylor J	SAC I-102	Full Semester
33779	12:30p-2:35p	M W	Bennett G	SAC I-109	Full Semester
33793	6:00p-10:15p	Th	Menke K	SAC D-303	Full Semester
33777	6:00p-10:15p	M	Read-Davidson M	SAC I-109	Full Semester
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.					
NOTE: ENGLISH 061 CLASSES REQUIRE 16 ADDITIONAL HOURS IN WRITING CENTER. ONE HOUR PER WEEK FOR 16-WEEK SEMESTER					
33457	TBA		Bennett G	SAC WEB	Full Semester
Section 33457 combines online instruction plus mandatory on campus meetings on Wed, 8/25, 9/29, 11/3 and 12/8 from 4:30-6:50pm in I-104. Go to www.sac.edu/disted for more information. Email instructor first week of class (bennett_gary@sac.edu).					
33448	7:00a-9:05a	M W	Beyersdorf M	SAC D-204	Full Semester
33518	7:00a-9:05a	Tu Th	Pecenovic N	SAC I-206	Full Semester
33515	7:00a-9:05a	M W	Kabaji N	SAC I-107	Full Semester
33466	7:30a-9:35a	Tu Th	Ramshaw C	SAC D-103	Full Semester
33512	7:30a-9:35a	M W	Tran M	SAC D-107	Full Semester
33473	7:30a-9:35a	Tu Th	Tran M	SAC D-107	Full Semester
33461	8:00a-10:05a	M W	Ramshaw C	SAC I-104	Full Semester
33469	9:00a-1:15p	F	Sosta R	SAC D-103	Full Semester
33479	9:00a-11:05a	Tu Th	Martinez Guzman D	SAC I-107	Full Semester
Punkte Section 33479 is linked to Counseling 107, The Freshman Experience, Section 34733. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
33516	9:00a-1:15p	F	Keefer S	SAC D-108	Full Semester
33471	9:30a-11:35a	Tu Th	Huck T	SAC B-31	Full Semester
Section 33471 is linked to Counseling 107, The Freshman Experience, Section 34762.					
Enrollment in both sections is mandatory.					
See the Freshman Experience Program page in the class schedule for more information.					
33502	9:45a-11:50a	M W	Martinez Guzman D	SAC D-103	Full Semester
Section 33502 is linked to Counseling 107, The Freshman Experience, Section 34764.					
Enrollment in both sections is mandatory.					
See the Freshman Experience Program page in the class schedule for more information.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
33483	11:30a-1:35p	Tu Th	Mitzner R	SAC D-213	Full Semester
Section 33483 is linked to Counseling 107, The Freshman Experience, Section 34763 and Speech 101, Introduction to Interpersonal Communication, Section 35176. Enrollment in all sections is mandatory.					
See the Freshman Experience Program page in the class schedule for more information.					
33526	11:30a-3:45p	Tu Th	Tran M	SAC D-205	08/24-10/14
16 lab hours required, two hours per week for 8-week sessions.					
33510	11:30a-3:45p	Tu Th	Barraza G	SAC D-302	08/24-10/14
16 lab hours required, two hours per week for 8-week session.					
33522	11:45a-1:50p	Tu Th	Huck T	SAC I-107	Full Semester
33485	1:00p-3:05p	Tu Th	Brandon K	SAC D-201	Full Semester
33520	1:15p-3:20p	M W	Higgins M	SAC D-304	Full Semester
33789	1:15p-3:20p	Tu Th	Jaffray S	SAC D-208	Full Semester
33487	3:45p-5:50p	M W	Higgins M	SAC D-108	Full Semester
33488	4:30p-6:35p	Tu Th	Higgins M	SAC D-201	Full Semester
33493	6:00p-10:15p	Tu	Carey J	SAC D-107	Full Semester
33500	6:00p-10:15p	Th	Johnson S	SAC D-108	Full Semester
33494	6:00p-10:15p	W	Read-Davidson M	SAC I-208	Full Semester
33491	6:00p-10:15p	Tu	Johnson S	SAC D-208	Full Semester
33480	6:00p-10:15p	Tu	Reid M	SAC D-434	Full Semester

ENGLISH 101, FRESHMAN COMPOSITION

4 UNITS

Expository and argumentative essays and the research paper. Special interest sections described in schedule of classes.

Prerequisite: Grade of C or better in English 061 or EMLS 112 or ACE 116 or qualifying profile from English placement process.

33677	TBA		Kabaji N	SAC WEB	Full Semester
Section 33677 combines online instruction plus mandatory on campus meetings: Thurs 9/2, 9/16, 10/14, 11/18 and 12/2 from 4:00-6:50 p.m. in SAC D-208. Go to www.sac.edu/disted for information. Email instructor first week of class (kabaji_noha@sac.edu).					
33708	TBA		Nguyen P	SAC WEB	Full Semester
Section 33708 combines online instruction plus mandatory on campus meetings: Mon 8/23, 9/27, 11/1, 12/6 from 4:00-5:50pm in SAC-D-305. Go to www.sac.edu/disted for information. Email instructor first week of class (nguyen_pete@sac.edu).					
33716	TBA		Bennett G	SAC WEB	Full Semester
Section 33716 combines on-line instruction and mandatory on-campus meetings on Thurs 8/26, 9/30, 11/4 and 12/9 from 4:30-6:50pm in D-214. Go to www.sac.edu/disted for more information. Email instructor first week of class (bennett_gary@sac.edu).					
33718	TBA		Pearce D	SAC WEB	Full Semester
Section 33718 combines online instruction plus mandatory on campus meetings: Thurs 8/26, 10/7, 11/4, 12/9 from 4:30-6:10pm in SAC D-105. Go to www.sac.edu/disted for information. Email instructor first week of class (pearce_dianne@sac.edu).					
33719	TBA		Pearce D	SAC WEB	Full Semester
Section 33719 combines online instruction plus mandatory on campus meetings: Thurs 8/26, 10/7, 11/4, 12/9 from 4:30-6:10pm in SAC D-105. Go to www.sac.edu/disted for information. Email instructor first week of class (pearce_dianne@sac.edu).					
33530	7:00a-9:05a	M W	Munoz J	SAC D-103	Full Semester
33532	7:30a-9:35a	Tu Th	Bassett D	SAC D-208	Full Semester
33666	8:00a-10:05a	M W	Staff	SAC D-201	Full Semester
33717	9:00a-11:05a	Tu Th	Taylor J	SAC D-102	Full Semester
33715	9:00a-11:05a	Tu Th	Dongell R	SAC I-208	Full Semester
33722	9:00a-1:15p	Sa	Gomez F	SAC I-106	Full Semester
33720	9:00a-1:15p	F	Dongell R	SAC D-102	Full Semester
33671	9:45a-11:50a	Tu Th	Pecenkovic N	SAC D-211	Full Semester
33668	9:45a-11:50a	Tu Th	Ramshaw C	SAC D-208	Full Semester
33674	9:45a-11:50a	M W	Daly N	SAC D-211	Full Semester
33723	11:30a-1:35p	M W	Brandon K	SAC D-213	Full Semester
35596	11:30a-1:35p	M W	Patterson K	SAC I-106	Full Semester
33529	11:30a-1:35p	Tu Th	Bassett D	SAC D-204	Full Semester
Section 33529 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 34629 and Psychology 100, Introduction to Psychology, Section 33397. Enrollment in all sections is mandatory.					
See the Freshman Experience Program page in the class schedule for more information.					
33712	12:45p-2:50p	Tu Th	Higgins M	SAC I-104	Full Semester
33672	1:00p-3:05p	M W	Gorrie K	SAC D-102	Full Semester
33713	1:00p-3:05p	M W	Martinez Guzman D	SAC I-206	Full Semester
33714	1:15p-3:20p	M W	Daly N	SAC D-109	Full Semester
33704	1:15p-5:30p	Tu	Lewitzki R	SAC D-209	Full Semester
33706	1:15p-3:20p	M W	Jaffray S	SAC D-212	Full Semester
33707	1:15p-5:30p	Th	Arnold G	SAC D-209	Full Semester
33721	1:45p-3:50p	Tu Th	Bromberger K	SAC D-103	Full Semester
33724	2:00p-4:05p	M W	Tran M	SAC I-208	Full Semester
33675	4:30p-6:35p	M W	Jaffray S	SAC D-103	Full Semester
33665	6:00p-10:15p	Th	Greenberg H	SAC D-211	Full Semester
33709	6:00p-10:15p	Tu	Greenberg H	SAC D-108	Full Semester
33710	6:00p-10:15p	W	Musgrove C	SAC D-108	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
33662	6:00p-10:15p	M	Gorrie K	SAC D-108	Full Semester
33711	6:00p-10:15p	W	Kaminsky R	SAC D-204	Full Semester

ENGLISH 101H, HONORS FRESHMAN COMPOSITION

4 UNITS

An enriched exposure to expository and argumentative essays and the research paper, requiring in-depth analysis of issues and substantive treatment of student selected topics.

Prerequisite: A high school or college GPA of 3.0 or above and a grade of C or better in English 061/ESL EMLS 112 or ACE 116 or qualifying profile from English placement process.

33726	7:30a-9:35a	Tu Th	Mitzner R	SAC D-211	Full Semester
35587	10:00a-12:05p	Tu Th	Patterson K	SAC D-107	Full Semester

Section 35587 is linked with Anthropology 100H section 33221.
Enrollment in both sections is mandatory.

ENGLISH 102, LITERATURE AND COMPOSITION

4 UNITS

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.

Prerequisite: A grade of C or better in English 101 or English 101H.

33729	TBA		Ramshaw C	SAC WEB	Full Semester
Section 33729 combines on-line instruction plus mandatory on-campus meetings on Mon, 8/23, 9/27, 10/25 and 11/22 from 5:00pm - 6:50pm in D-401. Go to www.sac.edu/disted for more information. Email instructor first week of class (ramshaw_charles@sac.edu).					
33730	10:15a-12:20p	M W	Carroll A	SAC D-201	Full Semester
33728	12:00p-2:05p	Tu Th	Martinez Guzman D	SAC D-102	Full Semester

ENGLISH 102H, HONORS LITERATURE AND COMPOSITION

4 UNITS

An enriched approach designed for honors students. 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.

Prerequisite: A high school or college GPA of 3.0 or above and a grade of C or better in English 101 or 101H.

33731	6:00p-10:15p	M	Patterson K	SAC D-109	Full Semester
-------	--------------	---	-------------	-----------	---------------

ENGLISH 103, CRITICAL THINKING AND WRITING

4 UNITS

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.

Prerequisite: English 101 or 101H with a grade of C or better.

33736	TBA		Beyersdorf M	SAC WEB	Full Semester
Section 33736 combines online instruction plus mandatory on campus meetings Mondays 8/23, 10/4, 11/1 and 12/6 from 5:00pm - 6:50pm in D-214. Go to www.sac.edu/disted for more information. Email instructor first week of class (beyersdorf_matthew@sac.edu).					
33737	11:30a-1:35p	M W	Munoz J	SAC D-108	Full Semester
33735	11:30a-1:35p	Tu Th	Beyersdorf M	SAC D-214	Full Semester
33733	6:00p-10:15p	M	Carroll A	SAC D-107	Full Semester
33738	6:00p-10:15p	Tu	Arnold G	SAC D-304	Full Semester

ENGLISH 103H, HONORS CRITICAL THINKING AND WRITING

4 UNITS

Enriched and intensive exploration of historical and contemporary issues. Application of critical thinking, writing and reading skills to established argumentative methods and models through student initiated discussion and problem-solving in a seminar setting.

Prerequisite: A high school or college GPA of 3.0 or above and a grade of C or better in English 101 or 101H.

35045	11:30a-1:35p	Tu Th	Bennett G	SAC I-109	Full Semester
-------	--------------	-------	-----------	-----------	---------------

ENGLISH 104, LANGUAGE AND CULTURE

3 UNITS

General introduction to the processes of human communication. Includes the relationship between languages and culture, acquisition of first and second languages, languages in contact, sociolinguistics and the effects of both language and culture on inter/intra group communication. Languages spoken in the local area are used as the basis of study. (Same as Anthropology 104.)

35182	8:00a-9:25a	Tu Th	Jaros B	SAC I-201	Full Semester
-------	-------------	-------	---------	-----------	---------------

ENGLISH 231, SURVEY OF ENGLISH LITERATURE

3 UNITS

Introductory study of representative selections of British literature from the Anglo-Saxon period to the neo-classical period. Emphasis on authors best exemplifying their period, such as Chaucer, Shakespeare, Spenser, Jonson, Milton, Donne, Dryden, Johnson, Behn, Pope and others.

Prerequisite: English 101 or 101H.

35041	7:00p-10:10p	W	Patterson K	SAC I-104	Full Semester
-------	--------------	---	-------------	-----------	---------------

ENGLISH 270, CHILDREN'S LITERATURE

3 UNITS

A study of literature for children emphasizing the history, trends, issues, and evaluation of all major genres: picture books, poetry, drama, traditional literature, non-fiction, and fiction, including full-length works.

Prerequisite: English 101 or 101H with a grade of C or better.

35042	1:15p-2:40p	M W	Mitzner R	SAC D-205	Full Semester
-------	-------------	-----	-----------	-----------	---------------

SANTA ANA COLLEGE ESL/ENGLISH FOR MULTILINGUAL STUDENTS (EMLS)

The ESL/English For Multilingual Students Program is offered by the English Department for students whose native language is not English. Courses are offered at the beginning, intermediate, and advanced levels. Initial placement into courses is the result of language testing using the ESL/EMLS Placement Test and advisement.

ESL test scores from other institutions are not accepted. ESL students who have completed ESL credit courses at other colleges and are still in need of additional English instruction must take the placement test at Santa Ana College or Santiago Canyon College, to determine which courses best meet their needs.

Courses in the program include ESL N40A, ESL N40B, ESL N49, EMLS 055, EMLS 107, EMLS 109, EMLS 110, and EMLS 112. Supplemental enrollment in speech and reading courses are shown in the diagram below. Non-native speakers of English wishing to enter the English Transfer program, which begins with English 101, must meet the following requirements:

- Completion of EMLS 112 with grade of "C" or higher
- OR Qualifying profile from ESL/EMLS placement process & advisement

The following diagram summarizes the program and requirements:

ENGLISH AS A SECOND LANGUAGE

ESL	Test Score / Placement	Recommended Speech Communication Classes	Recommended Reading Classes
ESL N40A Introduction to Academic ESL I 3 units	= Qualifying profile from ESL/EMLS placement process	None	None
ESL N40B Introduction to Academic ESL II 3 units	= Qualifying profile from ESL/EMLS placement process OR completion of ESL N40A with a grade of "Credit"	None	Reading N49A/B
ESL N49, Reading, Writing & Grammar I 3 units	= Qualifying profile from ESL/EMLS placement process OR completion of ESL N40B with a grade of "Credit"	Speech Communication N50 .5-1 unit	

ENGLISH FOR MULTILINGUAL STUDENTS

EMLS 055, Writing, Grammar and Reading I 4 units	= Qualifying profile from ESL/EMLS placement process OR completion of ESL N49 with a grade of "C" or higher	Speech Communication N52A 3 units	Reading N50AB, or Reading N80AB
EMLS 107, Writing, Grammar & Reading II 4 units	= Qualifying profile from ESL/EMLS placement process OR completion of EMLS 055 with a grade of "C" or higher	Speech Communication N52AB 3 units	Reading N80AB
EMLS 109, Writing, Grammar and Reading III 4 units	= Qualifying profile from ESL/EMLS placement process OR completion of EMLS 107 with a grade of "C" or higher	Speech Communication 096, 097 3 units Speech Communication N53 3 units	Reading N90AB or Reading 091
EMLS 110, Introduction to the Essay 3 units	= Qualifying profile from ESL/EMLS placement process OR completion of EMLS 109 with a grade of "C" or higher	Speech Communication 096, 097 3 units Speech Communication N53 3 units	

TRANSITION TO COLLEGE ENGLISH TRANSFER PROGRAM

EMLS 112, Advanced ESL Composition 3 units	= Qualifying profile from ESL/EMLS placement process OR completion of EMLS 110 with a grade of "C" or higher	Speech Communication N50 3 units	Reading 102.
--	--	-------------------------------------	--------------

COLLEGE ENGLISH TRANSFER PROGRAM

English 101 OR 101H Freshman Composition 4 units	= Qualifying profile from English placement process OR completion of EMLS 112 with a grade of "C" or higher	Speech Communication 101 Introduction to Interpersonal Communication 3 units Speech Communication 102 Public Speaking 3 units	Reading 150.
---	---	--	--------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

ENGLISH AS A SECOND LANGUAGE

ENGLISH AS A SECOND LANGUAGE N40A, INTRODUCTION TO ACADEMIC ESL I 3 UNITS

A beginning academic ESL course for students who have had some exposure to English. Practice in listening, speaking, reading, grammar, and study skills. Controlled writing at the sentence level. Lab may be required. Not applicable to associate degree.

33801	12:30p-3:35p	MW	Kim H	SAC I-207	Full Semester
33803	7:00p-10:05p	Tu Th	Kim H	SAC I-206	Full Semester

ENGLISH AS A SECOND LANGUAGE N40B, INTRODUCTION TO ACADEMIC ESL II 3 UNITS

A beginning academic ESL course for students who have had some exposure to English. Further practice in listening, speaking, reading, grammar, and study skills. Controlled writing at the sentence level. Lab may be required. Not applicable to associate degree.

33804	11:00a-2:05p	MW	Keith K	SAC L-202	Full Semester
33806	7:00p-10:05p	MW	Beaver D	SAC I-206	Full Semester

ENGLISH AS A SECOND LANGUAGE N49, READING, WRITING AND GRAMMAR I 3 UNITS

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.

Prerequisite: ESL N40B.

**NOTE: ESL N49 CLASSES REQUIRE 16 LAB HOURS.
ONE HOUR PER WEEK FOR 16-WEEK SEMESTER**

33811	8:00a-11:05a	MW	Lewis M	SAC D-109	Full Semester
33807	8:00a-11:05a	Tu Th	Keith K	SAC I-109	Full Semester
33246	7:00p-10:05p	MW	Baker E	SAC D-213	Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS

ENGLISH FOR MULTILINGUAL STUDENTS 055, WRITING, GRAMMAR AND READING I 4 UNITS

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).

Prerequisite: Grade of C or better in ESL N49 or qualifying profile from ESL placement process.

**NOTE: EMLS 055 CLASSES REQUIRE 16 LAB HOURS.
ONE HOUR PER WEEK FOR 16-WEEK SEMESTER**

33775	8:00a-11:05a	Tu Th	Simmons K	SAC I-104	Full Semester
33244	9:45a-12:50p	MW	Hassel E	SAC D-212	Full Semester
33245	11:30a-2:35p	Tu Th	Mowrer M	SAC D-212	Full Semester
33661	7:00p-10:05p	MW	Simmons K	SAC I-106	Full Semester
33664	7:00p-10:05p	Tu Th	Zamojska C	SAC D-201	Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS 107, WRITING, GRAMMAR AND READING II 4 UNITS

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).

Prerequisite: Grade of C or better in EMLS 055 or qualifying profile from ESL placement process.

**NOTE: EMLS 107 CLASSES REQUIRE 16 LAB HOURS.
ONE HOUR PER WEEK FOR 16-WEEK SEMESTER**

33673	8:00a-11:05a	MW	Hicks R	SAC B-31	Full Semester
Section 33673 is of interest to Auto Technology and Welding students. Open to all students.					
33669	8:00a-11:05a	Tu Th	Dwyer D	SAC I-106	Full Semester
33678	11:00a-2:05p	MW	Mallory L	SAC I-104	Full Semester
33676	11:15a-2:20p	Tu Th	Mallory L	SAC I-207	Full Semester
33680	7:00p-10:05p	Tu Th	Mowrer M	SAC D-209	Full Semester
33679	7:00p-10:05p	MW	Mowrer M	SAC D-214	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

ENGLISH FOR MULTILINGUAL STUDENTS 109, WRITING, GRAMMAR AND READING III 4 UNITS

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).

Prerequisite: Grade of C or better in EMLS 107 or qualifying profile from ESL placement process.

**NOTE: EMLS 109 CLASSES REQUIRE 16 LAB HOURS.
ONE HOUR PER WEEK FOR 16-WEEK SEMESTER**

33687	8:00a-11:05a	Tu Th	Hicks R	SAC D-213	Full Semester
33682	8:00a-11:05a	MW	Dwyer D	SAC I-206	Full Semester
33683	8:00a-11:05a	MW	Ehresmann B	SAC D-213	Full Semester
33684	8:00a-11:05a	Tu Th	Lewis M	SAC D-108	Full Semester
33688	12:00p-3:05p	MW	Naum M	SAC D-107	Full Semester
33690	12:15p-3:20p	Tu Th	Ehresmann B	SAC D-108	Full Semester
33689	7:00p-10:05p	MW	Josifek J	SAC D-201	Full Semester
33693	7:00p-10:05p	Tu Th	Cavina K	SAC D-204	Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS 110, INTRODUCTION TO THE ESSAY 3 UNITS

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.

Prerequisite: Grade of C or better in EMLS 109 or qualifying profile from ESL placement process.

**NOTE: EMLS 110 CLASSES REQUIRE 16 HOURS IN WRITING CENTER.
ONE HOUR PER WEEK FOR 16-WEEK SEMESTER**

33695	11:30a-1:35p	MW	Lewis M	SAC I-208	Full Semester
33696	12:00p-2:05p	Tu Th	Dwyer D	SAC I-204	Full Semester
33694	12:00p-2:05p	MW	Ehresmann B	SAC D-210	Full Semester
33698	6:00p-10:15p	Tu	Hassel E	SAC I-207	Full Semester
33697	6:00p-10:15p	W	Livote M	SAC I-207	Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS 112, ADVANCED COMPOSITION 3 UNITS

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.

Prerequisite: Grade of C or better in EMLS 110 or qualifying profile from ESL placement process.

**NOTE: EMLS 112 CLASSES REQUIRE 16 HOURS IN WRITING CENTER.
ONE HOUR PER WEEK FOR 16-WEEK SEMESTER**

33702	8:00a-12:15p	F	Beasley J	SAC D-214	Full Semester
33700	8:00a-10:05a	MW	Keith K	SAC I-106	Full Semester
33699	4:45p-6:50p	Tu Th	Woodruff S	SAC D-103	Full Semester
33703	6:00p-10:15p	Th	Myers D	SAC D-305	Full Semester
33701	6:00p-10:15p	M	Cervantes M	SAC I-208	Full Semester

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

FIRST CLASS MEETING

Make sure you attend the first class meeting!

Attendance at the first meeting of a class is advised because of enrollment demands. Any student not reporting to the first class meeting may be dropped from the roll sheet.

ENTREPRENEURSHIP

ENTREPRENEURSHIP 100, INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP

3 UNITS

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.

34153 6:00p-9:10p W Doolittle G SAC A-207 Full Semester

ENTREPRENEURSHIP 101, ENTREPRENEURS AND SUCCESS

1 UNIT

Learn the psychology of becoming a successful entrepreneur. Discover how to find your flow and stay on course. Learn the habits of highly successful entrepreneurs. Discover how cutting-edge communication, design and technology are 21st century drivers of success.

34154 6:00p-10:00p Tu Thomason A SAC A-207 08/24-09/14

ENTREPRENEURSHIP 102, ENTREPRENEURIAL IDEAS AND CREATIVITY

1 UNIT

Discover that business creativity is a process that can be learned. Practice the process of searching for new business ideas using proven methods. Turn your creativity into business ideas.

34155 6:00p-10:00p Tu Staff SAC A-207 09/21-10/12

ENTREPRENEURSHIP 103, INNOVATIONS AND OPPORTUNITIES

2 UNITS

Learn how to search for and create a good business opportunity. Learn how to turn business ideas into entrepreneurial opportunities. Explore and map personal specific knowledge to create business innovation.

34156 6:00p-10:10p Tu Hobbs R SAC A-207 10/19-12/07

ENTREPRENEURSHIP 104, BUSINESS MODELS

2 UNITS

Learn what a business model is and learn if a business model will make money. Discover how to filter business opportunities. Learn how to project whether business opportunities can be scalable, can target identifiable markets, and can achieve profitability.

34157 6:00p-10:10p Th Staff SAC A-207 08/26-10/14

ENTREPRENEURSHIP 105, MARKET VALIDATION AND BOOTSTRAP MARKETING

2 UNITS

Learn to design a research strategy to discover what you need to know about your customer and your market. Discover how to implement a market validation strategy and learn how to do more with marketing while spending less. Learn that customers drive a business.

34159 6:00p-10:10p Th Staff SAC A-207 10/21-12/09

Section 34159 combines mandatory on-campus meetings every Thurs, 6:00pm-10:10pm, SAC A-207 plus online instruction.

ENVIRONMENTAL STUDIES

ENVIRONMENTAL STUDIES 140, ENVIRONMENTAL GEOLOGY

3 UNITS

Study of urban geologic hazards: earthquakes, groundwater pollution, flood potential, landslides and creep, soil expansion, coastal erosion, and volcanic hazards. (Same as Geology 140).

35314 11:30a-12:55p Tu Th Hughes P SAC R-111 Full Semester

ENVIRONMENTAL STUDIES 200, ENVIRONMENT OF MAN

3 UNITS

A biological and physical science introduction to environmental problems such as energy, resources, pollution, land use, population and food, including economic and political factors. A natural science elective. (Same as Biology 200 and Science 200.)

34990 7:00p-10:10p Tu Chlup I SAC R-228 Full Semester

ETHNIC STUDIES

ETHNIC STUDIES 101, INTRODUCTION TO ETHNIC STUDIES

3 UNITS

Historical and cultural survey of ethnic groups and relations in the U.S. among Euro-Americans, Native Americans, Asian Pacific Americans, African Americans, and Mexican Americans/Latinos from the pre-Columbian period to the present.

33247 11:15a-12:40p M W Herrera Thomas H SAC D-102 Full Semester

33248 7:00p-10:10p M Briceno G SAC D-208 Full Semester

EXERCISE SCIENCE ACTIVITIES

E.S. ACTIVITIES 107, BADMINTON

1 UNIT

Instruction in the fundamental skills and strategies of badminton.

35546 7:00p-10:10p Tu Ogas D SAC G-105 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

E.S. ACTIVITIES 123, PERSONAL FITNESS TRAINING

1 UNIT

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.

36342 TBA Jones G SAC WEB Full Semester

E.S. ACTIVITIES 140, KARATE

1 UNIT

This course is designed to offer instruction in the Japanese art of Karate for beginning level students. Basic movements such as stances, blocking, kicking and striking are taught.

35649 6:30p-7:55p M W Hines D SAC W-111 Full Semester

E.S. ACTIVITIES 150, HATHA YOGA

1 UNIT

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.

36541 8:30a-9:55a Tu Th Rapoza J SAC W-107 Full Semester

35590 10:05a-11:30a M W Staff SAC W-106 Full Semester

E.S. ACTIVITIES 155, SELF-DEFENSE

1 UNIT

Instruction in personal safety and self-protection including the effective use of hands, knees, elbows, feet, and the mind. Proficiency with everyday objects such as weapons and defense against common street weapons is also stressed.

35653 7:30p-8:55p Tu Th Juliano R SAC W-111 Full Semester

E.S. ACTIVITIES 220, BASKETBALL

1 UNIT

Instruction and practice in the fundamentals, rules, strategies, philosophies and theories of individual and team basketball.

35473 11:00a-12:25p Tu Th Brown M SAC G-105 Full Semester

35469 7:00p-10:10p M Brown M SAC G-105 Full Semester

E.S. ACTIVITIES 265, INDOOR-SOCCER

1 UNIT

Fast moving, action filled soccer played in a smaller indoor area. Emphasis is placed on techniques and tactics needed to best perform in the sport of soccer.

35489 6:00p-9:10p W Coffman J SAC W-107 Full Semester

EXERCISE SCIENCE ADAPTED ACTIVITIES

E.S. ADAPTED ACTIVITIES 202, ADAPTED CIRCUIT WEIGHT TRAINING

0.5 UNIT

The class is an individually structured circuit exercise program for students with disabilities.

36340 1:00p-1:50p M W Brown M SAC E-102 Full Semester

E.S. ADAPTED ACTIVITIES 205, ADAPTED BADMINTON

0.5 UNIT

Fundamentals of badminton play, teamwork, rules and court strategy, are introduced for the temporarily and permanently disabled student.

36341 10:00a-10:50a Tu Th Brown M SAC G-105 Full Semester

E.S. ADAPTED ACTIVITIES 208, ADAPTED AEROBICS

0.5 UNIT

Various aerobic and stretching exercises set to music and performed to tone the body, improve cardiovascular endurance, and increase one's ability to exercise safely and effectively.

35547 10:00a-10:50a M W Siddons A SAC G-105 Full Semester

Ethnic Studies Degree Courses

COURSE

DESCRIPTION

ANTH 100	Introduction to Cultural Anthropology
ART 104	Mexican & Chicano/Chicana Art History
CHIC ST 101	Introduction to Chicano Studies
DNCE 105	World Dance and Cultures
DNCE 113A/B	Flamenco Dance
ETH ST 101	Introduction to Ethnic Studies
HIST 101	World Civilizations to the 16th Century
HIST 102	World Civilizations Since the 16th Century
HIST 124	Mexican American History in the U.S.
HIST 153	History of Mexico
HUM DEV 221	Cross Cultural Perspectives in Early Childhood Education
MUS 103	Jazz in America
SOC 100	Introduction to Sociology
SPAN 101	Elementary Spanish I
SPAN 102	Elementary Spanish II
VIET 101	Elementary Vietnamese I
VIET 102	Elementary Vietnamese II

EXERCISE SCIENCE AEROBIC FITNESS

E.S. AEROBIC FITNESS 140, WALKING/JOGGING FOR FITNESS 1 UNIT

This course will emphasize cardiovascular walking/jogging for health and fitness for men and women who are interested in instruction and practice in cardiovascular conditioning. The walking/jogging class is designed to decrease the risk of coronary heart disorders by increasing heart efficiency, vital lung capacity, and the knowledge of each through aerobic and anaerobic conditioning.

35544	8:30a-9:55a	Tu Th	Nutter K	SAC G-113	Full Semester
-------	-------------	-------	----------	-----------	---------------

E.S. AEROBIC FITNESS 144, CROSS TRAINING 1 UNIT

This class will be comprised of aerobic classes designed to introduce the student to the concept of cross training and trying different work-outs. The class will be divided into four sections, cardio boxing, step aerobics, weight training and flexibility work-outs.

36877	10:00a-11:25a	Tu Th	Nutter K	SAC W-107	Full Semester
-------	---------------	-------	----------	-----------	---------------

EXERCISE SCIENCE FITNESS

PERSONAL FITNESS EVALUATION

SANTA ANA COLLEGE, Room E-108, 714-564-6946

ALL STUDENTS MUST ATTEND AN ORIENTATION

ORIENTATIONS GIVEN DURING FIRST WEEK OF INSTRUCTION ONLY

Mon/Tue/Wed/Thu 9am

Mon/Tue/Thu 6pm

Mini Semester Orientations given during the first week of the mini semester

Mon/Tue/Wed/Thu at 9am AND Tue/Thu at 6pm

Open hours AFTER Orientation Week are:

Mon/Tue/Wed/Thu 8-11am, Tue/Thu 6-9pm

This class offers individual testing as follows: Resting Electrocardiogram, pulmonary function, flexibility testing, skinfold tests and/or underwater weighing for body fat percent, strength testing, exercise electrocardiogram using a treadmill test. A fitness profile will be given to each student when they complete course requirements. The results will be discussed with each student.

E.S. FITNESS 100, PERSONAL FITNESS EVALUATION 0.5 UNIT

Personal evaluation of your fitness level. Each student completes appointments that evaluate flexibility, strength, blood pressure, body composition, pulmonary function, resting electrocardiogram and a graded exercise test. Students are also required to record 20 hours of exercise outside of class. Outside hours must be completed and supervised at an exercise science facility at the college where the student is enrolled. Designed for students without heart

Material Fee(s): \$5

36480	TBA	Sneddon D	SAC E-108	Full Semester
-------	-----	-----------	-----------	---------------

36482	TBA	Sneddon D	SAC E-108	10/18-12/12
-------	-----	-----------	-----------	-------------

E.S. FITNESS 101, PERSONAL FITNESS EVALUATION 1 UNIT

Personal evaluation of your fitness level. Each student completes appointments that evaluate flexibility, strength, blood pressure, body composition, pulmonary function, resting electrocardiogram and a graded exercise test. Students are also required to record 44 hours of exercise outside of class. Outside hours must be completed and supervised at an exercise science facility at the college where the student is enrolled. Designed for students without heart

Material Fee(s): \$5

36483	TBA	Macdonald J	SAC E-108	Full Semester
-------	-----	-------------	-----------	---------------

E.S. FITNESS 102, PERSONAL FITNESS EVALUATION 2 UNITS

Personal evaluation of your fitness level. Each student completes appointments that evaluate flexibility, strength, blood pressure, body composition, pulmonary function resting electrocardiogram and a graded exercise test. Students are also required to record 92 hours of exercise outside of class. Outside hours must be completed and supervised at an exercise science facility at the college where the student is enrolled. Designed for healthy individuals with

Material Fee(s): \$5

36484	TBA	Macdonald J	SAC E-108	Full Semester
-------	-----	-------------	-----------	---------------

E.S. FITNESS 103, PERFORMANCE EVALUATION FOR ATHLETES 1 UNIT

Evaluation of fitness levels for athletes. Each student will complete fitness testing in the areas of flexibility, strength, speed and agility, resting eeg, graded exercise test, and sport specific activities.

Material Fee(s): \$5

35523	12:00p-1:35p	Tu Th	Jones G	SAC E-108	Full Semester
-------	--------------	-------	---------	-----------	---------------

Can't find the class you need?

It may be waiting for you at Santiago Canyon College!

View SCC's class schedule at
www.sccollege.edu/schedule

SCC's class schedule is included in this booklet.

Hurry! Class sizes are limited.

CIRCUIT TRAINING

The SAC Fitness Center is located in E-102, phone 714-564-6917.

ATTENDANCE

Students are required to attend the Fitness Center a minimum of two times per week for .5 units and a minimum of three times per week for 1 unit for a full semester class. Only one section of 109 or 110 or 115 can be taken per semester.

ORIENTATIONS (New students MUST attend one)

Orientations will begin promptly at 10 am, 12 noon, and 6 pm during operational hours each day of the first two weeks of the semester. No workouts will be permitted during orientation hours.

Mini Semester Orientations given during the first week of the mini semester at the beginning of each hour.

SAC FITNESS CENTER HOURS: Mon-Thurs 8am-1pm & 5-8pm
Fri 8am-1pm & 5-7pm

E.S. FITNESS 109, CIRCUIT TRAINING 0.5 UNIT

An individualized program developed to promote lifetime fitness. Employs resistive designed exercise devices for achieving muscle tone while increasing strength and cardiovascular endurance.

36519	TBA	Luppami M	SAC E-102	Full Semester
-------	-----	-----------	-----------	---------------

36520	TBA	Luppami M	SAC E-102	10/18-12/12
-------	-----	-----------	-----------	-------------

E.S. FITNESS 110, CIRCUIT TRAINING 1 UNIT

An individualized fitness program developed to promote lifetime fitness. Employs resistive designed exercise devices for achieving muscle tone while increasing strength and endurance.

36521	TBA	Luppami M	SAC E-102	Full Semester
-------	-----	-----------	-----------	---------------

36522	TBA	Luppami M	SAC E-102	10/18-12/12
-------	-----	-----------	-----------	-------------

E.S. FITNESS 115, CARDIOVASCULAR CONDITIONING 1 UNIT

Designed for those people who desire a cardiovascular workout using a combination of equipment such as stationary bikes, ellipticals, steppers and rowing machines. Suited for men and women of all age groups interested in maximal cardiovascular fitness.

36523	TBA	Luppami M	SAC E-108	Full Semester
-------	-----	-----------	-----------	---------------

STRENGTH LAB

The SAC Strength Lab is located in G-103, phone 714-564-6907.

ATTENDANCE

Students are required to attend the Strength Lab a minimum of two times per week for .5 units and a minimum of three times per week for 1 unit.

ORIENTATIONS (new students must attend one) Orientations will begin promptly at 9am, 11am, and 5pm during operational hours each day of the first two weeks of the semester.

Mini Semester Orientations given during the first week of the mini semester at the beginning of each hour.

SAC Strength Lab Hours: Mon-Fri 8-11am, Mon-Thurs 5-7pm

E.S. FITNESS 119, STRENGTH LAB 0.5 UNIT

Instruction in free weight techniques, using barbells and dumbbells. For those with experience in weight training. Open laboratory.

36524	TBA	Ogas D	SAC G-103	Full Semester
-------	-----	--------	-----------	---------------

36525	TBA	Ogas D	SAC G-103	10/18-12/12
-------	-----	--------	-----------	-------------

E.S. FITNESS 120, STRENGTH LAB 1 UNIT

Instruction in free weight techniques, using barbells and dumbbells. For those with experience in weight training. Open laboratory.

37336	TBA	Ogas D	SAC G-103	Full Semester
-------	-----	--------	-----------	---------------

37337	TBA	Ogas D	SAC G-103	10/18-12/12
-------	-----	--------	-----------	-------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
E.S. AEROBIC FITNESS 146, STABILITY BALL TRAINING FOR FITNESS 1 UNIT					
<i>A core training and strenghening workout. A full body workout using stability balls, designed to obtain total toning and strength.</i>					
36509	11:00a-12:30p	M W	Breig D	SAC W-107	Full Semester
36517	1:00p-2:25p	M W	Tyler D	SAC W-106	Full Semester
E.S. AEROBIC FITNESS 150, STRETCH, FLEX AND TONE 1 UNIT					
<i>A combination of stretching and toning exercises to increase strength, flexibility, and overall body fitness.</i>					
35537	1:00p-2:25p	Tu Th	Macdonald J	SAC W-107	Full Semester
E.S. AEROBIC FITNESS 150, STRETCH, FLEX AND TONE 0.5 UNIT					
<i>A combination of stretching and toning exercises to increase strength, flexibility, and overall body fitness.</i>					
36529	8:00a-8:50a	M W	Tyler D	SAC W-107	Full Semester
E.S. AEROBIC FITNESS 156, CARDIO BOXING 0.5 UNIT					
<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>					
36528	7:00a-7:50a	M W	Tyler D	SAC W-107	Full Semester
36543	7:00a-7:50a	Tu Th	Rapoza J	SAC W-107	Full Semester

EXERCISE SCIENCE AQUATICS

E.S. AQUATICS 201, SWIMMING 1 UNIT					
<i>Instruction and experience in the basic stroke techniques and safety procedures of swimming.</i>					
36571	9:30a-11:00a	M W	Gorrie D	SAC G-121	Full Semester
E.S. AQUATICS 201, SWIMMING 0.5 UNIT					
<i>Instruction and experience in the basic stroke techniques and safety procedures of swimming.</i>					
35555	11:00a-11:55a	Tu Th	Siddons A	SAC G-121	Full Semester
E.S. AQUATICS 206, LAP SWIMMING 1 UNIT					
<i>Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.</i>					
36572	9:30a-10:55a	M W	Gorrie D	SAC G-121	Full Semester
E.S. AQUATICS 206, LAP SWIMMING 0.5 UNIT					
<i>Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.</i>					
35556	11:00a-11:55a	Tu Th	Siddons A	SAC G-121	Full Semester

EXERCISE SCIENCE HEALTH EDUCATION

E.S. HEALTH EDUCATION 101, HEALTHFUL LIVING 3 UNITS					
<i>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.</i>					
35394	TBA		Breig D	SAC WEB	Full Semester
Go to www.sac.edu/disted for more information. mail instructor first week of class (breig_david@sac.edu)					
35395	TBA		Breig D	SAC WEB	Full Semester
Go to www.sac.edu/disted for more information. Email instructor first week of class (breig_david@sac.edu)					
36531	9:30a-10:55a	Tu Th	Siddons A	SAC F-102	Full Semester
35381	11:15a-12:40p	Tu Th	Abbey T	SAC F-102	Full Semester
35378	11:15a-12:40p	M W	Abbey T	SAC F-102	Full Semester
35557	6:00p-9:10p	Tu	Siddons A	SAC F-102	Full Semester
E.S. HEALTH EDUCATION 102, WOMEN'S HEALTH ISSUES 3 UNITS					
<i>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.</i>					
36538	TBA		Doty A	SAC WEB	Full Semester
Go to www.sac.edu/disted for more information. Email instructor first week of class (doty_ann@sac.edu)					
35594	TBA		Nutter K	SAC WEB	Full Semester
Go to www.sac.edu/disted for more information. Email instructor first week of class (nutter_kim@sac.edu)					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
E.S. HEALTH EDUCATION 104, NUTRITION AND FITNESS 2 UNITS					
<i>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.</i>					
36536	TBA		Doty A	SAC	Full Semester
Go to www.sac.edu/disted for more information. Email instructor first week of class (doty_ann@sac.edu)					
35539	1:00p-3:05p	W	Macdonald J	SAC F-103	Full Semester
35538	6:00p-8:05p	Th	Macdonald J	SAC F-103	Full Semester
E.S. HEALTH EDUCATION 105, FIRST AID AND PERSONAL SAFETY 1.5 UNITS					
<i>Instruction in accident prevention and immediate care to accident victims. Certificate available upon completion. Prepares student for E.S. Health Education 106.</i>					
35492	7:30a-9:35a	Tu Th	Gorrie R	SAC G-107	08/23-10/14
E.S. HEALTH EDUCATION 107, CARDIOPULMONARY RESUSCITATION 2 UNITS					
<i>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.</i>					
36570	9:40a-11:50a	Tu Th	Gorrie R	SAC G-107	10/18-12/12
35494	9:30a-11:30a	Tu Th	Gorrie R	SAC G-107	08/23-10/14
35559	6:30p-9:35p	W	Sneddon D	SAC G-107	08/25-11/10

EXERCISE SCIENCE INTERCOLLEGIATE ATHLETICS

E.S. INTERCOLLEGIATE ATHLETICS 124, CONDITIONING FOR ATHLETES-MEN 1 UNIT					
<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>					
36391	12:00p-1:25p	M W	Sneddon D	SAC G-103	Full Semester
E.S. INTERCOLLEGIATE ATHLETICS 125, CONDITIONING FOR FOOTBALL, DEFENSE 1 UNIT					
<i>This class is designed to prepare the college football athlete to play defense and to play on special teams. This class includes resistance training and field work.</i>					
36381	1:30p-2:55p	M W	Jones G	SAC G-103	Full Semester
36387	1:30p-2:55p	Tu Th	Ogas D	SAC G-103	Full Semester
E.S. INTERCOLLEGIATE ATHLETICS 128, CONDITIONING FOR ATHLETES-WOMEN 0.5 UNIT					
<i>An exercise program designed for athletes who participate in women's sports. Emphasis will be on the development of speed, endurance, flexibility, and strength.</i>					
36392	4:00p-4:50p	Tu Th	Abbey T	SAC G-103	Full Semester
E.S. INTERCOLLEGIATE ATHLETICS 128, CONDITIONING FOR ATHLETES-WOMEN 1 UNIT					
<i>An exercise program designed for athletes who participate in women's sports. Emphasis will be on the development of speed, endurance, flexibility, and strength.</i>					
36379	3:00p-4:25p	M W	Staff	SAC G-103	Full Semester
E.S. INTERCOLLEGIATE ATHLETICS 160, THEORY OF SOFTBALL 2 UNITS					
<i>A general overview of rules, regulations, strategies, mental preparation, skill evaluation, and the history of the sport of softball. Includes strategies and winning techniques of the game.</i>					
36533	12:00p-12:50p	M W	Nutter K	SAC G-120	Full Semester
E.S. INTERCOLLEGIATE ATHLETICS 170, THEORY OF FOOTBALL 2 UNITS					
<i>Tactics and strategies applied to specific game situations incorporating evaluation of opponents development of game plan including offense, defense, and the kicking game.</i>					
36375	4:00p-6:05p	M	Jones G	SAC F-103	Full Semester
E.S. INTERCOLLEGIATE ATHLETICS 200, THEORY OF BASEBALL 2 UNITS					
<i>Designed for the competitive baseball player. Topics to include offensive and defensive baseball strategies, bunting, baserunning, mental and physical preparation of becoming a baseball player.</i>					
36388	2:10p-3:00p	M W	Sneddon D	SAC F-102	Full Semester
E.S. INTERCOLLEGIATE ATHLETICS 202, BASKETBALL-MEN 3 UNITS					
<i>An advanced competitive program for student athletes with exceptional basketball talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.</i>					
35402	4:40p-6:40p	M W F	Breig D	SAC G-105	Full Semester
	12:40p-2:40p	Tu Th	Breig D	SAC G-105	
E.S. INTERCOLLEGIATE ATHLETICS 204, FOOTBALL-MEN 3 UNITS					
<i>A high-level, competitive program for students with exceptional football talent. The program provides competition with conference colleges as well as with other California community colleges. Students must have a health screening to participate.</i>					
Material Fee(s): \$5					
35495	3:00p-5:30p	Tu W Th F	Jones G	SAC G-113	Full Semester
	4:00p-6:00p	M	Ogas D	SAC G-113	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

E.S. INTERCOLLEGIATE ATHLETICS 209, WATER POLO-MEN 3 UNITS

A high-level, competitive program for students with exceptional water polo talent. To compete on an intercollegiate athletic team, the student must comply with C.O.A. regulations.

35562	3:00p-5:00p	M Tu W Th F	Billish J	SAC G-121	Full Semester
-------	-------------	-------------	-----------	-----------	---------------

E.S. INTERCOLLEGIATE ATHLETICS 210, WRESTLING-MEN 3 UNITS

A high-level competitive program for students with exceptional wrestling talent. To compete on an intercollegiate athletic team, the student must comply with C.O.A. regulations.

35572	4:00p-6:00p	M Tu W Th F	Silva V	SAC W-111	Full Semester
-------	-------------	-------------	---------	-----------	---------------

E.S. INTERCOLLEGIATE ATHLETICS 212, BASKETBALL-WOMEN 3 UNITS

An advanced competitive program for student athletes with exceptional basketball talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.

35534	12:40p-2:40p	M W F	Luppani M	SAC G-105	Full Semester
	4:40p-6:40p	Tu Th	Luppani M	SAC G-105	

E.S. INTERCOLLEGIATE ATHLETICS 213, VOLLEYBALL-WOMEN 3 UNITS

A competitive program for student-athletes. Emphasis will be placed on advanced technical skill development, offensive and defensive systems analysis, sport specific physical fitness, and intercollegiate and conference competition. Students must meet the California Community College Athletic Association eligibility requirements and pass a health screening prior to intercollegiate competition. May be repeated.

35382	2:40p-4:40p	M Tu W Th F	Abbey T	SAC G-105	Full Semester
-------	-------------	-------------	---------	-----------	---------------

E.S. INTERCOLLEGIATE ATHLETICS 214, GOLF-WOMEN 3 UNITS

A high-level competitive program for student athletes with exceptional golf talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.

35568	1:00p-4:25p	M Tu W Th F	Olsen K	RIV-GOLF	Full Semester
-------	-------------	-------------	---------	----------	---------------

E.S. INTERCOLLEGIATE ATHLETICS 216, SOCCER-MEN 3 UNITS

A competitive program for student-athletes. A class in which emphasis is placed on advanced technical and tactical skill development, offensive and defensive systems analysis, sport specific physical fitness, and intercollegiate and conference competition. Students must meet California Community College Athletic Association eligibility requirements and pass a health screening prior to competition.

35575	4:00p-6:00p	M Tu W Th F	Vasquez J	SAC G-118	Full Semester
-------	-------------	-------------	-----------	-----------	---------------

E.S. INTERCOLLEGIATE ATHLETICS 219, CROSS COUNTRY-WOMEN 3 UNITS

The program provides competition with conference colleges as well as with other California community colleges.

35565	1:00p-2:50p	M Tu W Th F	Mitzel M	SAC G-113	Full Semester
-------	-------------	-------------	----------	-----------	---------------

E.S. INTERCOLLEGIATE ATHLETICS 220, SOCCER-WOMEN 3 UNITS

A competitive program for student-athletes. A class in which emphasis is placed on advanced technical and tactical skill development, offensive and defensive systems analysis, sport specific physical fitness, and intercollegiate and conference competition. Students must meet Commission on Athletic (COA) eligibility requirements and pass a health screening prior to competition.

35490	2:00p-4:00p	M Tu W Th F	Coffman J	SAC G-118	Full Semester
-------	-------------	-------------	-----------	-----------	---------------

E.S. INTERCOLLEGIATE ATHLETICS 221, WATER POLO-WOMEN 3 UNITS

A high level competitive program for women students with exceptional water polo talent. To compete on an intercollegiate athletic team, the student must comply with C.O.A. regulations.

35576	1:00p-3:00p	M Tu W Th F	Wright J	SAC G-121	Full Semester
-------	-------------	-------------	----------	-----------	---------------

EXERCISE SCIENCE OFF SEASON ACTIVITIES

E.S. OFF SEASON ACTIVITIES 210, BASEBALL 1 UNIT

Advanced fundamentals of fielding, throwing and hitting. Includes play situations with an emphasis on team offensive and defensive strategy.

35560	2:00p-3:30p	Tu Th	Sneddon D	SAC G-115	Full Semester
-------	-------------	-------	-----------	-----------	---------------

E.S. OFF SEASON ACTIVITIES 270, SOFTBALL 1 UNIT

Basic skills and fundamentals of catching, throwing, pitching, hitting and baserunning will be covered. Offensive and defensive techniques and strategies will be practiced.

35545	1:00p-2:25p	Tu Th	Rapoza J	SAC G-120	Full Semester
-------	-------------	-------	----------	-----------	---------------

Online Counseling Now Available!
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

Do you like, play or watch sports?



SPORTS AND SOCIETY ESPR 150

On-Line Class (no campus meetings)

Learn the role sports play in our society.

3 Units. Transferable course.

Satisfies Plan A Area D-2 & Plan B Area D-7

EXERCISE SCIENCE PROFESSIONAL

E.S. PROFESSIONAL 125, SPORT PSYCHOLOGY 3 UNITS

An academic and practical examination of the psychological aspects of sport concentrating on the scientifically proven methods of enhancing (athletic) performance through psychological training.

35491	TBA		Coffman J	SAC WEB	Full Semester
-------	-----	--	-----------	---------	---------------

Go to www.sac.edu/disted for more information.
Email instructor first week of class. (coffman_jodi@sac.edu)

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.

36380	TBA		Luppani M	SAC WEB	Full Semester
-------	-----	--	-----------	---------	---------------

Go to www.sac.edu/disted for more information.
Email instructor first week of class(luppani_flo@sac.edu)

35535	TBA		Luppani M	SAC WEB	Full Semester
-------	-----	--	-----------	---------	---------------

Go to www.sac.edu/disted for more information.
Email instructor first week of class. (luppani_flo@sac.edu)

E.S. PROFESSIONAL 160, MANAGEMENT OF PHYSICAL EDUCATION AND SPORT 3 UNITS

This course examines all aspects of sports administration including the management process, organization of interscholastic and intercollegiate sports, human resources, fiscal issues, legal liability, and public relations. The course is intended for students interested in a career in physical education, coaching, fitness and sports administration.

35558	TBA		Siddons A	SAC WEB	Full Semester
-------	-----	--	-----------	---------	---------------

Go to www.sac.edu/disted for more information.
Email instructor first week of class. (siddons_al@sac.edu)

EXERCISE SCIENCE SPORTS MEDICINE

E.S. SPORTS MEDICINE 101, INTRODUCTION TO SPORTS MEDICINE 3 UNITS

Introduction to the field of sports medicine. Will provide basic exposure to athletic injuries, taping techniques, and appropriate treatment, prevention, and rehabilitation of athletic injuries.

35657	8:00a-9:25a	Tu Th	Kinney G	SAC G-106	Full Semester
-------	-------------	-------	----------	-----------	---------------

E.S. SPORTS MEDICINE 150, ATHLETIC TRAINING INTERNSHIP 2 UNITS

A laboratory experience in the application of preventative, acute and post-injury treatment of common athletic injuries. Taping skills and use of therapeutic modalities will be emphasized. Also covered will be the administration and daily functioning of the training room and participating in a hands-on internship under certified athletic trainers. Each student will be required to put in 6 hours per week as an intern in the Athletic Training Room and/or at athletic events.

35658	9:30a-12:35p	Tu Th	Kinney G	SAC G-106	Full Semester
-------	--------------	-------	----------	-----------	---------------

FASHION DESIGN MERCHANDISING

FASHION DESIGN MERCHANDISING 053, INTRODUCTION TO SEWING 2 UNITS

Basics in sewing; how to use the sewing machine, understanding pattern terms and tools and constructing basic samples, skirts, and shirts.

36250	11:00a-1:05p	M W	Warner K	SAC T-201	Full Semester
36486	5:45p-9:35p	Th	Silvers L	SAC T-201	Full Semester

FASHION DESIGN MERCHANDISING 100, INTRODUCTION TO FASHION 3 UNITS

Traces and analyzes the fashion industry, trends, and designers from socio-economic, political, technological, and global influences; emphasis on current fashion careers.

36248	9:00a-10:25a	M W	Warner K	SAC T-201	Full Semester
-------	--------------	-----	----------	-----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

REGISTER EARLY—SPACE IS LIMITED

Fashion Design or Merchandising



Certificate or AA Degree Programs

NEW STUDENTS REGISTER FOR:

FDM 100 Introduction to Fashion
FDM 103, Fashion Selection

NEW DESIGN STUDENTS ALSO TAKE:

FDM 053, Basic Sewing (if non-sewer)
FDM 111A, Sketching
FDM 113, Draping

EXPERIENCED STUDENTS / INDUSTRY WORKERS:

Computer classes on Lectra System!

FDM 105B, Intermediate Sewing

FDM 212 Advanced Draping

FDM 215, 216 Computer

FDM 214, Manufacturing and Grading

See your catalog or call 1-714-564-6800 for more information

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

FIRE ACADEMY 008, FIREFIGHTER I PHYSICAL ABILITY EXAMINATION

0.1 UNIT

Designed to assess physical ability requirements.

W	33182	7:30a-11:30a	Su	Bartlett M	JPT-BFA	12/05-12/05
W	33179	7:30a-11:30a	Su	Bartlett M	JPT-BFA	09/12-09/12
W	33180	7:30a-11:30a	Su	Bartlett M	JPT-BFA	10/10-10/10
W	33181	7:30a-11:30a	Su	Bartlett M	JPT-BFA	11/14-11/14

FIRE ACADEMY 008B, BEGINNING PHYSICAL ABILITY TRAINING

0.3 UNIT

Specific conditioning exercises prepare student for participation in Fire Academy 008 Physical Ability class. Students will perform physical exercises using fire hose, ladders, stairs, and calisthenics, proper body mechanics, lifting techniques and physical conditioning principles.

	34128	8:45a-10:45a	F	Argo R	JPT-BFA	10/22-12/10
	34066	8:45a-10:45a	F	Argo R	JPT-BFA	08/27-10/15
	34034	6:00p-8:00p	W	Argo R	JPT-BFA	10/20-12/08
	34021	6:00p-8:00p	W	Argo R	JPT-BFA	08/25-10/13

FIRE ACADEMY 008C, INTERMEDIATE PHYSICAL ABILITY TRAINING

0.3 UNIT

Specific conditioning exercises prepare student for participation in Fire Academy 008 Physical Ability class. Students will perform physical exercises using fire hose, ladders, stairs, and calisthenics, proper body mechanics, lifting techniques and physical conditioning principles.

	34130	8:45a-10:45a	F	Argo R	JPT-BFA	08/27-10/15
	34132	8:45a-10:45a	F	Argo R	JPT-BFA	10/22-12/10
	34129	6:00p-8:00p	W	Argo R	JPT-BFA	08/25-10/13
	34131	6:00p-8:00p	W	Argo R	JPT-BFA	10/20-12/08

FIRE ACADEMY 060, BASIC FIRE ACADEMY

12 UNITS

California State Board of Fire Services/Firefighter I approved, criteria available.

	33173	8:00a-5:00p	M Tu W Th F	Chidester D	JPT-BFA	08/30-12/11
W	33177	6:00p-10:00p	F	Chidester D	JPT-BFA	08/07-06/11
		8:00a-5:00p	Sa	Chidester D	JPT-BFA	

Admission to the course through the Fire Technology office.

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.

	34467	TBA		Stefano D	SAC WEB	Full Semester
				Section 34467 Go to www.sac.edu/disted for more information. Email instructor first week of class. (stefano_daniel@sac.edu)		
	34464	8:30a-11:40a	Tu	Busch M	SAC A-128	Full Semester
	34463	8:30a-11:40a	M	Ash J	SAC A-128	Full Semester
	34465	12:00p-3:10p	W	Verdecia D	SAC A-128	Full Semester
	34466	7:00p-10:10p	Tu	Schultz T	SAC W-101	Full Semester

FIRE TECHNOLOGY 102, FIRE BEHAVIOR AND COMBUSTION

3 UNITS

Fundamentals and scientific principles of fire behavior, combustible materials, extinguishing agents, hazardous and toxic materials, and fire prevention/suppression techniques.

	34487	TBA		Ash J	SAC WEB	Full Semester
				Section 34487 Go to www.sac.edu/disted for more information. Email instructor first week of class. (ash_jeffery@sac.edu)		
	34481	8:30a-11:40a	W	Verdecia D	SAC A-128	Full Semester
	34484	12:00p-3:10p	Tu	Busch M	SAC A-128	Full Semester
	34483	12:00p-3:10p	M	Freeman S	SAC W-101	Full Semester
	34486	7:00p-10:10p	Th	Treanor Jr M	SAC W-101	Full Semester

FIRE TECHNOLOGY 103, PERSONAL FIRE SAFETY

3 UNITS

Provides career directed students, paid/or volunteer firefighters, and fire brigade members demonstrations on current techniques in the prevention of injuries and promotion of safety while conducting routine and emergency fire operations.

	34494	TBA		Hirsch J	SAC WEB	Full Semester
				Section 34494 Go to www.sac.edu/disted for more information. Email instructor first week of class. (hirsch_jamie@sac.edu)		
	34488	8:30a-11:40a	Th	Flint Jr J	SAC W-101	Full Semester
	34489	8:30a-11:40a	M	Childress D	SAC W-101	Full Semester
	34493	3:30p-6:40p	Tu	Hirsch J	SAC H-207	Full Semester
	34490	7:00p-10:10p	W	Samuels M	SAC A-128	Full Semester

FIRE TECHNOLOGY 104, FIRE PREVENTION TECHNOLOGY

3 UNITS

Organization and function of fire prevention; inspections; surveying and mapping procedures; recognition of fire and life hazards; engineering a solution of a fire hazard; enforcing solutions to a fire hazard; public relations as affected by fire prevention.

Prerequisite: Fire Technology 101 and 102.

	34953	TBA		Freeman S	SAC WEB	Full Semester
				Section 34953 Go to www.sac.edu/disted for more information. Email instructor first week of class. (freeman_suzanne@sac.edu)		
	34951	8:30a-11:40a	W	Freeman S	SAC W-101	Full Semester
	34950	12:00p-3:10p	Tu	Freeman S	SAC W-101	Full Semester
	34952	7:00p-10:10p	Tu	Springer B	SAC A-128	Full Semester

FASHION DESIGN MERCHANDISING 103, FASHION SELECTION

3 UNITS

Analysis of color, line and design with sociological, psychological and fashion trend considerations for garment selection, facial design and wardrobe planning. For men and women.

	36249	9:00a-10:25a	Tu Th	Warner K	SAC T-201	Full Semester
--	-------	--------------	-------	----------	-----------	---------------

FASHION DESIGN MERCHANDISING 105B, INTERMEDIATE SEWING

2 UNITS

Follow-up of Fashion Design Merchandising 053 and 105A, Beginning Sewing. Coordination of woven fabrics and pattern fitting in construction of class projects such as pants, dress shirts, and unlined jackets.

	36251	11:00a-1:05p	M W	Warner K	SAC T-201	Full Semester
	36488	5:45p-9:35p	Th	Silvers L	SAC T-201	Full Semester

FASHION DESIGN MERCHANDISING 111A, FASHION SKETCHING

2 UNITS

Application of the basic techniques of drawing a descriptive garment trade sketch and development of skills in presentation drawing and fashion illustration. The importance of body proportion, garment style lines, drape of fabric and textural interest will be emphasized.

	36489	6:00p-9:50p	Tu	Leonardi A	SAC T-201	Full Semester
--	-------	-------------	----	------------	-----------	---------------

FASHION DESIGN MERCHANDISING 113, FASHION DRAPING

3.5 UNITS

Basic techniques of draping flat fabric into three dimensional garment styles on the dress form to create first patterns. Students are required to sew their sample garments. Suggested preparation: Fashion Design Merchandising 105A and 105B.

	36252	10:45a-1:15p	Tu Th	Warner K	SAC T-201	Full Semester
--	-------	--------------	-------	----------	-----------	---------------

FASHION DESIGN MERCHANDISING 212, ADVANCED DRAPING

2 UNITS

Fashion design merchandising draping techniques further practiced in woven knits and motif fabrics in designing a line grouping.

Prerequisite: Fashion Design Merchandising 113 with a grade of C or better.

	36253	11:00a-1:05p	Tu Th	Warner K	SAC T-201	Full Semester
--	-------	--------------	-------	----------	-----------	---------------

FASHION DESIGN MERCHANDISING 214, MANUFACTURING AND GRADING

2 UNITS

Introduction and application of garment industry manufacturing processes using production equipment to mass produce a consumer targeted product. Included are grading techniques for sizing a sample pattern. Suggested preparation: Fashion Design Merchandising 100, 105B, 108, 109, and 213.

	36485	11:00a-1:05p	Tu Th	Warner K	SAC T-201	Full Semester
--	-------	--------------	-------	----------	-----------	---------------

FIRE ACADEMY

FIRE ACADEMY 007, ORIENTATION AND PHYSICAL FITNESS

2.5 UNITS

An orientation and physical fitness course to include introduction to the Basic Fire Academy, rules and regulations, procedures, safety and participation in physical fitness program.

	33176	6:30a-8:00a	M W F	Argo R	JPT-BFA	08/30-12/10
--	-------	-------------	-------	--------	---------	-------------

Admission to the course through the Fire Technology office.

W	33178	6:30a-8:00a	Sa	Kohls A	JPT-BFA	08/07-06/11
---	-------	-------------	----	---------	---------	-------------

Admission to the course through the Fire Technology office.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

FIRE TECHNOLOGY PROGRAMS

- FIRE ACADEMY 025, PHYSICAL FITNESS CRITERIA FOR PUBLIC SAFETY PERSONNEL (.2 Units)
For details on times, dates and registration, contact the Fire Technology Office at 714-564-6861.
- FIRE PUBLIC SAFETY 030, ANNUAL TOPICS – FIRE INSERVICE TRAINING (0,5-4 Units)
- FIRE ACADEMY 063, HEAVY RESCUE SYSTEM 2
- FIRE ACADEMY 033, SWIFT WATER RESCUE
- FIRE ACADEMY 035, CONFINED SPACE RESCUE: OPERATIONAL
- FIRE ACADEMY 034, EMERGENCY TRENCH SHORING
For details on times, dates and registration, contact the North Net Training Center at 714-978-7304.
- FIRE ACADEMY 030, STRIKE TEa LEADER-ENGINE
- FIRE ACADEMY 030, DISASTER RESPONSE FOR EMERGENCY RESPONDERS
- FIRE ACADEMY 030, URBAN/WILDLAND INTERFACE: SAFETY & TACTICS SEMINAR
For details on times, dates and registration, contact the Fire Technology Office at 714-564-6404.
- FIRE ACADEMY 063, HEAVY RESCUE SYSTEMS
- FIRE ACADEMY 083, PROMOTIONAL PREPARATION
For details on times, dates and registration, contact the Fire Technology Office at 714-564-6404.
- FIRE ACADEMY 231A, FIRE PREVENTION OFFICER 1A
- FIRE ACADEMY 231B, FIRE PREVENTION OFFICER 1B
- FIRE ACADEMY 231C, FIRE PREVENTION 1C
- FIRE ACADEMY 232A, FIRE PREVENTION 2A
- FIRE ACADEMY 232B, FIRE PREVENTION 2B
- FIRE ACADEMY 232C, FIRE PREVENTION 2C
- FIRE ACADEMY 241A, FIRE INSTRUCTOR 1A
- FIRE ACADEMY 241B, FIRE INSTRUCTOR 1B
- FIRE ACADEMY 251A, FIRE INVESTIGATION 1A
- FIRE ACADEMY 251B, FIRE INVESTIGATION 1B
- FIRE ACADEMY 261, FIRE MANAGEMENT 1
- FIRE ACADEMY 262A, FIRE MANAGEMENT 2A
- FIRE ACADEMY 262B, FIRE MANAGEMENT 2B
- FIRE ACADEMY 262C, FIRE MANAGEMENT 2C
- FIRE ACADEMY 262D, FIRE MANAGEMENT 2D
- FIRE ACADEMY 262E, FIRE MANAGEMENT 2E
- FIRE ACADEMY 271A, FIRE COMMAND 1A
- FIRE ACADEMY 271B, FIRE COMMAND 1B
- FIRE ACADEMY 271C, FIRE COMMAND 1C
- FIRE ACADEMY 272A, FIRE COMMAND 2A
- FIRE ACADEMY 272B, FIRE COMMAND 2B
- FIRE ACADEMY 272C, FIRE COMMAND 2C
- FIRE ACADEMY 272D, FIRE COMMAND 2D
- FIRE ACADEMY 273A, FIRE COMMAND 3A
- FIRE ACADEMY 273B, FIRE COMMAND 3B
- FIRE ACADEMY 252A, FIRE INVESTIGATION 2A
- FIRE ACADEMY 252B, FIRE INVESTIGATION 2B
- FIRE ACADEMY 062, ICS 200
- FIRE ACADEMY 062B, ICS 300
- FIRE ACADEMY 062C, ICS 400

All Fire Officer reservations must be made through the Fire Technology Office, A-113. For details on times, dates and registration, contact the Fire Officer at 714-564-6404.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

FIRE TECHNOLOGY 105, BLDG CONSTRUCTION FOR FIRE PROTECTION 3 UNITS

The components of building construction that relate to fire safety. Elements of construction and design of structures. The development and evolution of building and fire codes.

Prerequisite: Fire Technology 101 and 102.

34960	TBA		Wiskus D	SAC WEB	Full Semester
Section 34961 Go to www.sac.edu/disted for more information. Email instructor first week of class. (wiskus_dennis@sac.edu)					
34957	3:30p-6:40p	Th	Muir J	SAC A-128	Full Semester
34959	3:30p-6:40p	Tu	Busch M	SAC A-128	Full Semester
34958	7:00p-10:10p	Th	Muir J	SAC A-128	Full Semester

FIRE TECHNOLOGY 106, FIRE PROTECTION EQUIPMENT AND SYSTEMS 3 UNITS

Portable fire extinguishing equipment; protection systems for special hazards; sprinkler systems and fire detection and alarm systems.

Prerequisite: Fire Technology 101 and 102.

34964	TBA		Wiskus D	SAC WEB	Full Semester
Section 34964 Go to www.sac.edu/disted for more information. Email instructor first week of class. (wiskus_dennis@sac.edu)					
34961	8:30a-11:40a	Tu	Freeman S	SAC W-101	Full Semester
34962	12:00p-3:10p	Th	Freeman S	SAC A-128	Full Semester
34963	7:00p-10:10p	M	Horner S	SAC A-128	Full Semester

FIRE TECHNOLOGY 121, PHYSICAL FITNESS FOR PUBLIC SAFETY PERSONNEL 4 UNITS

This lecture/laboratory class provides information on exercise and nutrition. Topics include cardiovascular/muscular fitness, injury prevention and treatment. Students will receive an individual fitness profile developed from tests given during the arranged hours of the class.

Students are required to pay \$12 at the first class meeting.
5.5 hours arranged per week.

34944	8:30a-11:40a	Th	Bartlett M	SAC A-128	Full Semester
34947	12:00p-3:10p	W	Argo R	SAC A-207	Full Semester
34946	12:00p-3:10p	M	Argo R	SAC A-128	Full Semester
34949	7:00p-10:10p	W	Martin D	SAC H-207	Full Semester
34948	7:00p-10:10p	Tu	Argo R	SAC H-207	Full Semester

FRENCH

FRENCH 101, ELEMENTARY FRENCH 1 5 UNITS

A college level French course focusing on fundamentals of pronunciation and grammar, basic vocabulary (including common idioms), simple conversation and composition. Supplementary cultural readings. French 101 is equivalent to two years of high school French. 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).

16 lab hours required, one hour per week for 16-week semester.

33250	8:00a-10:30a	M W	Issa K	SAC D-302	Full Semester
33519	8:00a-10:30a	Tu Th	Issa K	SAC D-302	Full Semester
33525	4:15p-6:45p	Tu Th	Anglin M	SAC D-302	Full Semester
33521	7:00p-9:30p	M W	Nguyen M	SAC D-302	Full Semester

FRENCH 102, ELEMENTARY FRENCH II 5 UNITS

A college level French course focusing on further training in pronunciation and grammar, more extensive vocabulary development, conversation and composition. Supplementary cultural readings. French 102 is equivalent to the third year of high school French. 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: French 101 or two years of high school French with a passing grade.

16 lab hours required, one hour per week for 16-week semester.

33527	11:00a-1:30p	M W	Issa K	SAC D-302	Full Semester
-------	--------------	-----	--------	-----------	---------------

FRENCH 201, INTERMEDIATE FRENCH I 5 UNITS

A college level French class focusing on expansive review of usage and grammar; discussion in French of interpretive reading material; conversation and composition.

Prerequisite: Grade of C or better in French 102 or three years of high school French.

33531	12:00p-2:30p	M W	Dannov I	SAC D-208	Full Semester
-------	--------------	-----	----------	-----------	---------------

FRENCH 202, INTERMEDIATE FRENCH II 5 UNITS

A college level French class focusing on a specialized review of grammar and composition; discussions in French of history and culture based on literary materials.

Prerequisite: French 201, or four years of high school French with a grade of C or better.

33533	12:00p-2:30p	M W	Dannov I	SAC D-208	Full Semester
-------	--------------	-----	----------	-----------	---------------

Online Counseling Now Available!

www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

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.

33255	8:00a-9:25a	Tu Th	Courter W	SAC D-202	Full Semester
33252	9:45a-11:10a	M W	Courter W	SAC D-202	Full Semester
33251	11:30a-12:55p	M W	Courter W	SAC D-202	Full Semester
33256	1:00p-4:10p	Th	Staff	SAC D-202	Full Semester
33253	7:00p-10:10p	Th	Lowry S	SAC D-202	Full Semester

GEOGRAPHY 101, PHYSICAL GEOGRAPHY **3 UNITS**
Introduction to the physical elements of geography: maps, earth/sun relationships, meteorology and climatology, natural vegetation, soils, and geomorphology.

33259	9:45a-11:10a	Tu Th	Courter W	SAC D-202	Full Semester
33258	11:30a-12:55p	Tu Th	Courter W	SAC D-202	Full Semester

GEOGRAPHY 101L, PHYSICAL GEOGRAPHY LABORATORY **1 UNIT**
Laboratory exercises and experiments designed to explore and understand the primary areas of physical geography. Exercises and applications related to map scales and projections, stereoscopic, topographic and aerial photo interpretation, meteorological tools and models and weather prognostication, geomorphologic models and processes, and landform interpretation.

33260	1:15p-4:25p	Tu	Courter W	SAC D-202	Full Semester
-------	-------------	----	-----------	-----------	---------------

GEOGRAPHY 102, CULTURAL GEOGRAPHY **3 UNITS**
An introductory survey of the geography of culture, and the influences of the physical environment on culture, along with the impact of human activity on the environment, and the role of culture within societies and social groups. The course includes global patterns of population, migration, religion, language, agriculture, politics, customs, resources, and urban and rural settlement.

33261	8:00a-9:25a	M W	Courter W	SAC D-202	Full Semester
-------	-------------	-----	-----------	-----------	---------------

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.

35309	TBA		Hughes P	SAC TV	Full Semester
35306	9:45a-11:10a	M W	Hughes P	SAC R-111	Full Semester
Section 35309 Telecourse instruction plus optional on-campus review sessions: Thurs, 9/9, 9/30, 10/21, 11/18 and 12/9 5:30- 6:30pm, SAC R-111. Go to www.sac.edu/disted for more information.					
35308	9:45a-11:10a	Tu Th	Hughes P	SAC R-111	Full Semester
U-LINK Section 35306 is linked to Counseling 107, The Freshman Experience, Section 34723. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
35307	6:30p-9:40p	M	Coyne C	SAC R-111	Full Semester

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.

35310	9:30a-12:40p	F	Hughes P	SAC R-111	Full Semester
U-Link Section 35310 is linked to Counseling 107, The Freshman Experience, Section 34723. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
35311	6:30p-9:40p	W	Coyne C	SAC R-111	Full Semester

GEOLOGY 140, ENVIRONMENTAL GEOLOGY **3 UNITS**
Introduction to environmental geology, the interaction between the Earth and mankind. Global study of geologic resources, resource management, geologic hazards, and waste remediation.

35312	11:30a-12:55p	Tu Th	Hughes P	SAC R-111	Full Semester
-------	---------------	-------	----------	-----------	---------------

GEOLOGY 150, INTRODUCTION TO OCEANOGRAPHY **3 UNITS**
Introductory study of the ocean and its topography, sediments, circulation, shoreline processes, biological productivity and mineral resources. (Same as Earth Science 150).

35344	11:30a-12:55p	M W	Hughes P	SAC R-111	Full Semester
-------	---------------	-----	----------	-----------	---------------

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.

33262	8:00a-9:25a	Tu Th	Martin R	SAC D-210	Full Semester
33263	8:00a-9:25a	M W	Martin R	SAC D-210	Full Semester
33265	9:45a-11:10a	M W	Martin R	SAC D-210	Full Semester
33264	7:00p-10:10p	W	Martin R	SAC D-210	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

HISTORY 102, WORLD CIVILIZATIONS SINCE THE 16TH CENTURY **3 UNITS**
Broad historical study of world civilizations and their interrelationships from the 16th century to the present. Ideas, institutions, personalities, and artistic achievements which have contributed to present-day society.

33266	9:45a-11:10a	Tu Th	Martin R	SAC D-210	Full Semester
-------	--------------	-------	----------	-----------	---------------

HISTORY 105, ANCIENT MESOAMERICAN CIVILIZATION **3 UNITS**
An archeological and ethnohistorical survey of the origin and development of pre-Columbian civilizations in ancient Mesoamerica from Paleo-Indian times to the Spanish conquest. (Same as Anthropology 105.)

33267	7:00p-10:10p	Tu	Veyna A	SAC D-212	Full Semester
-------	--------------	----	---------	-----------	---------------

HISTORY 118, SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES **3 UNITS**
Examines social and cultural traditions during major historical periods. Focuses on American attitudes and response to economic and technological changes, aesthetics, music, art, language, architecture, folklore, high and popular culture.

33271	8:00a-9:25a	M W	Gunther V	SAC I-204	Full Semester
33270	8:00a-9:25a	Tu Th	Ghelfi G	SAC D-205	Full Semester
33272	9:45a-11:10a	M W	Ghelfi G	SAC D-205	Full Semester
33273	7:00p-10:10p	M	Heeren J	SAC D-204	Full Semester

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.

33284	TBA		Guzman K	SAC TV	Full Semester
Section 33284 Telecourse instruction plus optional on-campus review sessions: Mon, 8/23, 9/13, 10/11, 11/8, and 12/6, 5:15-6:45pm, SAC D-209. Go to www.sac.edu/disted for more information.					

33279 TBA Menzing T SAC WEB Full Semester
 Section 33279 combines online instruction plus mandatory on campus meetings:
 Mon, 8/23, 9/27, 10/25, 11/22, 12:00-12:50pm in SAC-D-105. Go to www.sac.edu/disted for more information. Email instructor (menzing_todd@sac.edu) first week of instruction.

33275	8:00a-9:25a	Tu Th	Davis J	SAC D-304	Full Semester
33274	8:00a-9:25a	M W	Ghelfi G	SAC D-214	Full Semester
33282	9:45a-11:10a	M W	Guzman K	SAC I-101	Full Semester
Content of interest to future teachers. Open to all students.					
33278	9:45a-11:10a	Tu Th	Ghelfi G	SAC D-109	Full Semester
33283	1:15p-4:25p	Tu Th	Medina M	SAC D-105	08/24-10/21
33281	7:00p-10:10p	M	Ghelfi G	SAC D-106	Full Semester

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.

33295	TBA		Ghelfi G	SAC TV	08/23-12/10
Section 33295 Telecourse instruction plus optional on-campus review sessions: Mon, 8/23, 9/20, 10/11, 11/1 and 11/22, 5:00-6:00pm, SAC D-106. Go to www.sac.edu/disted for more information.					

33294 TBA Menzing T SAC WEB Full Semester
 Section 33294 combines online instruction plus mandatory on campus meetings:
 Mon, 8/23, 9/27, 10/25, 11/22, 1:00-1:50pm in SAC-D-105. Go to www.sac.edu/disted for more information. Email instructor (menzing_todd@sac.edu) first week of instruction.

33291	11:30a-12:55p	M W	Ghelfi G	SAC I-206	Full Semester
33293	6:00p-9:25p	F	Riggins C	SAC I-109	10/22-12/11
	9:00a-12:25p	Sa	Riggins C	SAC I-109	
33292	7:00p-10:10p	W	Heeren J	SAC I-109	Full Semester

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.

33297	8:00a-9:25a	Tu Th	Veyna A	SAC D-204	Full Semester
33304	9:45a-11:10a	Tu Th	Guzman K	SAC I-101	Full Semester
34795	11:30a-12:55p	M W	Guzman K	SAC I-107	Full Semester
33301	11:30a-12:55p	Tu Th	Guzman K	SAC I-101	Full Semester
33303	12:30p-1:55p	M W	Veyna A	SAC D-214	Full Semester
33305	1:15p-2:40p	Tu Th	Veyna A	SAC D-106	Full Semester
33302	7:00p-10:10p	M	Veyna A	SAC D-303	Full Semester

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 individuation, social status, family, reproduction, child care, slavery, jobs, and political activism. Legal impact and theories of patriarchal oppression raised.

33319	8:00a-9:25a	M W	Veyna A	SAC D-305	Full Semester
-------	-------------	-----	---------	-----------	---------------

HISTORY 150, LATIN AMERICAN CIVILIZATION TO INDEPENDENCE **3 UNITS**
A study of Latin American civilization from the Indian, African, and European origins to Independence. Topics include native cultures, Spanish and Portuguese colonialism, the evolution of regional societies, and intellectual trends.

33321	7:00p-10:10p	W	Galvan J	SAC D-202	Full Semester
-------	--------------	---	----------	-----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
HISTORY 153, HISTORY OF MEXICO 3 UNITS					
<i>Mexican history from the pre-Columbian period to the present. Includes social, political, economic and cultural growth of the Mexican nation. Emphasis on cultural and political development.</i>					
33322	9:45a-11:10a	MW	Veyna A	SAC D-305	Full Semester

HUMAN DEVELOPMENT

HUMAN DEVELOPMENT 107, CHILD GROWTH AND DEVELOPMENT (DS1) 3 UNITS					
<i>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.</i>					

35903	TBA		Pugh J	SAC TV	Full Semester
Section 35903 Telecourse instruction plus optional on-campus review sessions: Wed, 8/25, 5:30-7:00pm, Thurs, 9/9, 9/30 & 10/26 and Tues 11/23, 6:00-7:00pm, SAC A-130. Go to www.sac.edu/disted for more information.					

35890	TBA		Valdez S	SAC WEB	Full Semester
Section 35890 Go to sac.edu/disted for more information. Email instructor (valdez_susanne@sac.edu) first week of semester.					

35899	9:00a-12:10p	F	Dunn C	SAC B-33	Full Semester
35897	6:00p-9:10p	W	Torres B	SAC I-101	Full Semester
Section 35897 is designated for English language learners. Open to all students.					
35895	7:00p-10:10p	M	Pugh J	SAC R-128	Full Semester

HUMAN DEVELOPMENT 108A, OBSERVATION AND ASSESSMENT FOR EARLY LEARNING AND DEVELOPMENT 3 UNITS					
--	--	--	--	--	--

This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored.

Prerequisite: Human Development 107. Negative TB Test (must be completed before observations take place during the semester).

35909	11:00a-12:25p	Tu	Staff	SAC B-33	Full Semester
1 hour per week arranged					
35911	6:30p-9:40p	Th	Isais E	SAC I-106	Full Semester
Section 35911 is designated for English language learners. Open to all students. 1 hour per week arranged					
35910	6:30p-9:40p	Th	Wahl S	SAC H-201	Full Semester
1 hour per week arranged					

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.

35921	11:00a-12:25p	MW	Staff	SAC A-214	Full Semester
35922	5:00p-8:10p	M	Moran M	SAC I-107	Full Semester
Section 35922 is designated for English language learners. Open to all students.					
35925	6:00p-9:10p	M	Hardy M	SAC I-101	Full Semester

HUMAN DEVELOPMENT 111A, PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN 3 UNITS					
--	--	--	--	--	--

This course examines the underlying historical and theoretical principles, and the developmentally appropriate practices of early childhood programs and environments. Emphases will be on the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all children. The evolution of professional practices promoting advocacy, ethics and professional identity will be explored.

Prerequisite: Human Development 107 and 108A. Negative TB Test (need to complete before observation during the course).

35927	6:30p-9:40p	Tu	Valdez S	SAC B-33	Full Semester
6 hours arranged per semester					
35934	6:30p-9:40p	Tu	Landeros T	SAC I-202	Full Semester
Section 35934 is designated for English language learners. Open to all students. 6 hours arranged per semester					

HUMAN DEVELOPMENT 111B, INTRODUCTION TO CURRICULUM FOR YOUNG CHILDREN 3 UNITS					
--	--	--	--	--	--

This course presents an overview of knowledge and skills needed to provide developmentally appropriate curriculum for young children. Students will examine the teacher's role in supporting development, fostering the joy of learning and creativity through the essential role of play. Content areas include language/literacy, social/emotional/sensory learning, art, music, math, science, health/safety, and motor development.

Prerequisite: Human Development 108A and 111A. Negative TB Test.

35936	6:00p-9:10p	W	Isais E	SAC I-202	Full Semester
Section 35936 is designated for English language learners. Open to all students.					
35935	6:30p-9:40p	Th	Morgan-Beazell G	SAC B-33	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
HUMAN DEVELOPMENT 112, HEALTH, SAFETY AND NUTRITION FOR CHILDREN 3 UNITS					
<i>This course examines the regulations, policies, procedures and best practices for early childhood curriculum related to child health, safety, and nutrition, while supporting child development through everyday planning and school programming. The importance of collaboration with families and health professionals to ensure physical health, mental health and safety for all children, families, and professionals will be explored.</i>					
Prerequisite: HUD-108A and HUD-111. Negative TB Test.					

35938	TBA		Valdez S	SAC WEB	Full Semester
Section 35938 combines online instruction plus mandatory on campus meetings: Sat, 8/28, 10/9, 11/13, 12/4, 9:30am-12:30pm, SAC B-33. Go to www.sac.edu/disted for more information. Email instructor first week of class (valdez_susanne@sac.edu).					

HUMAN DEVELOPMENT 114, CAREERS IN TEACHING 1 UNIT					
--	--	--	--	--	--

Introduction to the teaching profession, culturally diverse student populations, career ladders and options, academic preparation, experience, and credentials required for employment, utilizing career assessments, principles of goal setting, and exposure to teaching environments and teaching professionals, students will formulate a career objective and develop an educational plan. (Same as Counseling 114.)

35939	1:00p-1:50p	W	Bautista S	SAC I-103	Full Semester
Section 35939 is linked to Speech 102, Public Speaking, Section 36764. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					

HUMAN DEVELOPMENT 116A, INFANT/TODDLER GROWTH AND DEVELOPMENT (DS4) 3 UNITS					
--	--	--	--	--	--

Examination of the growth and developmental patterns of infants and toddlers and interactions with culturally diverse family structures. Meets licensing requirement. With Human Development 116B, this class fulfills infant/toddler specialization for Child Development Master Teacher Permit.

35941	6:30p-9:40p	W	Richey K	SAC H-201	Full Semester
6 hours arranged per semester					

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.

35943	7:00p-10:10p	M	Valdez S	SAC T-203	Full Semester
-------	--------------	---	----------	-----------	---------------

HUMAN DEVELOPMENT 205, EXCEPTIONALITY AND SPECIAL NEEDS IN HUMAN DEVELOPMENT 3 UNITS					
---	--	--	--	--	--

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

35948	9:00a-10:25a	MW	Pugh J	SAC B-33	Full Semester
35944	7:00p-10:10p	Tu	Holms A	SAC D-109	Full Semester

HUMAN DEVELOPMENT 215, ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS: LEVEL I (DS6) 3 UNITS					
---	--	--	--	--	--

Application of the basic principles for the establishment, operation, supervision and evaluation of early care and education programs. Suggested preparation: 12 units in Human Development.

35950	6:00p-10:10p	W	Morgan-Beazell G	SAC I-102	08/25-10/13
Section 35950 will also meet on Sat, Aug 28 and Sept 25 from 8am-4pm in SAC, B-33					

HUMAN DEVELOPMENT 216, ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS: LEVEL II (DS6) 3 UNITS					
--	--	--	--	--	--

An examination of the complex role of the administrator of early care and education programs in the areas of establishing and maintaining program quality, selecting, hiring and supporting staff, establishing and facilitating parent, advisory and community relations, and operating a fiscally sound program. Suggested preparation: 12 units in Human Development.

36368	6:00p-10:10p	W	Valdez S	SAC I-102	10/20-12/08
Section 36368 will also meet on Sat, Oct 30 and Nov 20 from 8am-4pm in SAC, B-33					

HUMAN DEVELOPMENT 220, THE CHILD AS VICTIM 3 UNITS					
---	--	--	--	--	--

Exploration of battered, molested and neglected children from five vantage points: child, law, parents, social services and educator.

35956	9:00a-10:25a	Tu Th	Pugh J	SAC F-103	Full Semester
35958	7:00p-10:10p	Th	Pugh J	SAC R-126	Full Semester

HUMAN DEVELOPMENT 221, TEACHING IN A DIVERSE SOCIETY 3 UNITS					
---	--	--	--	--	--

Examination of the development of social identities in diverse societies, and implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches, self-examination, and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling.

36369	11:00a-12:25p	MW	Morgan-Beazell G	SAC B-33	Full Semester
-------	---------------	----	------------------	----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------



Library Research

Stop wasting time!

Become an efficient user of information resources.
Sign up for 1 unit course:

LIS 100, Library Research Fundamentals

HUMAN DEVELOPMENT 231, DEVELOPING LANGUAGE AND LITERACY

IN YOUNG CHILDREN

3 UNITS

Designed to introduce students to basic concepts of the first and second language acquisition and literacy in young children including classroom applications.

35962	6:30p-9:40p	Tu	Wahl S	SAC I-101	Full Semester
-------	-------------	----	--------	-----------	---------------

HUMAN DEVELOPMENT 298A, PRACTICUM IN EARLY CHILDHOOD PROGRAMS

3.5 UNITS

Under guided supervision in a RSCCD Child Development Center or approved mentor site, students will demonstrate competency in connecting theory to practice, and enhance professional-behaviors. Students will plan and implement child-centered, play-oriented approaches to teaching, learning, and assessment. Knowledge of curriculum content areas will be emphasized as students design, implement, and evaluate positive experiences for young children.

Prerequisite: Human Development 111B. This is a Capstone Course to be taken after all other courses in this major (Courses include: Human Development 107, 108A, 110, 111A, 111B, 112, 200, 221, 231). Negative TB Test.

35977	6:00p-8:05p	Tu	Morgan-Beazell G	CDC-100	Full Semester
75 hours arranged per semester					

HUMAN DEVELOPMENT 298B, PRACTICUM IN INFANT/TODDLER PROGRAMS

3.5 UNITS

Under guided supervision in a RSCCD Child Development Center or approved mentor site, students will demonstrate competency in connecting theory to practice, and enhance professional behaviors. Students will plan and implement child-centered, play-oriented approaches to teaching, learning, and assessment. Knowledge of curriculum content areas will be emphasized as students design, implement, and evaluate positive experiences for young children.

Prerequisite: Human Development 116B. This is a Capstone Course to be taken after all other courses in this major. (Courses include: Human Development 107, 108A, 110, 112, 116A, 116B, 200, 221, 231). Negative TB Test.

35978	6:00p-8:05p	Tu	Morgan-Beazell G	CDC-100	Full Semester
75 hours arranged per semester					

INTERDISCIPLINARY STUDIES

INTERDISCIPLINARY STUDIES 121, HUMANITIES THROUGH THE ARTS

3 UNITS

An introduction to the humanities through a study of seven major art forms: film, drama, music, literature, painting, sculpture and architecture. Artistic works are considered from the perspectives of historical development, the elements used in the creation process, artistic form, and meaning expressed.

37340	TBA		Kehlenbach E	SAC TV	Full Semester
Section 37340 Telecourse instruction plus optional on-campus review sessions Tues 8/31, 9/14, 10/12, 11/9, & 11/30, 5-6:30 pm in room A-130. Go to www.sac.edu/disted for more information.					

INTERDISCIPLINARY STUDIES 155, HUMAN SEXUALITY

3 UNITS

An interdisciplinary review of the biological development and psychological influences across the lifespan, including neuroscience research, and sociocultural considerations in the areas of gender, attraction, attachment, love, sexual orientations, anatomy, sexual arousal and response, conception, contraception, reproduction, health, including sexual coercion, sexually transmitted infections.

35348	11:00a-12:25p	Tu Th	Sweeny Y	SAC R-124	Full Semester
35380	7:00p-10:10p	W	Sweeny Y	SAC R-124	Full Semester

INTERDISCIPLINARY STUDIES 200, INTRODUCTION TO LIBERAL STUDIES

3 UNITS

This survey course explores the historical foundations and interdisciplinary nature of Liberal Studies. We will examine the nature, history, and intersections of prevailing ideas on a specific topic through the arts and humanities, social and political thought, and scientific inquiry. Readings will reflect gender and cultural diversity.

Prerequisite: English 101 or 101H with a grade of C or better.

36311	7:00p-10:10p	M	Staff	SAC D-304	Full Semester
-------	--------------	---	-------	-----------	---------------

JOURNALISM

See Communications & Media Studies

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

LIBRARY & INFORMATION STUDIES

LIBRARY & INFORMATION STUDIES 100, LIBRARY RESEARCH FUNDAMENTALS 1 UNIT

Designed to provide students with survival skills in libraries. Print and non-print information sources such as reference books, magazines, databases and the Internet will be discussed. Students will participate in hands-on exercises in the Library.

35548	1:00p-2:05p	Tu	Pedroza L	SAC L-112-1	Full Semester
35824	1:00p-2:05p	W	Pedroza L	SAC L-112-1	Full Semester

LIBRARY TECHNOLOGY

LIBRARY TECHNOLOGY 053, LIBRARY INTERNSHIP

3 UNITS

Closely supervised field work experience in two selected library settings that will allow the student to apply learned knowledge and skills. Weekly review seminars and discussions are conducted in the classroom and on-line. To be taken in the last semester of an A.A. Degree or Certificate in Library Technology.

Prerequisite: Library Technology 101, 110, 122.

35355	4:00p-5:55p	W	Garcia Y	SAC L-112-1	Full Semester
-------	-------------	---	----------	-------------	---------------

LIBRARY TECHNOLOGY 054, CHILDREN'S LIBRARY SERVICES

3 UNITS

Explores standard procedures and practices in libraries as they are adapted to a children's library situation. Each student has practice evaluating materials and using various methods for sharing literature with children, e.g., reading aloud, storytimes, displays, and bibliographies.

35947	6:00p-9:10p	Tu	Powers R	SAC L-112-1	Full Semester
-------	-------------	----	----------	-------------	---------------

LIBRARY TECHNOLOGY 101, INTRODUCTION TO LIBRARY TECHNOLOGY

3 UNITS

Introduction to libraries as a career field with particular emphasis on the role of the library technician in various types of library settings. This course provides an overview of library history, organization, staffing, services, collections, online information sources and terminology.

35362	6:00p-9:10p	Th	Russo S	SAC L-112-1	Full Semester
-------	-------------	----	---------	-------------	---------------

LIBRARY TECHNOLOGY 122, PUBLIC SERVICES

3 UNITS

Exploration of library public services with special emphasis placed on a variety of issues as they relate to the circulation of library materials, the delivery of reference services, the use of the Internet and full-text databases for reference and the preparation and delivery of library programs.

Prerequisite: Library Technology 101.

35949	6:00p-9:10p	W	Staff	SAC L-112-1	Full Semester
-------	-------------	---	-------	-------------	---------------

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.)

34161	11:30a-12:55p	Tu Th	Koenig R	SAC A-207	Full Semester
34163	7:00p-10:10p	W	Irion M	SAC D-103	Full Semester

MANAGEMENT 121, HUMAN RELATIONS AND ORGANIZATIONAL BEHAVIOR

3 UNITS

The role of the manager and management's relationship to employees. Includes the application of motivational theories, communications, leadership, and organizational structure. (Same as Business 121.)

34164	7:00p-10:10p	Tu	Irion M	SAC A-130	Full Semester
-------	--------------	----	---------	-----------	---------------

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

34165	7:00p-10:10p	Tu	Woolgar D	SAC A-108	Full Semester
-------	--------------	----	-----------	-----------	---------------

MANUFACTURING TECHNOLOGY

MANUFACTURING TECHNOLOGY 011, BASIC BLUEPRINT READING

2 UNITS

Reading and interpreting blueprints for manufacturing. (Same as Engineering 011.)

W 36515	5:00p-7:05p	F	Farmer B	SAC A-130	Full Semester
---------	-------------	---	----------	-----------	---------------

MANUFACTURING TECHNOLOGY 053, TECHNICAL MATHEMATICS

3 UNITS

Ratios and proportions, formulas, measurements (liner, surface, and volume), geometric construction, and right triangles. Basics of algebra, geometry, and trigonometry for the manufacturing industry. (Same as Mathematics 053.)

Prerequisite: Mathematics N48 with grade of C or better.

W 36513	7:15p-10:25p	F	Farmer B	SAC A-130	Full Semester
---------	--------------	---	----------	-----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

MANUFACTURING TECHNOLOGY 058, BASIC MACHINING CONCEPTS AND OPERATIONS 3 UNITS

Fundamental operations on lathes, milling machines, grinders and drill presses, including precision measurements and layout. Equips students with skills and theory necessary to enter or upgrade within the machinist trade. Concurrent enrollment in Manufacturing Technology 011 recommended.

36518	9:30a-1:45p	Tu Th	Kanzler D	SAC T-107	Full Semester
36555	5:30p-9:35p	Tu Th	Gershman B	SAC T-107	Full Semester

MANUFACTURING TECHNOLOGY 059, ADVANCED TURNING CONCEPTS AND OPERATIONS 3 UNITS

Machine turning theory and skill development with emphasis on lathe principles, capabilities, and operations. Includes construction, tool grinding, and turning machine operations.

Prerequisite: Manufacturing Technology 058 with a grade of C or better.

36535	9:00a-1:15p	Tu Th	Kanzler D	SAC T-107	Full Semester
36557	5:30p-9:35p	M W	Kanzler D	SAC T-107	Full Semester

MANUFACTURING TECHNOLOGY 068, ADVANCED MILLING CONCEPTS AND OPERATIONS 3 UNITS

Advanced machine tool operation and setup with emphasis on milling machine principles, use, and capabilities, accessories, and operations.

Prerequisite: Manufacturing Technology 058 with a grade of C or better.

36537	9:00a-1:15p	Tu Th	Kanzler D	SAC T-107	Full Semester
36558	5:30p-9:35p	M W	Kanzler D	SAC T-107	Full Semester

MANUFACTURING TECHNOLOGY 069, JOB SHOP SKILLS 0.5 - 3 UNITS

Experience in planning, setup and machining of a wide variety of projects using all machine tools. Students will build upon the skills and theory gained in beginning and advanced Manufacturing Technology classes or by on-the-job experience.

Prerequisite: Manufacturing Technology 059 and 068.

Open Entry / Open Exit

36539	9:00a-1:45p	Tu Th	Kanzler D	SAC T-107	Full Semester
36559	5:00p-9:35p	M W	Kanzler D	SAC T-107	Full Semester

MANUFACTURING TECHNOLOGY 071, CNC PROGRAM WRITING 4 UNITS

Introductory course for manual CNC program writing. This course will include coordinate system, absolute/incremental programming, circular interpolation, cutter radius compensation, canned cycles, and program formatting.

W 36544 9:00a-1:15p Sa Singh N SAC H-207 Full Semester

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.

36545	5:30p-6:55p	Tu Th	Singh N	SAC T-203-1	Full Semester
-------	-------------	-------	---------	-------------	---------------

Section 36545 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 074, CNC MILLING CENTER SET UP AND OPERATION 3 UNITS

Basic setup and operation of numerically controlled milling machines. Students will set up and run a 3 axis CNC milling machine.

Prerequisite: Manufacturing Technology 058 and 071 with a grade of C or better.

36546	7:00p-10:10p	M	Singh N	SAC T-101	Full Semester
-------	--------------	---	---------	-----------	---------------

Section 36546 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 075, MASTERCAM - 3D GEOMETRY, 3D SURFACES 3 UNITS

Continued instruction of computer assisted numerical control programming. Advanced concepts and methods of creating 3-D geometry and 3-D surfaces using mastercam 3-D software. Suggested preparation: Manufacturing Technology 073.

36547	5:30p-6:55p	M W	Singh N	SAC T-203-1	Full Semester
-------	-------------	-----	---------	-------------	---------------

Section 36547 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 078, MASTERCAM LATHE 3 UNITS

Computer assisted numerical control programming of machine tools using MASTERCa lathe software. Emphasis placed on lathe toolpaths: facing, turning, grooving, boring, and threading.

Prerequisite: Manufacturing Technology 071, 073, and 076.

36548	7:00p-10:10p	Tu	Singh N	SAC T-203-1	Full Semester
-------	--------------	----	---------	-------------	---------------

Section 36548 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 086, ADVANCED CNC LATHE PROGRAMMING, SETUP AND OPERATION 3 UNITS

Advanced programming, setup and operation of CNC lathe. Course curriculum will include instruction on C-Axis with live tooling option, subprogram for C-Axis, tapered I.D. and O.D. thread, canned cycles, uses of digital probe for tool offset and programmable tailstock.

Prerequisite: Manufacturing Technology 071 and 076.

36549	7:00p-10:10p	Th	Singh N	SAC T-101	Full Semester
-------	--------------	----	---------	-----------	---------------

Section 36549 has 2 hours arranged per week

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

MANUFACTURING TECHNOLOGY 094, CNC HORIZONTAL MILL SETUP AND OPERATION 3 UNITS

Set up and operation of CNC Horizontal Machining Center. Student will learn the concepts necessary for set up and operation of the state-of-the-art horizontal milling machine. Course curriculum will include instruction on multi fixtures, rapid pallet changing, ability to machine several sides at once with a single set-up using fully programmable 4th axis, to boost productivity, cut lead times and lower production costs.

Prerequisite: Manufacturing Technology 071, 074, and 084.

36550	7:00p-10:10p	W	Singh N	SAC T-101	Full Semester
-------	--------------	---	---------	-----------	---------------

Section 36550 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY N96, MACHINE TOOL LABORATORY 0 UNIT

Supervised use of the machine tool lab for experience in set-up and operation of both conventional and CNC machine tools. Not applicable to associate degree.

Open Entry / Open Exit

36563	8:30a-12:30p	Tu Th	Kanzler D	SAC T-107	Full Semester
37348	12:00p-6:00p	F	Digilio G	SAC T-107	Full Semester
36562	5:30p-9:35p	Tu Th	Gershman B	SAC T-107	Full Semester
36560	5:30p-9:45p	M W	Kanzler D	SAC T-107	Full Semester
36561	7:00p-10:10p	Th	Singh N	SAC T-107	Full Semester
36565	7:00p-10:10p	W	Singh N	SAC T-107	Full Semester
36564	7:00p-10:10p	M	Singh N	SAC T-107	Full Semester

MANUFACTURING TECHNOLOGY N97, CAD/CAM COMPUTER LABORATORY 0 UNIT

Supervised use of the CAD/Ca Computer Lab for experience in the use of personal computers and software used in the primary course in which the student is enrolled.

Open Entry / Open Exit

37349	9:00a-5:30p	Sa	Digilio G	SAC T-107	Full Semester
37350	7:00p-10:10p	Tu	Corley G	SAC T-203	Full Semester
37352	7:00p-10:10p	Th	Cole J	SAC T-203-1	Full Semester
37351	7:00p-10:10p	W	Cole J	SAC T-203-1	Full Semester

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.)

36551	7:00p-10:10p	W	Cole J	SAC T-203-1	Full Semester
-------	--------------	---	--------	-------------	---------------

Section 36551 has 2 hours arranged per week

36552	7:00p-10:10p	Tu	Corley G	SAC T-203	Full Semester
-------	--------------	----	----------	-----------	---------------

Section 36552 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 104, SOLIDWORKS INTERMEDIATE SOLID MODELING 3 UNITS

Intermediate course for solid modeling, includes a review of the introductory class and changes to the Solidworks interface. Instruction in the use of intermediate Solidworks part modeling skills such as assembly modeling and sub-assemblies is included. (Same as Engineering 104.)

Prerequisite: Manufacturing Technology 083 or 103.

36553	7:00p-10:10p	Th	Cole J	SAC T-203-1	Full Semester
-------	--------------	----	--------	-------------	---------------

Section 36553 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 114, GEOMETRIC DIMENSIONING AND TOLERANCING 3 UNITS

Drawing interpretation utilizing geometric dimensioning and tolerancing (ANSI Y14.5) as applied in engineering, manufacturing, and inspection. Suggested preparation: Prior or concurrent enrollment in Manufacturing Technology 011 or Engineering 122. (Same as Engineering 114.)

36554	7:00p-10:10p	W	Corley G	SAC R-318	Full Semester
-------	--------------	---	----------	-----------	---------------

MANUFACTURING TECHNOLOGY 188, MACHINE TECHNOLOGY SURVEY 3 UNITS

Machine tool setup and operation for students who desire general knowledge of machine tools and processes. All the basic machine tools are used. Not intended for Manufacturing Technology majors. (Same as Engineering 188.)

Prerequisite: Successful completion of or concurrent enrollment in Manufacturing Technology 011; Engineering 011, 051; or Automotive Technology 002 or 006.

36540	9:00a-1:15p	Tu Th	Kanzler D	SAC T-107	Full Semester
36556	5:30p-9:35p	Tu Th	Gershman B	SAC T-107	Full Semester

MARKETING

MARKETING 112, PRINCIPLES OF ADVERTISING 3 UNITS

An analysis of the principles of advertising as a marketing tool. The use of persuasive techniques about products, services, or ideas. Understanding the use of various media to increase product use, to build brand preference and loyalty, and to communicate information about a product.

34167	7:00p-10:10p	Th	Russo J	SAC D-102	Full Semester
-------	--------------	----	---------	-----------	---------------

MARKETING 113, PRINCIPLES OF MARKETING 3 UNITS

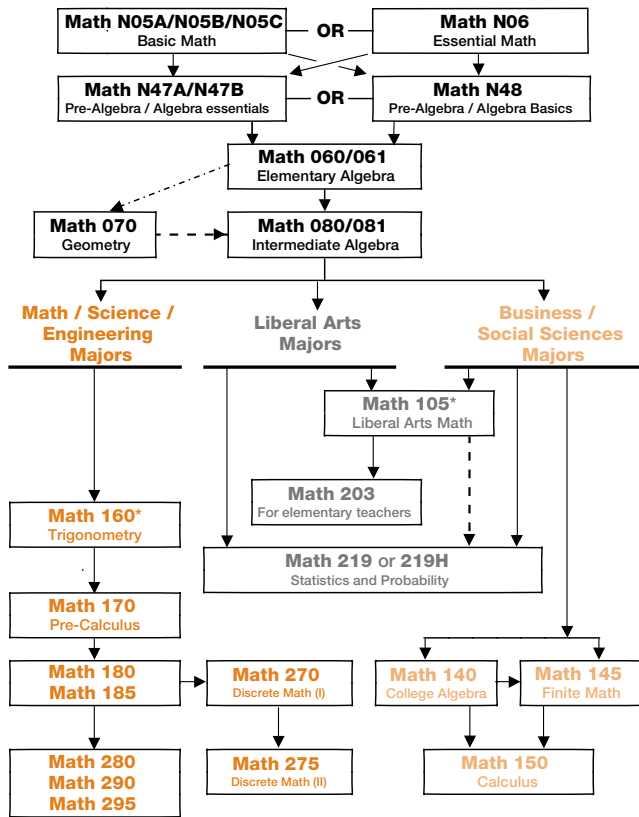
The process of developing products that will satisfy the many needs of consumers and businesses. Includes market research techniques, pricing, distribution, and promotion.

34168	9:45a-11:10a	Tu	Grant M	SAC A-203	Full Semester
-------	--------------	----	---------	-----------	---------------

Section 34168 combines mandatory on-campus meetings every Tues, 9:45am-11:10am SAC A-203 plus online instruction.

34169	7:00p-10:10p	M	Russo J	SAC A-207	Full Semester
-------	--------------	---	---------	-----------	---------------

Mathematics Course Sequences



Note: Where a student places in the sequence will depend upon previous background and test scores. Check prerequisites for all courses.

Note: Students planning to transfer to a four-year school should work carefully with a counselor and the catalog of the school of transfer. A college major should be chosen by the end of Math 080/081 to ensure enrollment in the most appropriate subsequent class.

*Geometry is prerequisite.

MATHEMATICS

MATHEMATICS N05A, BASIC MATHEMATICS A 1 UNIT

Reviews whole numbers and fractions using lectures, self-paced computer assisted instruction, and manipulative activities. Not applicable to associate degree.

Open Entry / Open Exit

34657	8:00a-10:05a	MW	Marecek L	SAC L-202	Full Semester
34658	10:15a-12:20p	Tu Th	Leeds K	SAC L-202	Full Semester
34659	1:00p-3:05p	MW	Rogers N	SAC L-202	Full Semester
34661	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
34660	5:45p-10:00p	M	Leeds K	SAC L-202	Full Semester

MATHEMATICS N05B, BASIC MATHEMATICS B 1 UNIT

Reviews decimals and percents using lectures, self-paced computer assisted instruction, and manipulative activities. Not applicable to associate degree.

Prerequisite: Mathematics N05A.

Open Entry / Open Exit

34664	8:00a-10:05a	MW	Marecek L	SAC L-202	Full Semester
34665	10:15a-12:20p	Tu Th	Leeds K	SAC L-202	Full Semester
34666	1:00p-3:05p	MW	Rogers N	SAC L-202	Full Semester
34679	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
34667	5:45p-10:00p	M	Leeds K	SAC L-202	Full Semester

MATHEMATICS N05C, BASIC MATHEMATICS C 1 UNIT

Reviews geometric formulas and signed numbers using lectures, self-paced computer assisted instruction, and manipulative activities. Not applicable to associate degree.

Prerequisite: Mathematics N05A and N05B.

Open Entry / Open Exit

34680	8:00a-10:05a	MW	Marecek L	SAC L-202	Full Semester
34683	10:15a-12:20p	Tu Th	Leeds K	SAC L-202	Full Semester
34685	1:00p-3:05p	MW	Rogers N	SAC L-202	Full Semester
34690	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
34688	5:45p-10:00p	M	Leeds K	SAC L-202	Full Semester

MATHEMATICS N06, ESSENTIAL MATHEMATICS 3 UNITS

Reviews whole numbers, fractions, decimals, percents, geometric formulas and signed numbers. Not applicable to associate degree.

Prerequisite: Must take math placement test.

34251	8:00a-10:05a	MW	Rollins-Logay E	SAC L-207	Full Semester
34252	9:45a-11:50a	Tu Th	Rogers N	SAC L-207	Full Semester
34254	12:30p-2:35p	MW	Root A	SAC L-207	Full Semester
34255	5:00p-7:05p	Tu Th	Root A	SAC L-207	Full Semester
34253	5:45p-10:00p	Th	Powers R	SAC I-104	Full Semester
34256	7:15p-9:20p	Tu Th	Hashemi S	SAC L-207	Full Semester

MATHEMATICS N47A, PRE-ALGEBRA/ALGEBRA ESSENTIALS A 2 UNITS

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.

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.

Open Entry / Open Exit

34691	8:00a-10:05a	MW	Marecek L	SAC L-202	Full Semester
34693	10:15a-12:20p	Tu Th	Leeds K	SAC L-202	Full Semester
34695	1:00p-3:05p	MW	Rogers N	SAC L-202	Full Semester
34697	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
34696	5:45p-10:00p	M	Leeds K	SAC L-202	Full Semester

MATHEMATICS N47B, PRE-ALGEBRA/ALGEBRA ESSENTIALS B 2 UNITS

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.

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.

Open Entry / Open Exit

34698	8:00a-10:05a	MW	Marecek L	SAC L-202	Full Semester
34702	10:15a-12:20p	Tu Th	Leeds K	SAC L-202	Full Semester
34703	1:00p-3:05p	MW	Rogers N	SAC L-202	Full Semester
34706	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
34704	5:45p-10:00p	M	Leeds K	SAC L-202	Full Semester

MATHEMATICS N48, PRE-ALGEBRA/ALGEBRA BASICS 4 UNITS

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.

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.

W 34273	8:00a-12:15p	Sa	Pilz L	SAC R-113	Full Semester
34257	8:00a-10:05a	MW	Rogers N	SAC L-203	Full Semester
34258	8:30a-10:35a	Tu Th	Marecek L	SAC L-203	Full Semester

Section 34258 is linked to Counseling 107, The Freshman Experience, Section 34729.

Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

34271	9:45a-11:50a	Tu Th	Anthony M	SAC R-113	Full Semester
34270	9:45a-11:50a	Tu Th	Shirman T	SAC R-115	Full Semester
34260	10:15a-12:20p	MW	Rogers N	SAC L-203	Full Semester

Section 34260 is linked to Counseling 107, The Freshman Experience, Section 34766.

Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

34261	10:45a-12:50p	Tu Th	MacBride-Hart C	SAC L-203	Full Semester
34272	12:00p-2:05p	Tu Th	Marecek L	SAC R-113	Full Semester
34264	12:30p-2:35p	MW	Marecek L	SAC L-203	Full Semester
34262	1:00p-3:05p	Tu Th	Shirman T	SAC L-203	Full Semester
34268	2:15p-4:20p	MW	Porter S	SAC R-113	Full Semester
34265	3:15p-5:20p	Tu Th	Zeller M	SAC L-203	Full Semester
34269	5:00p-7:05p	MW	Porter S	SAC R-113	Full Semester
34263	5:30p-7:35p	Tu Th	Zeller M	SAC L-203	Full Semester
34267	5:30p-7:35p	MW	Sheldon J	SAC L-203	Full Semester
34266	7:45p-9:50p	Tu Th	Hager B	SAC L-203	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

MATHEMATICS 053, TECHNICAL MATHEMATICS

3 UNITS

Ratios and proportions, formulas, measurements (linear, surface, and volume), geometric construction, and right triangles. Basics of algebra, geometry, and trigonometry for the manufacturing industry. (Same as Manufacturing Technology 053.)

Prerequisite: Mathematics N48 with a grade of C or better.

W 36514	7:15p-10:25p	F	Farmer B	SAC A-130	Full Semester
---------	--------------	---	----------	-----------	---------------

Mathematic Course Icons

CAI

Students will be required to use the MyMathLab or other software which is packaged with new textbooks. Homework and/or quizzes will be submitted via the internet. May not be Mac compatible.



Graphing Calculators will be required.
TI-84+ Recommended

MATHEMATICS 060, ELEMENTARY ALGEBRA

4 UNITS

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.

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).

34354	TBA		Everett M	SAC WEB	Full Semester
-------	-----	--	-----------	---------	---------------

Section 34354 will be required to use the MyMathLab or other software.

Between the dates of Aug 18-20 email the instructor at everett_mike@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, Sept 24, Oct 22, Nov 19, and Dec 10, 6:00pm-8:00pm, SAC I-206. See online courses page in the class schedule or go to www.sac.edu/disted for more information.

34298	7:00a-9:05a	Tu Th	Bajaj J	SAC H-105	Full Semester
34277	7:00a-9:05a	M W	Bourouis-Benyassine A	SAC H-104	Full Semester
34280	7:30a-9:35a	Tu Th	Airey D	SAC R-113	Full Semester
34284	7:45a-9:50a	Tu Th	Zarske J	SAC I-203	Full Semester
CAI 34275	8:00a-10:05a	M W	Sandoval-Martinez M	SAC R-318	Full Semester

Section 34275 is linked to Counseling 107, The Freshman Experience, Section 34739.

Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information. Section 34275 will be required to use the MyMathLab or other software.

34285	9:45a-11:50a	Tu Th	Root A	SAC H-104	Full Semester
34289	9:45a-11:50a	M W	Root A	SAC R-113	Full Semester

Section 34289 is linked to Counseling 107, The Freshman Experience, Section 34767.

Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

34288	10:00a-12:05p	Tu Th	Bajaj J	SAC R-117	Full Semester
34299	10:15a-12:20p	M W	Bourouis-Benyassine A	SAC I-204	Full Semester
34279	12:00p-2:05p	Tu Th	Pai R	SAC L-207	Full Semester
34281	12:00p-2:05p	M W	Meier K	SAC H-104	Full Semester

Section 34281 is linked to Counseling 107, The Freshman Experience, Section 34771.

Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

34276	12:00p-2:05p	Tu Th	Vu D	SAC H-108	Full Semester
CAI 34294	12:00p-2:05p	M W	Sandoval-Martinez M	SAC R-113	Full Semester

Section 34294 will be required to use the MyMathLab or other software.

34296	2:45p-4:50p	Tu Th	Felton D	SAC R-113	Full Semester
CAI 34292	2:45p-4:50p	M W	Nguyen K	SAC H-105	Full Semester

Section 34292 will be required to use the MyMathLab or other software.

34293	3:15p-5:20p	M W	Sam T	SAC H-109	Full Semester
34290	4:00p-6:05p	Tu Th	Fletcher H	SAC I-209	Full Semester
CAI 34283	5:00p-7:05p	M W	Nguyen K	SAC I-203	Full Semester

Section 34283 will be required to use the MyMathLab or other software.

CAI 34278	5:00p-7:05p	Tu Th	Mahoney J	SAC R-113	Full Semester
-----------	-------------	-------	-----------	-----------	---------------

Section 34278 will be required to use the MyMathLab or other software.

34282	5:30p-7:35p	M W	Elizondo G	SAC L-207	Full Semester
34297	5:30p-7:35p	Tu Th	Meier K	SAC H-105	Full Semester

CAI 34287	7:15p-9:20p	Tu Th	Mahoney J	SAC R-113	Full Semester
-----------	-------------	-------	-----------	-----------	---------------

Section 34287 will be required to use the MyMathLab or other software.

34301	7:15p-9:20p	M W	Maiah A	SAC R-113	Full Semester
34300	7:45p-9:50p	M W	Elizondo G	SAC H-108	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

MATHEMATICS 070, GEOMETRY

3 UNITS

Basic Euclidean geometry. Includes concepts of lines, planes, triangles, congruence, proofs, inequalities, parallel lines, similarity, areas, and volumes.

Prerequisite: Mathematics 060 or 061 with a grade of C or better; or placement into Mathematics 070 on the mathematics level 2 placement exam and a course equivalent to mathematics.

CAI 34358	12:00p-2:05p	Tu Th	Hockman A	SAC H-104	Full Semester
-----------	--------------	-------	-----------	-----------	---------------

Section 34358 will be required to use the MyMathLab or other software.

ATTENTION MATH 081 STUDENTS!

All Math 081 classes have a lab component requiring 16 hours (1hr/week) in the Math Center.

MATHEMATICS 081, INTERMEDIATE ALGEBRA WITH LAB

4 UNITS

A second course in algebra that includes systems of equations: inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions, problem solving. All Math 081 classes include a laboratory requirement requiring weekly attendance in the Math Center.

Prerequisite: Mathematics 060 or 061 with a grade of C or better; or placement into Math 080 or 081 on the Mathematics level 2 placement exam and a course equivalent to Mathematics 060 or 061.

34418	TBA		Vu D	SAC WEB	Full Semester
-------	-----	--	------	---------	---------------

Section 34418 Between the dates of Aug 18-20 email the instructor at vu_dahlia@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, Sept 24, Oct 22, Nov 19, and Dec 10, 6:00pm-8:00pm, SAC I-203. See online courses page in the class schedule or go to www.sac.edu/disted for more information.

34378	6:15a-8:45a	M W	Youssef M	SAC I-203	Full Semester
34403	7:00a-9:30a	Tu Th	Mayo W	SAC H-107	Full Semester

CAI 34369	7:30a-10:00a	M W	Everett M	SAC H-109	Full Semester
-----------	--------------	-----	-----------	-----------	---------------

Section 34369 will be required to use the MyMathLab or other software.

W 34417	8:00a-1:20p	Sa	Maiah A	SAC I-203	Full Semester
CAI 34371	8:15a-10:45a	Tu Th	Fazeli F	SAC R-318	Full Semester

Section 34371 will be required to use the MyMathLab or other software.

34380	9:00a-11:30a	M W	Youssef M	SAC I-203	Full Semester
34409	9:15a-11:45a	M W	Staff	SAC H-107	Full Semester

34391	10:15a-12:45p	M W	Rollins-Logay E	SAC H-108	Full Semester
34415	10:15a-12:45p	Tu Th	Zarske J	SAC H-109	Full Semester

CAI 34404	10:15a-12:45p	Tu Th	Everett M	SAC I-203	Full Semester
-----------	---------------	-------	-----------	-----------	---------------

Section 34404 is linked to Counseling 107, The Freshman Experience, Section 34741.

Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

Section 34404 will be required to use the MyMathLab or other software.

34411	11:45a-2:15p	M W	Lechuga J	SAC I-203	Full Semester
34408	12:00p-2:30p	Tu Th	Carrera C	SAC H-107	Full Semester

Section 34408 Prerequisite-Fire Tech 101 with a grade of C or better.

Must be concurrently enrolled in a Fire Tech course or have instructor approval.

CAI 34361	12:00p-2:30p	Tu Th	Fazeli F	SAC H-105	Full Semester
-----------	--------------	-------	----------	-----------	---------------

Section 34361 will be required to use the MyMathLab or other software.

CAI 34413	12:30p-3:00p	M W	Solheid C	SAC H-109	Full Semester
-----------	--------------	-----	-----------	-----------	---------------

Section 34413 will be required to use the MyMathLab or other software.

34414	1:00p-3:30p	Tu Th	Bowers C	SAC H-109	Full Semester
CAI 34393	1:00p-3:30p	Tu Th	Everett M	SAC I-203	Full Semester

Section 34393 will be required to use the MyMathLab or other software.

34406	1:15p-3:45p	M W	Lieu T	SAC R-114	Full Semester
34363	2:15p-4:45p	M W	Leeds K	SAC H-107	Full Semester

34377	3:45p-6:15p	Tu Th	Leeds K	SAC I-203	Full Semester
34410	5:00p-7:30p	Tu Th	Shafigh M	SAC H-107	Full Semester

34376	7:15p-9:45p	M W	Gonzalez J	SAC H-107	Full Semester
34381	7:45p-10:15p	M W	Nguyen T	SAC H-105	Full Semester
CAI 34416	7:45p-10:15p	M W	Cedeno J	SAC H-109	Full Semester

Section 34416 will be required to use the MyMathLab or other software.

Can't find the class you need?

It may be waiting for you at
Santiago Canyon College!

View SCC's class schedule at
www.sccollege.edu/schedule

SCC's class schedule is included in this booklet.

Hurry! Class sizes are limited.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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 of 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.					
34432	TBA		Everett M	SAC WEB	Full Semester
Section 34432 will be required to use the MyMathLab or other software.					
Between the dates of Aug 18-20 email the instructor at everett_mike@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, Sept 24, Oct 22, Nov 19, and Dec 10, 4:00pm-6:00pm, SAC I-206. See online courses page in the class schedule or go to www.sac.edu/disted for more information.					
34426	8:00a-12:15p	F	Vu H	SAC L-207	Full Semester
Section 34426 will be required to use the MyMathLab or other software.					
34427	10:15a-12:20p	MW	Kassman S	SAC L-207	Full Semester
34428	12:30p-2:35p	MW	Kassman S	SAC H-105	Full Semester
34431	2:15p-4:20p	Tu Th	Hockman A	SAC I-106	Full Semester
Section 34431 will be required to use the MyMathLab or other software.					
34430	2:45p-4:50p	MW	Lechuga J	SAC L-207	Full Semester
34429	7:45p-9:50p	Tu Th	Hendon S	SAC I-203	Full Semester
MATHEMATICS 140, COLLEGE ALGEBRA 4 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>					
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.					
34510	TBA		Solheid C	SAC WEB	Full Semester
Section 34510 will be required to use the MyMathLab or other software.					
Between the dates of Aug 18-20 email the instructor at solheid_christa@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, Sept 24, Oct 22, Nov 19, and Dec 10, 6:00pm-8:00pm, SAC I-204. See online courses page in the class schedule or go to www.sac.edu/disted for more information.					
34508	7:00a-9:05a	MW	Proffitt J	SAC H-107	Full Semester
34509	8:00a-12:15p	Sa	Bui M	SAC I-204	Full Semester
34503	9:45a-11:50a	Tu Th	Carrera C	SAC H-107	Full Semester
34504	12:00p-2:05p	MW	Carrera C	SAC H-107	Full Semester
34505	2:45p-4:50p	Tu Th	Pai R	SAC H-107	Full Semester
34506	5:00p-7:05p	MW	Tran F	SAC H-104	Full Semester
34507	7:45p-9:50p	Tu Th	Nguyen D	SAC H-107	Full Semester
MATHEMATICS 150, CALCULUS FOR BIOLOGICAL, MANAGEMENT AND SOCIAL SCIENCES 4 UNITS					
<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>					
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.					
34511	7:00a-9:30a	Tu Th	Minasian A	SAC L-207	Full Semester
34512	9:45a-12:15p	MW	Solheid C	SAC H-105	Full Semester
Section 34512 will be required to use the MyMathLab or other software.					
34513	7:45p-10:15p	Tu Th	Meier K	SAC H-105	Full Semester
MATHEMATICS 160, TRIGONOMETRY 4 UNITS					
<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>					
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.					
34514	8:00a-10:05a	Tu Th	MacBride-Hart C	SAC H-109	Full Semester
34515	10:15a-12:20p	MW	Mc Clure C	SAC H-109	Full Semester
34516	5:30p-7:35p	MW	Cedeno J	SAC H-109	Full Semester
Section 34516 will be required to use the MyMathLab or other software.					
34517	6:30p-8:35p	Tu Th	Nguyen T	SAC H-109	Full Semester
MATHEMATICS 170, PRE-CALCULUS MATHEMATICS 4 UNITS					
<i>Advanced algebraic topics. Study of rational, trigonometric, exponential and logarithmic functions, and analytic geometry. Preparation for Mathematics 180.</i>					
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.					
34518	7:00a-9:30a	MW	Kashi M	SAC H-105	Full Semester
34521	9:15a-11:45a	Tu Th	Kashi M	SAC H-105	Full Semester
34520	2:45p-5:15p	Tu Th	Hager B	SAC H-105	Full Semester
34522	5:00p-7:30p	MW	Lieu T	SAC H-105	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MATHEMATICS 180, ANALYTIC GEOMETRY AND CALCULUS 4 UNITS					
<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 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.					
34523	7:00a-9:30a	Tu Th	Sheldon J	SAC H-104	Full Semester
34526	9:15a-11:45a	MW	MacBride-Hart C	SAC H-104	Full Semester
34527	2:15p-4:45p	MW	Sill K	SAC H-104	Full Semester
34529	3:45p-6:15p	Tu Th	Nguyen T	SAC H-109	Full Semester
34524	5:00p-7:30p	Tu Th	Sill K	SAC H-104	Full Semester
MATHEMATICS 185, ANALYTIC GEOMETRY AND CALCULUS 4 UNITS					
<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>					
Prerequisite: Mathematics 180 or 180H, first semester calculus, with a grade of C or better.					
34530	2:15p-4:45p	Tu Th	Kashi M	SAC H-104	Full Semester
34531	7:15p-9:45p	MW	Tran F	SAC H-104	Full Semester
MATHEMATICS 219, STATISTICS AND PROBABILITY 4 UNITS					
<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>					
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.					
34532	7:30a-10:00a	MW	Ortiz F	SAC H-108	Full Semester
34540	8:00a-1:20p	Sa	Rivera Junior F	SAC A-213	Full Semester
34538	9:15a-11:45a	Tu Th	Mc Clure C	SAC H-108	Full Semester
Section 34538 will be required to use the MyMathLab or other software.					
34534	1:00p-3:30p	MW	Bowers C	SAC H-108	Full Semester
34537	2:15p-4:45p	Tu Th	Anthony M	SAC H-108	Full Semester
Section 34537 will be required to use the MyMathLab or other software.					
34539	5:00p-7:30p	MW	Bowers C	SAC R-114	Full Semester
34533	7:15p-9:45p	Tu Th	Pham T	SAC H-108	Full Semester
MATHEMATICS 219H, HONORS STATISTICS AND PROBABILITY 4 UNITS					
<i>Enhanced format for the beginning course in statistics and probability, using a seminar approach and computers and individual research, and presentations. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics, with applications designed around the individual interests of students. (Same as Social Science 219H.)</i>					
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) and a high school or college GPA of 3.0 or higher.					
34542	12:45p-3:15p	Tu Th	Mc Clure C	SAC A-213	Full Semester
Section 34542 will be required to use the MyMathLab or other software.					
MATHEMATICS 280, INTERMEDIATE CALCULUS 4 UNITS					
<i>Vectors and three-dimensional space, functions of several variables, partial derivatives and multiple integrals. Vector calculus, Green's Theorem, Stoke's Theorem and the Divergence Theorem.</i>					
Prerequisite: Mathematics 185, second semester calculus, with a grade of C or better.					
34552	2:45p-4:50p	Tu Th	Sill K	SAC I-107	Full Semester

MEDICAL ASSISTANT

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MEDICAL ASSISTANT 001, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL 1 - 4 UNITS					
<i>Supervised paid or volunteer experience in student's major including new or expanded responsibilities. One unit 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 the units for Medical Assistant 001.</i>					
33626	TBA	Th	Emley C	SAC R-228	Full Semester
4:30p-5:35p Th Emley C SAC R-228					
Section 33626 meets 8/26, 9/2, 9/9, AND 12/9 FROM 4:30-5:35pm, SAC R-228.					
Student arranges work experience placement. Number of units based on number of hours; to be arranged. Healthcare experience is required.					
MEDICAL ASSISTANT 020, BLOODBORNE AND AIRBORNE PATHOGEN STANDARDS 0.5 UNIT					
<i>Presentation of California Occupational Safety and Health Act (Cal-OSHA) Bloodborne and Airborne Pathogen Standards for occupational at-risk exposure to hepatitis, HIV-AIDS and Tuberculosis including compliance requirements, exposure control measures, exposure determination, protective equipment, and post exposure practices.</i>					
33627	8:00a-12:00p	F	Emley C	SAC R-307	09/24-09/24
1:00p-5:10p F Emley C SAC R-307					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

MEDICAL ASSISTANT PROGRAM



Certificate Program (15 units) Required Courses:
 MA 051A, MA 051B, MA 053, MA 054, MA 055
 (Electives: MA 001, MA 020, MA 056)

MEDICAL ASSISTANT 051A, BEGINNING MEDICAL TERMINOLOGY 3 UNITS

Introduction to medical terms including structural analysis of prefixes, combining form/roots, and suffixes. Emphasis on terms related to anatomy, physiology, diagnostic tests and pathology of the digestive, renal-urinary, and reproductive systems. Also terms related to pregnancy and the newborn.

33629	3:00p-6:10p	Tu	Emley C	SAC C-104	Full Semester
33630	5:30p-8:40p	W	Emley C	SAC A-210	Full Semester

MEDICAL ASSISTANT 051B, ADVANCED MEDICAL TERMINOLOGY 3 UNITS

Continuation of MA 051A. Includes medical terms related to anatomy, physiology, diagnostic tests and pathology of the nervous, cardiovascular, respiratory, circulatory, musculoskeletal, skin, sensory and the endocrine systems.

Prerequisite: Medical Assistant 051A.

33631	2:00p-5:10p	M	Emley C	SAC A-210	Full Semester
-------	-------------	---	---------	-----------	---------------

MEDICAL ASSISTANT 053, MEDICAL ASSISTANT - ADMINISTRATIVE FRONT OFFICE 3 UNITS

Medical front office training including the role, responsibilities, professionalism, medical ethics and laws, medical records, filing, billing and collection, banking, bookkeeping, reception, telephone techniques, oral and written communication, resume and job seeking skills. Also includes a unit on office first aid and life threatening illnesses.

33632	12:30p-3:40p	W	Seitz C	SAC B-31	Full Semester
-------	--------------	---	---------	----------	---------------

MEDICAL ASSISTANT 054, MEDICAL INSURANCE AND BILLING FORMS 3 UNITS

Instruction in the rules, regulations, and completion of medical insurance forms for Medicare, Medi-Cal, Tricare, MediMedi, State Disability, Worker's Compensation and private commercial insurance carriers. Includes legal and ethical guidelines, and instruction in procedure coding using current procedural terminology and ICD-9-CM.

33633	6:30p-9:40p	M	Randles D	SAC R-303-1	Full Semester
-------	-------------	---	-----------	-------------	---------------

MEDICAL ASSISTANT 055, MEDICAL ASSISTANT - CLINICAL BACK OFFICE 3 UNITS

Medical back office with emphasis on asepsis, sterilization, gloving and ungloving, assisting physician with exams and minor office surgical procedures, vital signs, wound care, dressings, bandaging, specimen collections, medications and injection techniques.

33634	6:15p-9:25p	Th	Emley C	SAC R-307	Full Semester
-------	-------------	----	---------	-----------	---------------

MUSIC

MUSIC 098, MUSIC LABORATORY 0.5 UNIT

Sign in/out supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Completion of new assignments each semester. Accumulation of 24 hours earns 0.5 unit.

Open Entry / Open Exit					
36868	TBA		Kehlenbach E	SAC N-119	Full Semester

MUSIC 101, MUSIC APPRECIATION 3 UNITS

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.

35619	TBA		Jones E	SAC WEB	Full Semester
Section 35619 Go to www.sac.edu/disted for more information. Email instructor first week of class. (jones_elliott@sac.edu)					
35615	8:00a-9:25a	Tu Th	Davenport D	SAC N-117	Full Semester
35606	9:30a-10:55a	Tu Th	Kim J	SAC C-104	Full Semester
35608	11:00a-12:25p	M W	Hung G	SAC C-104	Full Semester
35610	7:00p-10:10p	Tu	O'Hern E	SAC C-104	Full Semester

MUSIC 103, JAZZ IN AMERICA 3 UNITS

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.

35629	9:30a-10:55a	Tu Th	Lopez D	SAC N-114	Full Semester
35623	9:30a-10:55a	M W	Kehlenbach E	SAC N-114	Full Semester
35631	7:00p-10:10p	Th	Lopez D	SAC C-104	Full Semester

MUSIC 104, ROCK MUSIC HISTORY AND APPRECIATION 3 UNITS

Historical survey of rock music from its beginnings in the 50's to the present. Major rock and pop styles will be discussed. Personalities and musical styles will be related to the social, political, and cultural context of the time.

36116	7:00p-10:10p	M	Bush N	SAC D-105	Full Semester
-------	--------------	---	--------	-----------	---------------

MUSIC 109, READING AND MAKING MUSIC 2 UNITS

Introduction to music reading. Practical experience in learning how to perform melodies, rhythms and simple chords from a written score. Recommended for beginning instrumental and voice students, and those preparing for music theory.

35647	4:50p-6:55p	Tu	Jones E	SAC N-117	Full Semester
-------	-------------	----	---------	-----------	---------------

MUSIC 110, FUNDAMENTALS OF MUSIC 3 UNITS

Music is explored through lecture, written exercises, melodic and rhythmic performance, and composition. Stresses practical skills necessary for performance. Prepares students for the study of harmony and arranging by examining scales, intervals, and chords. Ability to read music in at least one clef is advised.

35635	11:00a-12:25p	M W	Blake P	SAC N-117	Full Semester
-------	---------------	-----	---------	-----------	---------------

MUSIC 111, BASIC THEORY AND EAR TRAINING 4 UNITS

Beginning level computer assisted course in music theory. Includes detailed study of rhythm, notation, scales, intervals, beginning harmony and musicianship skills. Ability to read music in at least one clef recommended. Required of music majors; open to non-majors.

35646	11:00a-12:55p	M W	Blake P	SAC N-117	Full Semester
1 hour arranged each week					
35663	6:00p-10:15p	Th	Blake P	SAC N-114	Full Semester
1 hour arranged each week					

MUSIC 113A, BASIC MUSICIANSHIP SKILLS 1 UNIT

Ear training and in-class sight singing preparation for students not ready for Music 114A. Arranged hours in Music Lab for computer programs and ear training CD's. Basic knowledge of scales and intervals recommended.

35738	5:00p-5:55p	Th	Marr J	SAC N-106	Full Semester
1 hour arranged each week					

MUSIC 113B, MUSICIANSHIP SKILLS 1 UNIT

Continued ear training and in-class sight singing preparation for students not ready for Music 114A. Arranged hours in Music Lab for computer programs and ear training CD's. Basic knowledge of scales and intervals recommended.

Prerequisite: Music 113A.

35739	5:00p-5:55p	Th	Marr J	SAC N-106	Full Semester
1 hour arranged each week					

MUSIC 114A, MUSICIANSHIP 1 UNIT

Competency-based sight singing, rhythm, ear training, dictation (melodic/harmonic) for performers and transferring music majors. Arranged hours in Music Lab for computer programs, aural tapes and Tapmasters.

Prerequisite: Music 112.

35740	6:00p-6:55p	Th	Kehlenbach E	SAC N-117	Full Semester
2 hours arranged each week					

MUSIC 114B, MUSICIANSHIP 1 UNIT

Competency-based sight singing, rhythm, ear training, dictation (melodic/harmonic) for performers and transferring music majors. Arranged hours in Music Lab for computer programs, aural tapes and Tapmasters. B semester uses more advanced materials.

Prerequisite: Music 114A.

35742	6:00p-6:55p	Th	Kehlenbach E	SAC N-117	Full Semester
2 hours arranged each week					

MUSIC 115A, APPLIED MUSIC (PRIVATE INSTRUCTION) 1 UNIT

Weekly lesson in voice, piano, band/orchestral instrument or classical guitar. Five hours on-campus practice per week and attendance at weekly recital required. B, C, and D semesters require study of more advanced repertoire. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215.

Open Entry / Open Exit

35743	TBA		Lopez D	SAC N-117	Full Semester
-------	-----	--	---------	-----------	---------------

MUSIC 115B, APPLIED MUSIC (PRIVATE INSTRUCTION) 1 UNIT

Weekly lesson in voice, piano, band/orchestra instrument or classical guitar covering more advanced repertoire than Music 115A. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215.

Open Entry / Open Exit

35744	TBA		Jones J	SAC N-117	Full Semester
-------	-----	--	---------	-----------	---------------

MUSIC 115C, APPLIED MUSIC (PRIVATE INSTRUCTION) 1 UNIT

Weekly lesson in voice, piano, band/orchestra instrument or classical guitar. Must attend weekly recital and practice 5 hours per week in Music Building.

Open Entry / Open Exit

35745	TBA		Jones J	SAC N-117	Full Semester
-------	-----	--	---------	-----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

MUSIC 115D, APPLIED MUSIC (PRIVATE INSTRUCTION) 1 UNIT

Weekly lesson in voice, piano, band/orchestra instrument or classical guitar. Attend weekly recital and 5 hours weekly practice in Music Building.

Open Entry / Open Exit

35746	TBA		Jones J	SAC N-117	Full Semester
-------	-----	--	---------	-----------	---------------

MUSIC 121, BEGINNING VOICE 1 UNIT

Group instruction designed to develop 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.

35749	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
35748	1:00p-1:55p	Tu	O'Hern E	SAC N-117	Full Semester
	1:00p-1:55p	Th	O'Hern E	SAC N-117	
35747	6:00p-6:55p	W	Jones E	SAC N-117	Full Semester
	7:00p-7:55p	W	Jones E	SAC N-117	

MUSIC 122, INTERMEDIATE VOICE 1 UNIT

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. Designed for both music majors and non music majors.

Prerequisite: Music 121.

35755	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
35753	1:00p-1:55p	Tu	O'Hern E	SAC N-117	Full Semester
	1:00p-1:55p	Th	O'Hern E	SAC N-117	
35751	6:00p-6:55p	W	Jones E	SAC N-117	Full Semester
	7:00p-7:55p	W	Jones E	SAC N-117	

MUSIC 123, ADVANCED VOICE 1 UNIT

Group instruction designed to present advanced vocal exercises for solo and choral vocal production. Instruction includes song literature in English and several foreign languages. Practice outside of class required. Designed for both music majors and non music majors.

Prerequisite: Music 122.

35761	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
35759	1:00p-1:55p	Tu	O'Hern E	SAC N-117	Full Semester
	1:00p-1:55p	Th	O'Hern E	SAC N-117	
35757	6:00p-6:55p	W	Jones E	SAC N-117	Full Semester
	7:00p-7:55p	W	Jones E	SAC N-117	

MUSIC 124, ADVANCED VOCAL PRODUCTION AND REPERTOIRE 1 UNIT

Continuation of group instruction for students who have completed three semesters of voice and can perform at an advanced level. Further develops advanced vocal and choral production through a variety of vocal styles and techniques. Instruction includes advanced English and foreign language song literature. Practice outside of class required. Designed for both music majors and non music majors.

Prerequisite: Music 123.

35766	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
35764	1:00p-1:55p	Tu	O'Hern E	SAC N-117	Full Semester
	1:00p-1:55p	Th	O'Hern E	SAC N-117	
35763	6:00p-6:55p	W	Jones E	SAC N-117	Full Semester
	7:00p-7:55p	W	Jones E	SAC N-117	

MUSIC 135, CONCERT CHORALE 1 UNIT

Rehearsal and performance of standard and current choral repertoire. Designed to train students in mixed ensemble singing. Public performance emphasized. Each semester requires performance of a variety of new and different repertoire. Designed for students who have basic singing skills.

35767	2:00p-3:25p	M W	Jones E	SAC N-117	Full Semester
			1.5 hours arranged each week		
35768	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester
			1.5 hours arranged each week		

MUSIC 136, COLLEGIATE CHOIR 1 UNIT

Mixed chorus for general-interest singers. Rehearses and performs a variety of music, including classical, folk tunes, and songs from Broadway musicals. Limited daytime performances. Each semester requires performance of a variety of new repertoire.

35770	2:00p-3:25p	M W	Jones E	SAC N-117	Full Semester
35772	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

Instrumental and Vocal Ensembles at SAC

Concert Choir, Music 135
Chamber Choir, Music 137
Concert Band, Music 171
The Jazz Ensemble, Music 175
'Don' Mariachi, Music 178
Chamber Orchestra, Music 181
Guitar Ensemble, Music 189

For more information on instrumental classes contact David Lopez, 564-5652.

MUSIC 137, CHAMBER CHOIR 1 UNIT

Rehearsal and performance of standard and current chamber choir repertoire. Course designed for off-campus competitions and formal on-campus performance. Each semester requires the performance of a variety of new repertoire.

35773	3:30p-4:50p	M W	Jones E	SAC N-117	Full Semester
	2:30p-3:25p	Th	Jones E	SAC N-117	

MUSIC 141, INSTRUMENTAL ENSEMBLES 1 UNIT

Study, rehearsal, and performance of music for small commercial instrumental groups. Music literature will differ each semester. Previous instrumental performance experience recommended. Audition required.

36149	2:45p-5:50p	Th	Lopez D	SAC N-114	Full Semester
-------	-------------	----	---------	-----------	---------------

MUSIC 142, CREATING MUSIC WITH MIDI 1 UNIT

Basic techniques in creating music with computer assisted technology including MIDI sequencing, drum track programming, editing, mixdown and use of software sampler. Students learn MIDI applications through musical projects. Basic skill level on keyboard suggested.

35777	12:30p-1:25p	M W	Kehlenbach E	DMC-204	08/23-10/13
			2 hours arranged each week		

MUSIC 143, INTERMEDIATE TECHNIQUES OF MIDI SEQUENCING 1 UNIT

Intermediate techniques of MIDI and computer sequencing including graphic editing, virtual mixing, MIDI effects and use of the sampler. Students learn MIDI applications and electronic composition through musical projects.

Prerequisite: Music 142.

35778	12:30p-1:25p	M W	Kehlenbach E	DMC-204	10/18-12/08
			2 hours arranged each week		

MUSIC 144, PROJECTS IN ELECTRONIC MUSIC 1 UNIT

Exploration of the skills necessary to arrange music on the computer/MIDI workstation for commercial applications. Individual projects will improve and extend students electronic skills in the areas of composition, sequencing, and recording.

Prerequisite: Music 143 or 147.

35779	12:00p-1:00p	M W	Kehlenbach E	DMC-204	10/18-12/08
			4 hours arranged each week		
35782	1:30p-2:30p	Tu Th	Bush N	DMC-204	10/19-12/09
			4 hours arranged each week		

MUSIC 146, DIGITAL RECORDING STUDIO TECHNIQUES I 2 UNITS

Introductory class in computer-based hard disk recording. Emphasis on digital sound manipulation, editing, mixdown, and microphone techniques.

35784	1:30p-2:55p	Tu Th	Bush N	DMC-204	08/24-10/14
			3 hours arranged each week		
35785	6:00p-9:10p	W	Graham A	DMC-204	08/25-10/13
			3 hours arranged each week		

MUSIC 147, DIGITAL RECORDING STUDIO TECHNIQUES II 2 UNITS

Continuation of Digital Recording Studio Techniques I. Further study of digital sound manipulation including digital effects, compression, equalization, editing on a digital mixer, live recording techniques and CD production.

Prerequisite: Music 146.

35787	1:30p-2:55p	Tu Th	Bush N	DMC-204	10/19-12/09
			3 hours arranged each week		

MUSIC 149, THE BUSINESS OF MUSIC 2 UNITS

Introduction to the business and legal aspects of the music industry. This course covers current trends and issues for performing and recording careers in music. Topics include copyright, royalties, recording contracts, performing rights organizations, publishing, and publicity.

35789	5:50p-7:55p	Tu	Graham A	DMC-203	Full Semester
-------	-------------	----	----------	---------	---------------

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MUSIC 161, CLASS PIANO I 1 UNIT					
<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>					
35790	12:30p-1:25p	Tu	Tseng P	SAC N-106	Full Semester
	12:30p-1:25p	Th	Tseng P	SAC N-106	
35796	1:30p-2:25p	M	Blake P	SAC N-106	Full Semester
	1:30p-2:25p	W	Blake P	SAC N-106	
35792	5:50p-6:50p	Tu	Warde L	SAC N-106	Full Semester
	7:00p-7:55p	Tu	Warde L	SAC N-106	
35795	6:00p-6:55p	Th	Kim J	SAC N-106	Full Semester
	7:00p-8:05p	Th	Kim J	SAC N-106	
35798	7:00p-7:55p	M	Unal F	SAC N-106	Full Semester
	8:00p-9:05p	M	Unal F	SAC N-106	

MUSIC 162, CLASS PIANO II 1 UNIT					
<i>Group instruction for those possessing basic piano skills, but still classified as beginners. Emphasizes note reading, keyboard technique, chord patterns, sightreading. Daily practice required. Practice pianos available on campus. Required for music majors whose principal instrument is not piano.</i>					
Prerequisite: Music 061 or 161.					
35801	6:00p-6:55p	W	Blake P	SAC N-106	Full Semester
	7:00p-8:05p	W	Blake P	SAC N-106	

MUSIC 163, CLASS PIANO III 1 UNIT					
<i>Instruction for students who have completed two semesters of piano and are ready for the intermediate level. Emphasizes building technique, sight reading and performance. Daily practice required. Practice pianos available on campus.</i>					
Prerequisite: Music 162.					
35803	7:00p-7:55p	W	Blake P	SAC N-106	Full Semester
	8:00p-9:05p	W	Blake P	SAC N-106	

MUSIC 164A, INTERMEDIATE PIANO REPERTOIRE I 1 UNIT					
<i>Instruction for intermediate level students. Emphasizes solo material, technique, sight reading, interpretation, and performance. Daily practice required. Practice pianos available on campus.</i>					
Prerequisite: Music 163.					
35805	7:00p-7:55p	W	Blake P	SAC N-106	Full Semester
	8:00p-9:05p	W	Blake P	SAC N-106	
.5 hour arranged each week					

MUSIC 164B, INTERMEDIATE PIANO REPERTOIRE II 1 UNIT					
<i>Continuation of instruction for advanced intermediate level students. Emphasizes solo material, technique, sight reading, and performance. Daily practice required. Practice pianos available on campus.</i>					
Prerequisite: Music 164A.					
35807	7:00p-7:55p	W	Blake P	SAC N-106	Full Semester
	8:00p-9:05p	W	Blake P	SAC N-106	
.5 hour arranged each week					

MUSIC 168, STYLISTIC INTERPRETATION OF PIANO REPERTOIRE 1 UNIT					
<i>Style characteristics of Baroque, Classical, Romantic and 20th Century music studied through representative piano compositions. Students learn to play expressively within currently accepted performance practices for each period. Not for beginners.</i>					
Prerequisite: Music 164B.					
35781	7:00p-7:55p	W	Blake P	SAC N-106	Full Semester
	8:00p-9:05p	W	Blake P	SAC N-106	

MUSIC 171, CONCERT BAND 1 UNIT					
<i>Study and rehearsal of band music for concert performances on campus and in the community. Each semester requires performance of new and different repertoire. Designed for students with basic performance skills.</i>					
35783	7:00p-10:10p	W	Lopez D	SAC N-114	09/01-12/12

MUSIC 175, JAZZ ENSEMBLE 1 UNIT					
<i>Study, rehearsal, and performance of contemporary jazz/rock music for the jazz ensemble with help in developing techniques of improvisation. Each semester requires performance of new and different jazz repertoire. Designed for students with basic performance skills.</i>					
35786	7:00p-10:10p	M	Lopez D	SAC N-114	08/30-12/12
.5 hour arranged each week					

MUSIC 176, JAZZ BAND 1 UNIT					
<i>Advanced study, rehearsal, and performance of standard and contemporary jazz literature. Includes advanced techniques in improvisation. Each semester requires performance of new and different repertoire. Designed for students with basic performance skills.</i>					
35788	7:00p-10:00p	M	Lopez D	SAC N-114	08/30-12/12

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MUSIC 178, MARIACHI 1 UNIT					
<i>Mixed ensemble for the study, rehearsal and performance of Mariachi repertoire with an emphasis on the music from Jalisco. Each semester requires the performance of a variety of different repertoire. Designed for students who have basic performance skills.</i>					
35791	2:45p-5:50p	Th	Viramontes E	SAC N-114	Full Semester
MUSIC 179, TECHNIQUE STUDIES FOR PIANIST 1 UNIT					
<i>Group study of scales, arpeggios, and exercises to increase finger agility and keyboard control. Suggested concurrent enrollment with Music 164AB or applied piano studies in Music 115. Not for beginners.</i>					
Prerequisite: Music 163.					
35793	12:00p-12:55p	M	Unal F	SAC N-106	Full Semester
	12:00p-12:55p	W	Unal F	SAC N-106	
.5 hour arranged each week					

MUSIC 180, STRING METHODS 1 UNIT					
<i>Instruction on violin, viola, cello or string bass in an ensemble setting at the beginning and intermediate levels. Fundamental skills developed through rehearsal and in-class performance of technical exercises and beginning orchestral repertoire.</i>					
35797	7:00p-7:55p	Tu	Shorts N	SAC N-114	08/31-12/12
	8:00p-9:05p	Tu	Shorts N	SAC N-114	

MUSIC 181, CHAMBER ORCHESTRA 1 UNIT					
<i>Rehearsal and performance of standard repertoire for chamber orchestra. Each semester requires the performance of a variety of different repertoire. Designed for students who have basic performance skills.</i>					
35799	7:00p-10:10p	Tu	Shorts N	SAC N-114	08/31-12/12

MUSIC 185, BEGINNING CLASSICAL GUITAR 1 UNIT					
<i>Guitar playing techniques of right hand and left hand fingers. Development of correct finger usage. Basic instruction in reading staff notation and relating staff notation to practical playing of solo and ensemble repertoire. Student must furnish nylon string guitar.</i>					
W 35804	10:00a-10:55a	Sa	Adele D	SAC N-114	Full Semester
	11:00a-12:05p	Sa	Adele D	SAC N-114	
35802	5:50p-6:50p	M	Giraldin M	SAC N-117	Full Semester
	7:00p-7:55p	M	Giraldin M	SAC N-117	

MUSIC 186, INTERMEDIATE CLASSICAL GUITAR 1 UNIT					
<i>Instruction at the intermediate level in solo, duo and trio repertoire. Emphasizes technique studies and performance styles of 18th century music. Student must provide nylon string guitar.</i>					
Prerequisite: Music 185.					
35806	8:00p-8:55p	M	Giraldin M	SAC N-117	Full Semester
	9:00p-10:05p	M	Giraldin M	SAC N-117	

MUSIC 187, ADVANCED CLASSICAL GUITAR 1 UNIT					
<i>Instruction at the advanced level in solo, duo and trio repertoire. Emphasizes advanced technical studies and etudes and performance styles of 16th through 20th century music. Student must provide nylon string guitar.</i>					
Prerequisite: Music 186.					
35808	8:00p-8:55p	M	Giraldin M	SAC N-117	Full Semester
	9:00p-10:05p	M	Giraldin M	SAC N-117	
.5 hour arranged each week					

MUSIC 188, ADVANCED CLASSICAL GUITAR TECHNIQUE AND REPERTOIRE 1 UNIT					
<i>Further develops advanced technique and solo performance through study of Renaissance, Baroque, and Classic ornamentation and various performance styles of 16th through 20th century music. Student must provide nylon string guitar.</i>					
Prerequisite: Music 187.					
35809	8:00p-8:55p	M	Giraldin M	SAC N-117	Full Semester
	9:00p-10:05p	M	Giraldin M	SAC N-117	
.5 hour arranged each week					

MUSIC 189, GUITAR ENSEMBLE 1 UNIT					
<i>Rehearsal and performance of standard and current repertoire for guitar ensemble. Each semester requires the performance of a variety of different repertoire. Designed for students who have basic performance skills.</i>					
W 35810	12:15p-3:25p	Sa	Adele D	SAC N-114	Full Semester

MUSIC 211, MUSIC HISTORY AND LITERATURE 3 UNITS					
<i>Survey of important European trends in musical style and form from the Middle Ages to the 20th century. Required for music majors. Open to non-music majors. Recommended preparation: Music 112</i>					
35811	TBA		Jones E	SAC WEB	Full Semester
Section 35811 Go to www.sac.edu/disted for more information. E-mail instructor first week of class. (jones_elliott@sac.edu)					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

MUSIC 213, THEORY 3**3 UNITS**

Continuation of diatonic harmony from Music 112. Chromatic harmony introduced. Includes non-dominant seventh chords, secondary dominants, modulation, and altered chords. Keyboard harmony. Concurrent enrollment in Music 114A recommended. Required for music majors; open to non majors.

Prerequisite: Music 112.

35812 7:00p-10:10p Th Kehlenbach E SAC N-117 Full Semester

MUSIC 215A, APPLIED MUSIC (ADVANCED PRIVATE INSTRUCTION)**1 UNIT**

Weekly lesson in voice, piano, band/orchestral instrument or classical guitar. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 5 semesters may be taken in a combination of Music 115ABCD and 215. Prerequisite: Audition and concurrent enrollment in one music course.

35813 TBA Lopez D SAC N-117 Full Semester

MUSIC 216, ADVANCED HARMONY AND COMPOSITION I**3 UNITS**

Extension of harmonic studies of Music 213 and 214 into complete small compositions. Emphasizes learning to write effectively for the piano. Introduction to simple contrapuntal techniques and how to combine words with music.

Prerequisite: Music 214.

36153 7:00p-9:10p Th Kehlenbach E SAC N-117 Full Semester
10:00a-10:55a F Kehlenbach E SAC N-117**MUSIC 217, ADVANCED HARMONY AND COMPOSITION II****3 UNITS**

Extension of Music 213 and Music 214 harmonic studies into complete small compositions. Emphasizes development technique. Explores highly chromatic harmony, dissonance, and selected 20th century styles.

Prerequisite: Music 214.

36154 7:00p-9:10p Th Kehlenbach E SAC N-117 Full Semester
10:00a-10:55a F Kehlenbach E SAC N-117**MUSIC 241, CHAMBER MUSIC ENSEMBLE****1 UNIT**

Rehearsal and performance of music for small groups of strings, woodwinds, brass, percussion, and keyboard instruments in varying combinations. Each semester requires performance of new repertoire. Previous instrumental performance experience recommended. Audition required.

W 35817	12:15p-3:25p	Sa	Adele D	SAC N-114	Full Semester
36164	3:30p-4:50p	MW	Jones E	SAC N-117	Full Semester
	2:30p-3:25p	Th	Jones E	SAC N-117	
35815	7:00p-10:10p	Tu	Shorts N	SAC N-114	Full Semester
35816	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester

MUSIC 271, SYMPHONIC BAND**1 UNIT**

The rehearsal and performance of band music. Preparation of standard band repertoire for performances in the community. Each semester requires performance of a variety of new and different repertoire. Designed for students with intermediate or advanced performance skills.

35604 7:00p-10:10p W Lopez D SAC N-114 09/01-12/12

NURSING-REGISTERED**NURSING-REGISTERED 045, CARDIOPULMONARY RESUSCITATION RE-CERTIFICATION****0.2 UNIT**

To provide updated information and skills training in Basic Life Support for healthcare providers.

Open Entry / Open Exit

33614 8:00a-5:00p F Steckler M SAC R-203 Full Semester
Concurrent enrollment in Registered Nursing, EMT, or RN Re-entry.**NURSING-REGISTERED 101, NURSING PROCESS: NON-CRITICAL ADULTS****4.5 UNITS**

Emphasizes nursing process in the care of adult and geriatric patients of diverse cultures with non-critical biological and psychosocial system needs deficits.

Prerequisite: Biology 139 or 229, 239, 249, and English 101 or 101H. Concurrent enrollment in Nursing-Registered 101L.

33579 11:45a-2:05p W Rehm A SAC R-126 Full Semester
2:00p-4:20p Th Schroeder B SAC R-128
33580 6:00p-9:35p Th Paunovic M SJH 07/22-12/9

ALL Registered Nursing 101 students are to pay the required Kaplan testing fee. Directions for paying the fee are to be obtained from the Nursing Office, SAC R-213.

FIRST CLASS MEETING

Make sure you attend the first class meeting!

Attendance at the first meeting of a class is advised because of enrollment demands. Any student not reporting to the first class meeting may be dropped from the roll sheet.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

NURSING-REGISTERED 101L, NURSING ACTIONS: NON-CRITICAL ADULTS**5 UNITS**

Clinical experience emphasizing nursing process for adults and geriatric patients of diverse cultures with non-critical biological system needs. Focuses on psychomotor skills and application. Applies concepts to multicultural groups in acute and other community based settings.

Prerequisite: Concurrent enrollment in Nursing-Registered 101 and completion of admission requirements in Nursing-Registered Nursing Program.

W 33586	TBA	Sa Su	Rehm A	FRENCH	07/24-12/04
----------------	-----	-------	--------	--------	-------------

ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.

W 33585	TBA	Sa Su	Paunovic M	CAREHOUS	07/24-12/04
33581	TBA	M Tu	Schroeder B	CAREHOUS	08/23-11/30
33583	TBA	M Tu	Coliflores R	NNR	08/23-11/30
33582	TBA	M Tu	Rehm A	FRENCH	08/23-11/30
33584	TBA	M Tu	Chela R	CAREHOUS	08/23-11/30

Only students enrolled in the Extended Campus Program may register for section 33585 and 33586.

NURSING-REGISTERED 102, NURSING PROCESS: WOMEN, PARENTS, AND CHILDREN**4 UNITS**

Emphasizes nursing process of women, parents and children of diverse cultures with biological and psychosocial system needs. Examines community-based nursing concepts. Focuses on growth and development across the life phases, with emphasis on family centered care. Principles of I.V. therapy will also be emphasized.

Prerequisite: Nursing-Registered 101, 101L, 103, 112, concurrent enrollment in 102L.

33587 9:30a-11:40a W Ettinger B SAC R-307 Full Semester
3:00p-5:00p Th Ettinger B SAC R-307

ALL Registered Nursing 102 students are to pay the required Kaplan testing fee. Directions for paying the fee are to be obtained from the Nursing Office, SAC R-213.

NURSING-REGISTERED 102L, NURSING ACTIONS: WOMEN, PARENTS AND CHILDREN**4.6 UNITS**

Clinical laboratory experience emphasizing the nursing process in the care of women, parents and children of diverse cultures with biological and psychosocial system need deficits. Application of the nursing process in acute care and community-based settings. Focus is on the application of the biological and psychosocial theoretical concepts in clinical practice.

Prerequisite: Nursing-Registered 101, 101L, 103, 112; concurrent enrollment in Nursing-Registered 102.

33591	TBA	Tu	Newton McMillan M	MH	08/23-12/07
-------	-----	----	-------------------	----	-------------

ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 220 clinical hours to be arranged.

33588	TBA	M	Bass S	SJH	08/23-12/06
33589	TBA	M	Ettinger B	FV	08/23-12/06
33590	TBA	Tu	Giroux R	WMC	08/23-12/07

NURSING-REGISTERED 103, PHARMACOLOGICAL CONCEPTS OF NURSING**2 UNITS**

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.

Prerequisite: English 101 or English 101H, Biology 239, Biology 249, Biology 139 or 229.

33611 2:30p-4:35p W Paunovic M SAC R-124 Full Semester

NURSING-REGISTERED 112, NURSING CONCEPTS**1.5 UNITS**

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.

Prerequisite: English 101 or English 101H, Biology 239, Biology 249, Biology 139 or 229.

33612 9:00a-10:25a Th Coliflores R SAC R-114 Full Semester

NURSING-REGISTERED 198, HEALTH SCIENCES SKILLS LABORATORY - FIRST YEAR**0.5 UNIT**

Supervised use of skills lab to assist the student in development of clinical competency and mastery of psychomotor skills for the first year student. Open entry/open exit. May be repeated. Credit/No Credit.

Open Entry / Open Exit

W 33607	TBA	M Tu W Th F Sa	Steckler M	SAC R-203	08/23-12/08
----------------	-----	----------------	------------	-----------	-------------

24 hours to be arranged.

33608	1:00p-6:00p	Th	Duralde M	SJH	07/29-12/02
-------	-------------	----	-----------	-----	-------------

24 hours to be arranged.

NURSING-REGISTERED 198, HEALTH SCIENCES SKILLS LABORATORY - SECOND YEAR**0.5 UNIT**

Supervised use of skills lab to assist the student in development of clinical competency and mastery of psychomotor skills for the second year student. Open entry/open exit. May be repeated. Credit/No Credit.

Open Entry / Open Exit

W 33609	TBA	M Tu W Th F Sa	Steckler M	SAC R-203	Full Semester
----------------	-----	----------------	------------	-----------	---------------

24 hours to be arranged.

33610	1:00p-6:00p	Th	Duralde M	SJH	07/29-12/02
-------	-------------	----	-----------	-----	-------------

24 hours to be arranged.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

NURSING-REGISTERED 200, ROLE TRANSITION

2 UNITS

Bridge course for LVN or transfer student with an emphasis on RN role development. Application of the nursing process within the Santa Ana College Nursing Conceptual Framework. Discussion of test-taking strategies. Review of medication calculations, fluid balance. Includes skills testing. Open to all nursing students; required of advanced placement.

33613	9:00a-11:20a	W	Horgan L	SAC R-114	10/20-12/09
	1:00p-3:20p	Th	Horgan L	SAC R-114	

NURSING-REGISTERED 201, NURSING PROCESS: CRITICAL BIOLOGICAL & PSYCHOSOCIAL SYSTEM NEEDS I

4 UNITS

Emphasizes nursing process of adult and geriatric patients of diverse cultures with critical biological and psychosocial system needs deficits.

Prerequisite: Nursing-Registered 102 & 102L, concurrent enrollment in RN 201L.

33592	1:15p-3:25p	W	Stucken R	SAC W-101	Full Semester
	2:00p-4:00p	Th	Nick J	SAC A-130	
33593	6:00p-9:20p	Th	Stucken R	SJH	07/22-12/09


ALL Registered Nursing 201 students are to pay the required Kaplan testing fee. Directions for paying the fee are to be obtained from the Nursing Office, SAC R-213.

NURSING-REGISTERED 201L, NURSE ACTIONS: CRITICAL BIOLOGICAL AND PSYCHOSOCIAL SYSTEM NEEDS I


5 UNITS

Application of the nursing process in caring for adults and geriatric patients of diverse cultures with critical biological and psychosocial system needs in institutional and community settings. Application of psychomotor skills and analysis of concepts.

Prerequisite: Nursing-Registered 102, 102L and concurrent enrollment in Nursing-Registered 201.

	33600	TBA	Sa Su	Horgan L	SJH	07/24-12/05
--	-------	-----	-------	----------	-----	-------------

ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC, R-213. 240 clinical hours to be arranged.

	33598	TBA	Sa Su	Stucken R	COL	07/24-12/05
	33594	TBA	M	Nick J	UCI	08/23-12/06
	33596	TBA	Tu	Horgan L	SJH	08/23-12/07
	33595	TBA	M	Staff	COL	08/23-12/06
	33597	TBA	M	Massey B	SJH	08/23-12/06

Only students enrolled in the Extended Campus Program may register for sections 33598 and 33600.

NURSING-REGISTERED 202, NURSING PROCESS: CRITICAL BIOLOGICAL AND PSYCHOSOCIAL SYSTEM NEEDS II

4 UNITS

Emphasizes nursing process for adult and geriatric patients of diverse cultures with critical psychosocial and biological system needs with a focus on R.N. role in leadership, decision-making and patient teaching.

Prerequisite: Nursing-Registered 201, 201L; concurrent enrollment in RN 202L.

33601	1:00p-4:05p	M	Hirsch R	SAC R-126	08/23-11/08
	3:00p-6:05p	Th	Mixer D	SAC C-104	

ALL Registered Nursing 202 students are to pay the required Kaplan testing fee. Directions for paying the fee are to be obtained from the Nursing Office, SAC R-213.

NURSING-REGISTERED 202L, NURSING ACTION: CRITICAL BIOLOGICAL AND PSYCHOSOCIAL SYSTEM NEEDS II



5.4 UNITS

Application of leadership theory and nursing process to adult and geriatric patients of diverse cultures with critical psychosocial and biological system needs deficits. Application of cognitive content and practice of psychomotor skills. Preceptorship time and location to be arranged.

Prerequisite: Nursing-Registered 201, 201L; concurrent enrollment in Nursing-Registered 202.

	33606	TBA	Tu	Haglund B	WMC	08/24-12/09
--	-------	-----	----	-----------	-----	-------------

ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC, R-213. 256 clinical hours to be arranged.

	33605	TBA	Sa	Mixer D	SJH	08/24-12/09
	33602	TBA	Sa	Bowles C	UCI	08/24-12/09
	33603	TBA	W	Hirsch R	MH	08/24-12/09
	33604	TBA	Tu	Paunovic M	SJH	08/24-12/09

NUTRITION & FOOD

NUTRITION & FOOD 065, CONTEMPORARY NUTRITION

3 UNITS

Nutrition fundamentals for health maintenance throughout the life cycles of diverse populations including chronic diseases, weight control and athletic performance; use of nutrient supplements and evaluation of information sources.


36490	9:30a-10:55a	Tu Th	Higgins R	SAC T-212	Full Semester
36498	6:30p-9:40p	W	Drozdz A	SAC T-212	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

NUTRITION & FOOD 115, NUTRITION

3 UNITS

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.

	37557	TBA	Higgins R	SAC WEB	Full Semester
---	-------	-----	-----------	---------	---------------

Section 37557 Online instruction plus mandatory on-campus orientation meeting on Wed, 8/25, 6:30-8:30pm. SAC I-108. Go to www.sac.edu/disted for more information. Email instructor first week of class (higgins_rita@sac.edu)

36493	9:30a-10:55a	Tu Th	Higgins R	SAC T-212	Full Semester
36499	6:30p-9:40p	W	Drozdz A	SAC T-212	Full Semester


OCCUPATIONAL THERAPY ASSISTANT

OCCUPATIONAL THERAPY ASSISTANT 100, TERMINOLOGY AND DOCUMENTATION FOR THE O.T.A.

1 UNIT

This course will offer an introduction to basic medical terminology and documentation appropriate to practice needs of the Occupational Therapy Assistant.

Prerequisite: Biology 149 or 239 and 249 with concurrent enrollment in OTA 101, 101L, and 111.


	36010	TBA	Parolise M	SAC WEB	Full Semester
---	-------	-----	------------	---------	---------------

Section 36010 Go to www.sac.edu/disted for more information. Email instructor first week of class (parolise_michelle@sac.edu)

OCCUPATIONAL THERAPY ASSISTANT 101, FOUNDATIONS OF OCCUPATION AND OCCUPATIONAL THERAPY

4 UNITS

Course defines and explores occupation as it is used to provide the foundation for study of the occupational therapy profession with an overview of past and present practice.

	36011	TBA	Parolise M	SAC WEB	Full Semester
---	-------	-----	------------	---------	---------------

Section 36011 Go to www.sac.edu/disted for more information. Email instructor first week of class (parolise_michelle@sac.edu)

OCCUPATIONAL THERAPY ASSISTANT 101L, EXPLORATION OF OCCUPATION THROUGH ACTIVITY

2.5 UNITS

Clinical experience emphasizing the meaning and variability of occupation through analysis of occupational patterns, task analysis, opportunity to observe teaching and learning of selected populations, and practicing teaching and learning skills.

Prerequisite: English 101 or 101H, and 3 units of Speech Communication (101 or 101H, or 102 or 140 or 145 or 152). Concurrent enrollment in O.T.A. 100, 101 and 111.

36015	6:00p-9:10p	M W	Vu V	SAC T-210	Full Semester
-------	-------------	-----	------	-----------	---------------

2 hours arranged per week

OCCUPATIONAL THERAPY ASSISTANT 102, PSYCHOSOCIAL FUNCTION AND DYSFUNCTION

4 UNITS

This course will define and explore psychosocial phenomena commonly seen by the Occupational Therapy Assistant and will examine evaluation techniques, functional deficits and methods of treatment.

Prerequisite: OTA 101 and 101L, and concurrent enrollment in OTA 102L.

36016	8:00a-10:05a	M W	Parolise M	SAC T-210	Full Semester
-------	--------------	-----	------------	-----------	---------------

OCCUPATIONAL THERAPY ASSISTANT 102L, PSYCHOSOCIAL COMPONENTS OF OCCUPATION

2.5 UNITS

This course will explore the occupational therapy assistants' role in conducting assessments and treatment protocols used in pediatric, adolescent, and adult psychosocial settings.

Prerequisite: Occupational Therapy Assistant 100, 101, 101L, and concurrent enrollment in OTA 102.

36018	10:30a-1:40p	M W	Hyman D	SAC T-210	Full Semester
-------	--------------	-----	---------	-----------	---------------


2 hours arranged per week

OCCUPATIONAL THERAPY ASSISTANT 103, PHYSICAL FUNCTION AND DYSFUNCTION

4 UNITS

Emphasizes the physical components of development, the continuum of function/dysfunction of the client and the role of the O.T.A. in assessment and treatment of commonly seen physical dysfunction diagnosis.

Prerequisite: Occupational Therapy Assistant 102 and 102L and concurrent enrollment in Occupational Therapy Assistant 103L and 201.

	36019	TBA	Vu V	SAC WEB	Full Semester
---	-------	-----	------	---------	---------------

Section 36019 Go to www.sac.edu/disted for more information. Email instructor first week of class (vu_victoria@sac.edu)

OCCUPATIONAL THERAPY ASSISTANT 103L, PHYSICAL COMPONENTS OF OCCUPATION

2.5 UNITS

Explores the Occupational Therapy Assistant's role in conducting assessments and treatment commonly used by occupational therapists with clients across the life span.

Prerequisite: Occupational Therapy Assistant 102, and 102L and concurrent enrollment in OTA 103 and 201.

36021	6:00p-9:10p	Tu Th	Hattiangadi R	SAC T-210	Full Semester
-------	-------------	-------	---------------	-----------	---------------

2 hours arranged per week

Online Counseling Now Available!
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

OCCUPATIONAL THERAPY ASSISTANT 111, APPLIED KINESIOLOGY 1 UNIT

This course will focus on understanding human movement as an integral component of occupational performance and will examine how kinesiology and biomechanics are utilized in treatment by the Occupational Therapy Assistant.

Prerequisite: Biology 149 or 239.

36022	TBA		Parolise M	SAC WEB	Full Semester
Section 36022 Go to www.sac.edu/disted for more information. Email instructor first week of class. (parolise_michelle@sac.edu)					

OCCUPATIONAL THERAPY ASSISTANT 201, CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE 4 UNITS

This lecture/lab course explores the multiple roles of the occupational therapy assistant in documentation, services management, professional behaviors, non-traditional roles, and contemporary models of practice.

Prerequisite: Occupational Therapy Assistant 102, and 102L; concurrent enrollment in O.T.A. 103 and 103L.

36023	TBA		Parolise M	SAC WEB	Full Semester
Section 36023 online instruction plus mandatory on-campus laboratory meetings on Sat, Sept 11, 25, Oct 09, 16, 23, 30, Nov 06, 13, Dec 04, 11 from 9:00 am - 12 noon, SAC T-210. Go to www.sac.edu/disted for more information. Email instructor first week of class. (parolise_michelle@sac.edu)					

OCCUPATIONAL THERAPY ASSISTANT 202, LEVEL II FIELDWORK - PART I 6 UNITS

Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply learned knowledge and skills.

Prerequisite: Occupational Therapy Assistant 103, 103L and 201.

36024	TBA		Hyman D	SAC T-210	08/23-10/17
40 arranged hours per week					

OCCUPATIONAL THERAPY ASSISTANT 203, LEVEL II FIELDWORK - PART II 6 UNITS

Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply learned knowledge and skills.

Prerequisite: Occupational Therapy Assistant 103, 103L and 201.

36025	TBA		Hyman D	SAC T-210	10/18-12/12
40 arranged hours per week					

PARALEGAL

PARALEGAL 100, INTRODUCTION TO PARALEGAL STUDIES 3 UNITS

Study of the legal assistant profession. Duties of a legal assistant, investigation, basic law office organization, court system and research fundamentals. Focus on ethics, terminology, and interviewing with sensitivity toward the diverse cultural mix of our society.

W 33791	8:00a-5:10p	Sa	Lamarra K	SAC A-130	08/28-10/02
34245	9:00a-10:25a	Tu Th	Manzano F	SAC A-205	Full Semester
34246	7:00p-10:10p	M	Nelson A	SAC A-210	Full Semester

PARALEGAL 105, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL 1 - 4 UNITS

Supervised paid or volunteer experience in student's major including new or expanded responsibilities. One unit of credit for each 5 hours worked per week to a maximum of 4 units for 20 hours work per week each semester. Limitation of 16 units in occupational cooperative education courses. Students must be enrolled in minimum of 7 units.

36017	TBA		De Boer C	SAC WEB	Full Semester
Section 36017 Go to www.sac.edu/disted for more information. Email instructor first week of class. (Deboer_Christine@sac.edu)					

PARALEGAL 107, PRINCIPLES AND PROCEDURES IN THE CRIMINAL JUSTICE SYSTEM 3 UNITS

Role, responsibilities, interrelationships of segments in justice system; law enforcement, courts, corrections, exposure to procedures from initial entry to probation and/or parole. (Same as Criminal Justice 107.)

35983	11:30a-12:55p	Tu Th	Manzano F	SAC A-205	Full Semester
35729	7:00p-10:10p	Tu	Alexander R	SAC I-107	Full Semester

PARALEGAL 120, COMPUTERS IN THE LAW OFFICE 4 UNITS

Basic computer concepts for law office personnel. The focus will be on current hardware and software used in the law office.

Material Fee(s): \$4

34347	6:00p-10:15p	W	Keck E	SAC A-108	Full Semester
-------	--------------	---	--------	-----------	---------------

PARALEGAL 121, ETHICS AND PROFESSIONAL RESPONSIBILITY 2 UNITS

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.

36013	TBA		Manzano F	SAC WEB	Full Semester
Section 36013 online Go to www.sac.edu/disted for more information. Email instructor first week of class. (manzano_rick@sac.edu)					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

PARALEGAL 130, LEGAL TRANSACTIONS 3 UNITS

Introduction to contracts and drafting legal documents. Contract formation, performance, breach and third party interests. Student will learn to draft various contracts and other documents and will select, edit and customize formbook and computerized forms in real property, family law, and estate planning.

34348	9:00a-10:55a	M W	Manzano F	SAC A-205	08/23-10/13
Section 34348 combines mandatory on-campus meetings Mon & Wed, 9am-10:55am, SAC A-205 plus online instruction.					

PARALEGAL 131, ALTERNATE DISPUTE RESOLUTION 2 UNITS

Conflict resolution through techniques of negotiation, mediation and arbitration. Students will identify sources of conflict, analyze personalities, mediate impartially and use tools to maximize negotiation effectiveness. The course includes application of mediation skills in the law office and in other situations.

W 34401	8:00a-5:10p	Sa	Lamarra K	SAC A-130	11/06-12/04
34351	9:00a-10:55a	M W	Manzano F	SAC A-205	10/18-12/08

PARALEGAL 136, REAL PROPERTY LAW AND PROCEDURE 2 UNITS

Purchase sales agreements, mortgages, leases, easements, deeds, closing and recording of documents, public domain, condemnation, title searches, foreclosure process, eviction process (unlawful detainer), landlord-tenant law.

34353	6:00p-10:10p	Th	Pollinger B	SAC A-205	08/26-10/14
-------	--------------	----	-------------	-----------	-------------

PARALEGAL 137, TORT AND INSURANCE LAW 2 UNITS

Intentional torts, negligence, strict liability, product liability, damages, immunity, defenses to torts. Principles of insurance law, and procedures for the investigation of personal injury cases.

W 34356	8:00a-5:10p	Sa	Lamarra K	SAC A-130	10/09-10/30
---------	-------------	----	-----------	-----------	-------------

PARALEGAL 138, LAW OF BUSINESS ORGANIZATIONS 2 UNITS

Laws of the California Corporations Code. Students prepare articles of incorporation, minutes, by-laws, stock and stock transfer. Agency law, partnership laws.

34355	6:00p-10:10p	Th	Biggs C	SAC A-205	10/18-12/12
Section 34355 combines online instruction plus on-campus meetings every Thurs, 6:00pm-10:10pm, SAC A-205.					

PARALEGAL 143, CIVIL LITIGATION OVERVIEW 2 UNITS

Overview of California civil procedure from acceptance of case to trial. Planning litigation, pleadings, motions, discovery and trial preparation.

Prerequisite: Paralegal 100 or concurrent enrollment.

36026	11:00a-1:10p	M W	Pollinger B	SAC A-205	08/23-10/13
34341	6:00p-10:15p	Tu	Pollinger B	SAC A-205	08/24-10/12

PARALEGAL 144, DISCOVERY TECHNIQUES 2 UNITS

Focus on the Discovery Phase of litigation. Overview of California discovery rules, the discovery plan preparation of discovery documents and responses. Practical applications for paralegal.

34345	11:00a-1:10p	M W	Pollinger B	SAC A-205	10/18-12/08
34346	6:00p-10:15p	Tu	Pollinger B	SAC A-205	10/19-12/07

PARALEGAL 147, INTERNATIONAL COMMERCIAL AGREEMENTS AND DISTRIBUTION LAW 1 UNIT

Learn to create business contracts in the global marketplace and how to use the U.N. Convention on Contracts for the International Sale of Goods. Learn about contracts with foreign sales representatives and laws regulating international distribution. Learn about international limited liability companies and foreign direct investment laws. (Same as Business 147.)

36442	6:00p-10:00p	Th	Mallory C	SAC A-203	08/26-09/16
-------	--------------	----	-----------	-----------	-------------

PARALEGAL 148, INTERNATIONAL INTELLECTUAL PROPERTY LAW 1 UNIT

Learn international intellectual property law - patents, copyrights, trademarks, and trade secrets. Learn international treaties relating to intellectual property rights. Learn technology licensing agreements and international franchising. (Same as Business 148.)

36448	6:00p-10:00p	Th	Mallory C	SAC A-203	09/23-10/14
-------	--------------	----	-----------	-----------	-------------

PARALEGAL 149, THE LAW OF GLOBAL COMMERCE 1 UNIT

How countries join together to create trade. Includes NAFTA, GATT, the EU and other trade agreements around the world. Explore law in different legal systems as well as U.S. export regulations. (Same as Business 149.)

36449	6:00p-10:00p	Th	Mallory C	SAC A-203	10/21-11/18
-------	--------------	----	-----------	-----------	-------------

PARALEGAL 246, LEGAL RESEARCH AND ANALYSIS 4 UNITS

Principles of research, analysis, and techniques for the Paralegal. Must be familiar with Civil Procedure.

36434	7:00p-10:10p	M	Rients D	SAC A-130	Full Semester
	7:00p-10:10p	W	Rients D	SAC OCLL	

PARALEGAL 248, ADVANCED RESEARCH AND WRITING 3 UNITS

Advanced projects in legal research and writing. Emphasis on legal form and style.

36431	6:30p-9:40p	M	Shelley G	DMC-203	Full Semester
-------	-------------	---	-----------	---------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

PARALEGAL 299, COOPERATIVE WORK EXPERIENCE EDUCATION 1 - 4 UNITS

Supervised volunteer or employment experience and study related to Paralegal major including new and expanded responsibilities. One unit of credit for each 5 hours worked per week to a maximum of 4 units for 20 hours per week each semester. Limitation of 8 units in Paralegal Cooperative Education courses. Must enroll in minimum 7 units.

36020	TBA		De Boer C	SAC WEB	Full Semester
-------	-----	--	-----------	---------	---------------

Section 36020 Go to www.sac.edu/disted for more information.
Email instructor first week of class. (Deboer_Christine@sac.edu)

PHARMACY TECHNOLOGY

PHARMACY TECHNOLOGY 048, INTRODUCTION TO PHARMACY TECHNOLOGY 2 UNITS

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, drug development processes, and drug classification systems. Introduction to prescription labeling and to the law and ethics of pharmacy practice.

36268	TBA		Ross Jr J	SAC WEB	Full Semester
-------	-----	--	-----------	---------	---------------

Section 36268 combines online and in-class instruction. Class will meet on campus every other Saturday beginning Aug 28, from 8:00-10:05am, SAC H-210.
Go to www.sac.edu/disted for more information.
Email instructor first week of class. (rossjr_john@sac.edu)

36266	9:00a-11:05a	Tu	Ross Jr J	SAC H-210	Full Semester
36267	6:00p-8:05p	Tu	Phi C	SAC H-210	Full Semester

PHARMACY TECHNOLOGY 052, BODY SYSTEMS II 3.5 UNITS

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.

36272	TBA		Nguyen H	SAC WEB	Full Semester
-------	-----	--	----------	---------	---------------

Section 36272 combines online and in-class instruction. Class will meet on campus every other Monday, beginning Aug 23 from 6:00-9:45pm, SAC H-205.
Go to www.sac.edu/disted for more information.
Email instructor first week of class. (nguyen_hieu@sac.edu)

36269	9:00a-12:45p	Th	Nguyen H	SAC H-210	Full Semester
36271	9:00a-12:35p	F	Ross Jr J	SAC H-210	Full Semester
36270	6:00p-9:45p	Th	Jacobson J	SAC H-210	Full Semester

PHARMACY TECHNOLOGY 054, PHARMACY CALCULATIONS 2 UNITS

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.

36275	TBA		Ross Jr J	SAC WEB	Full Semester
-------	-----	--	-----------	---------	---------------

Section 36275 combines online and in-class instruction. Class will meet on campus every other Saturday beginning Aug 28 from 10:15am-12:20pm, SAC H-201.
Go to www.sac.edu/disted for more information.
Email instructor first week of class. (rossjr_john@sac.edu)

36273	11:15a-1:20p	Tu	Ross Jr J	SAC H-210	Full Semester
36274	8:15p-10:10p	Tu	Phi C	SAC H-210	Full Semester

PHARMACY TECHNOLOGY 056, PHARMACY OPERATIONS 4.5 UNITS

Hands-on training in customer service, inventory control, compounding, packaging, record-keeping, and drug distribution in the outpatient pharmacy setting. Includes prescription lab simulations and use of computers.

Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with grade of C or better, 30 wpm typing.

36276	6:00p-10:15p	MW	Ross Jr J	SAC H-210	Full Semester
-------	--------------	----	-----------	-----------	---------------

PHARMACY TECHNOLOGY 060, STERILE PRODUCTS 4.5 UNITS

Application of aseptic techniques and use of the laminar flow hood in the preparation of sterile products. Emphasis on parenteral calculations, sterile dosage forms, and quality assurance procedures. Includes the pharmacology of antimicrobial and antineoplastic drugs.

Prerequisite: Pharmacy Technology 048, 054, AND 051 OR 052 with a grade of C or better, 30 wpm typing.

36277	9:00a-1:15p	MW	Huynh-Dang K	SAC H-210	Full Semester
-------	-------------	----	--------------	-----------	---------------

PHARMACY TECHNOLOGY 061, PHARMACY TECHNOLOGY SKILLS LAB 0.5 UNIT

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.

36278	TBA		Staff	SAC H-210	Full Semester
-------	-----	--	-------	-----------	---------------

Section 36278, Skills Lab, will be open on Mon & Wed, 1:30-4:30 pm.
and on Sat, 9 am-12 noon in SAC, H-210

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

PHARMACY TECHNOLOGY 072, PHARMACY TECHNOLOGY EXTERNSHIP 0.5 - 4 UNITS

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, PHAR 057 for inpatient, PHAR 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.

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.

36282	TBA		Huynh-Dang K	SAC	08/23-01/02
-------	-----	--	--------------	-----	-------------

PHARMACY TECHNOLOGY 080, PHARMACY CALCULATIONS REVIEW 2 UNITS

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.

Prerequisite: Pharmacy Technology 054.

36279	11:15a-1:20p	Tu	Ross Jr J	SAC H-210	Full Semester
36280	8:15p-10:20p	Tu	Phi C	SAC H-210	Full Semester

PHARMACY TECHNOLOGY 084, STERILE PRODUCTS UPDATE 4.5 UNITS

Update of aseptic techniques and use of the laminar flow hood in the preparation of sterile products. Emphasis on parenteral calculations, sterile dosage forms, and quality assurance procedures. Includes the pharmacology of antimicrobial and antineoplastic drugs.

Prerequisite: Pharmacy Technology 060 with grade of C or better.

36281	9:00a-1:15p	MW	Huynh-Dang K	SAC H-210	Full Semester
-------	-------------	----	--------------	-----------	---------------

PHILOSOPHY

PHILOSOPHY 106, INTRODUCTION TO PHILOSOPHY 3 UNITS

A survey of historical and contemporary ideas on how to live the good life.

33543	8:00a-9:25a	MW	Shigematsu T	SAC D-105	Full Semester
33546	8:00a-9:25a	TuTh	Shigematsu T	SAC D-105	Full Semester
33540	9:45a-11:10a	MW	Fish Z	SAC D-102	Full Semester
33545	7:00p-10:10p	Th	Krogfoss W	SAC D-105	Full Semester
33544	7:00p-10:10p	Tu	Redoutey M	SAC D-105	Full Semester

PHILOSOPHY 106H, HONORS INTRODUCTION TO PHILOSOPHY 3 UNITS

An enriched approach designed for honors students. A survey of historical and contemporary ideas on how to live the good life.

33547	9:45a-11:10a	TuTh	Shigematsu T	SAC D-105	Full Semester
-------	--------------	------	--------------	-----------	---------------

PHILOSOPHY 110, CRITICAL THINKING 4 UNITS

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.

Prerequisite: English 101 or 101H with a grade of C or better

33549	8:00a-10:05a	TuTh	Fish Z	SAC A-224	Full Semester
33548	9:45a-11:50a	MW	Shigematsu T	SAC D-105	Full Semester
33329	11:30a-1:35p	TuTh	Fish Z	SAC D-109	Full Semester
33331	TBA		Fish Z	SAC WEB	Full Semester

Section 33331 combines online instruction plus mandatory on campus meetings on Mondays, 8/23, 9/20, 10/11, 11/1, 11/22 at 5:00-6:50pm in room D-105.

Go to www.sac.edu/disted for more information.
Email instructor first week of class (fish_zachary@sac.edu).

PHILOSOPHY 111, INTRODUCTORY LOGIC 4 UNITS

Beginning course in formal and applied logic. Covers cognitive language, formal argument, proof, basic propositional and predicate logic, and philosophy of logic. Emphasizes active student involvement and practical application to college life.

33336	12:00p-2:05p	MW	Fish Z	SAC A-206	Full Semester
-------	--------------	----	--------	-----------	---------------

PHILOSOPHY 112, WORLD RELIGIONS 3 UNITS

A philosophical overview of the world's great religions. Includes historical origin and growth of each religion, major doctrines, and influence. Religions dealt with include Primitive, Hinduism, Jainism, Buddhism, Taoism, Confucianism, Judaism, Christianity and Islam.

33341	11:30a-12:55p	TuTh	Shigematsu T	SAC D-105	Full Semester
33346	7:00p-10:10p	W	Fish Z	SAC D-105	Full Semester

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

PHOTOGRAPHY

PHOTOGRAPHY 009, PHOTOGRAPHY LAB

0.5 - 1.5 UNITS

Sign-in/out supervised laboratory for working on assignments from other photography courses or on independent projects. Completion of new and more advanced assignments each semester. 24 hours = 0.5 unit; 48 hours = 1 unit; 72 hours = 1.5 units.

Open Entry / Open Exit

Material Fee(s): \$15

35419	4:00p-4:50p	W	Lanoue M	SAC R-303	Full Semester
35415	4:00p-4:50p	Tu Th	Miller R	SAC R-303	Full Semester

PHOTOGRAPHY 180, BEGINNING PHOTOGRAPHY

3 UNITS

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.

Material Fee(s): \$15

35498	9:30a-10:25a	Tu Th	Miller R	SAC R-303	Full Semester
	10:30a-12:00p	Tu Th	Miller R	SAC R-303	
35422	1:00p-1:55p	Tu Th	Miller R	SAC R-303	Full Semester
	2:00p-3:30p	Tu Th	Miller R	SAC R-303	
35501	5:00p-6:55p	W	Lanoue M	SAC R-303	Full Semester
	7:00p-10:05p	W	Lanoue M	SAC R-303	

PHOTOGRAPHY 181A, THE ZONE SYSTEM

3 UNITS

Emphasis on zone system techniques and interpretive assignments in black and white photography. An adjustable film camera is required.

Prerequisite: Photography 180.

Material Fee(s): \$15

38123	5:00p-7:00p	Th	Rager G	SAC R-303	Full Semester
	7:05p-10:05p	Th	Rager G	SAC R-303	

PHOTOGRAPHY 190, INTRODUCTION TO DIGITAL PHOTOGRAPHY

3 UNITS

Introduction to digital photography. Exploration of digital photography capabilities and uses of the "digital darkroom". Students will learn scanning, digital printing technologies and produce both color and black and white digital images. Adjustable digital camera is required. May be repeated.

Prerequisite: Photography 180.

Material Fee(s): \$15

W 35505	5:00p-6:55p	F	Sharum M	DMC-104	Full Semester
	7:00p-10:05p	F	Sharum M	DMC-104	

PHOTOGRAPHY 191, INTERMEDIATE DIGITAL PHOTOGRAPHY

3 UNITS

An intermediate course in the techniques and skills of electronic and digital/computer technologies in photography. Includes advanced scanning, printing, and digital camera techniques. Exploration and experimentation of digital imaging. An adjustable digital camera is required. May be repeated.

Prerequisite: Photography 190.

Material Fee(s): \$15

W 35507	5:00p-6:55p	F	Sharum M	DMC-104	Full Semester
	7:00p-10:05p	F	Sharum M	DMC-104	

PHOTOGRAPHY 194, PROFESSIONAL DIGITAL PHOTOGRAPHY METHODS

3 UNITS

Focus on practices utilized in the digital photography profession, including advanced retouching techniques, and processing both for print and the internet. Students will explore business aspects of photography and build a portfolio. Digital DLR camera required. May be repeated.

Prerequisite: Photography 180 and 190 or Photography 191.

Material Fee(s): \$15

W 35508	9:00a-11:00a	Sa	Sharum M	SAC A-219	Full Semester
	11:15a-2:20p	Sa	Sharum M	SAC A-219	

PHOTOGRAPHY 196, INTRODUCTION TO COMMERCIAL PHOTOGRAPHY

3 UNITS

Instruction in commercial photography lighting, techniques, and subjects. Hands-on activities, lectures, and demonstrations of portrait/wedding, architecture, table top/product illustration, stock photography, and photojournalism techniques.

Prerequisite: Photography 180.

Material Fee(s): \$15

38066	5:00p-7:00p	Tu	Lanoue M	SAC R-303	Full Semester
	7:05p-10:05p	Tu	Lanoue M	SAC R-303	

PHOTOGRAPHY 197, INTERMEDIATE COMMERCIAL PHOTOGRAPHY

3 UNITS

Intermediate techniques in commercial photography using available and studio lighting. Further studies in the commercial subject areas of portrait/wedding, architecture, table top/product illustration, stock photography and photojournalism.

Prerequisite: Photography 196.

Material Fee(s): \$15

38067	5:00p-7:00p	Tu	Lanoue M	SAC R-303	Full Semester
	7:05p-10:05p	Tu	Lanoue M	SAC R-303	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

PHYSICAL SCIENCE

PHYSICAL SCIENCE 115, CONCEPTS IN PHYSICAL SCIENCES FOR EDUCATORS

4 UNITS

An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. Designed for non-science majors, concepts are introduced in lab through inquiry and further developed during discussion. Completion of Math N48 is recommended.

35621	9:30a-12:40p	M	Jenkins C	SAC R-309	Full Semester
	9:30a-12:40p	W	Jenkins C	SAC R-309	

PHYSICAL SCIENCE 117, PHYSICAL SCIENCE SURVEY

3 UNITS

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.

35624	11:00a-12:25p	M W	Raoufi A	SAC R-318	Full Semester
-------	---------------	-----	----------	-----------	---------------

PHYSICAL SCIENCE 118, PHYSICAL SCIENCE SURVEY LABORATORY

1 UNIT

Laboratory course to accompany Physical Science 117. Laboratory topics include: motion, forces, energy, thermodynamics, electricity, circuits, optics, and chemical reactions.

35638	1:45p-4:55p	M	Raoufi A	SAC R-328	Full Semester
-------	-------------	---	----------	-----------	---------------

PHYSICS

PHYSICS 109, SURVEY OF GENERAL PHYSICS

4 UNITS

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.

35552	11:00a-12:25p	M W	Raoufi A	SAC R-318	Full Semester
	1:45p-4:55p	M	Raoufi A	SAC R-328	

PHYSICS 210, PRINCIPLES OF PHYSICS I

4 UNITS

A calculus-based physics course designed for students majoring in the life sciences, pre-medicine, and related disciplines. Topics include classical mechanics, wave motion, and thermodynamics.

Prerequisite: Mathematics 180/180H with a grade of C or better.

35601	7:00p-10:10p	Tu	Budarz T	SAC R-126	Full Semester
	4:15p-7:25p	Th	Budarz T	SAC R-328	
35605	7:00p-10:10p	Tu	Budarz T	SAC R-126	Full Semester
	7:30p-10:40p	Th	De Santos G	SAC R-328	

PHYSICS 217, ENGINEERING PHYSICS I

4 UNITS

Principles of classical mechanics including particle dynamics, forces, work, energy, momentum, rotational motion, equilibrium, harmonic motion and gravity. This course is designed for students majoring in physical sciences and engineering.

Prerequisite: Mathematics 180 or 180H with a grade of C or better.

35583	11:30a-12:55p	Tu Th	Budarz T	SAC R-128	Full Semester
	8:00a-10:05a	M	Budarz T	SAC R-328	
	10:15a-11:10a	M	Budarz T	SAC R-328	

PHYSICS 227, ENGINEERING PHYSICS II

4 UNITS

Introduces the basic principles of electricity and magnetism. The main topics are electrostatics, circuits, magnetism, electro-magnetic induction, and Maxwell's equations. This course is designed for students majoring in physical sciences and engineering.

Prerequisite: Physics 217 and Mathematics 185 both with grade of C or better.

35584	9:30a-10:55a	Tu Th	Budarz T	SAC I-204	Full Semester
	8:00a-10:05a	W	Budarz T	SAC R-328	
	10:15a-11:10a	W	Budarz T	SAC R-328	

PHYSICS 279, COLLEGE PHYSICS I

4 UNITS

A trigonometry-based physics course. Topics include: mechanics, thermodynamics, fluids, oscillatory motion, and sound.

Prerequisite: Mathematics 160 with a grade of C or better.

35613	7:00p-10:10p	Tu	Budarz T	SAC R-126	Full Semester
	4:15p-7:25p	Th	Budarz T	SAC R-328	
35618	7:00p-10:10p	Tu	Budarz T	SAC R-126	Full Semester
	7:30p-10:40p	Th	De Santos G	SAC R-328	

Online Counseling Now Available!
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

POLITICAL SCIENCE

POLITICAL SCIENCE 101, INTRODUCTION TO AMERICAN GOVERNMENTS 3 UNITS
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.

33389	TBA		Petri M	SAC WEB	Full Semester
Section 33389 combines online instruction plus mandatory on campus meetings on Saturdays 8/28, 10/16, 12/4 from 10:00-11:30am in SAC A-109. Go to www.sac.edu/disted for more information. Email instructor first week of class (petri_michael@sac.edu).					
33383	8:00a-9:25a	Tu Th	Valenzuela E	SAC D-303	Full Semester
33356	8:00a-9:25a	Tu Th	Murphy T	SAC D-101	Full Semester
33355	8:00a-9:25a	M W	Andrade P	SAC D-101	Full Semester
33390	8:00a-9:25a	Tu Th	Andrade P	SAC I-101	Full Semester
33372	8:00a-9:25a	M W	Murphy T	SAC D-106	Full Semester
33363	9:00a-12:10p	Sa	Chervenak T	SAC A-210	Full Semester
33370	9:00a-12:10p	F	Valenzuela E	SAC A-210	Full Semester
35945	9:45a-11:10a	Tu Th	Andrade P	SAC I-207	Full Semester
33359	9:45a-11:10a	M W	Murphy T	SAC D-106	Full Semester
33365	9:45a-11:10a	Tu Th	Becker C	SAC D-101	Full Semester
33366	11:30a-12:55p	M W	Murphy T	SAC D-106	Full Semester
33386	11:30a-12:55p	Tu Th	Murphy T	SAC D-106	Full Semester
33369	1:15p-2:40p	Tu Th	Andrade P	SAC D-101	Full Semester
33382	2:30p-3:55p	M W	Murphy T	SAC D-101	Full Semester
33387	5:30p-6:55p	Tu Th	Petri M	SAC D-106	Full Semester
33385	7:00p-10:10p	Th	Becker C	SAC D-101	Full Semester
33381	7:00p-10:10p	W	Becker C	SAC D-303	Full Semester
33384	7:00p-10:10p	M	Andrade P	SAC D-102	Full Semester
33388	7:00p-10:10p	Tu	Petri M	SAC D-101	Full Semester

POLITICAL SCIENCE 101H, HONORS INTRODUCTION TO AMERICAN GOVERNMENTS 3 UNITS

A student-oriented exploration of the historical and contemporary principles of American government. Study groups and individual computer-based research focus on basic political concepts of American national and state governments. Satisfies graduation requirement for American Institutions and state requirements for California state government.

35946	9:45a-11:10a	M W	Andrade P	SAC D-434	Full Semester
-------	--------------	-----	-----------	-----------	---------------

POLITICAL SCIENCE 220, INTERNATIONAL POLITICS 3 UNITS

Introduction to basic principles and issues of international politics. Focus is on concepts of security, power, diplomacy, war, terrorism and globalization. Examines problems of rich versus poor nations in context of the new world order.

33934	9:45a-11:10a	Tu Th	Murphy T	SAC D-103	Full Semester
-------	--------------	-------	----------	-----------	---------------

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.

33420	TBA		Barbari N	SAC TV	Full Semester
33412	8:00a-9:25a	M W	Larson M	SAC D-434	Full Semester
33413	8:00a-9:25a	Tu Th	Pedroza J	SAC D-434	Full Semester
33399	8:00a-9:25a	M W	Castillo R	SAC A-130	Full Semester
33410	9:00a-12:10p	F	Pedroza J	SAC D-434	Full Semester
33405	9:00a-12:10p	Sa	Staff	SAC I-108	Full Semester
33397	9:45a-11:10a	Tu Th	Ortiz F	SAC D-106	Full Semester

Section 33397 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 34629 and English 101, Freshman Composition, Section 33529. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

33414	9:45a-11:10a	M W	Pedroza J	SAC D-214	Full Semester
33400	9:45a-11:10a	M W	Larson M	SAC D-101	Full Semester
33398	9:45a-11:10a	Tu Th	Ortiz F	SAC D-106	Full Semester
33406	11:30a-12:55p	Tu Th	Staff	SAC D-103	Full Semester
33403	11:30a-12:55p	M W	Pedroza J	SAC D-101	Full Semester
Section 33403 is designed to focus on Asian-American issues. Open to all students.					
33418	11:30a-12:55p	M W	Barbari N	SAC D-204	Full Semester
33404	11:30a-12:55p	Tu Th	Pedroza J	SAC D-101	Full Semester
33407	1:00p-2:25p	Tu Th	Beck K	SAC I-202	Full Semester
33415	1:15p-2:40p	M W	Barbari N	SAC D-106	Full Semester
36566	2:00p-5:10p	M W	Keo-Trang Z	SAC D-434	10/18-12/08
33416	7:00p-10:10p	W	Castillo R	SAC D-305	Full Semester
33409	7:00p-10:10p	M	Breeden E	SAC D-434	Full Semester
33401	7:00p-10:10p	Tu	Beck K	SAC D-106	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

PSYCHOLOGY 140, INTRODUCTION TO PSYCHOLOGY OF ADULTHOOD AND AGING 3 UNITS

Examines psychological and related biological and social changes that occur in adulthood and old age and how these changes vary with ethnicity, gender and social class. Topics include longevity, health, successful aging, intimate and family relationships and mental disorders of adulthood. Designed to help students understand their own and others' aging and to familiarize them with issues in the field of gerontology.

33421	6:00p-9:10p	W	Larson M	SAC D-304	Full Semester
-------	-------------	---	----------	-----------	---------------

PSYCHOLOGY 157, INTRODUCTION TO CHILD PSYCHOLOGY 3 UNITS

Survey of human development from conception through adolescence. Covers major theories of development (cognition, perception, language, personality, etc.) and their application to parenting, teaching, and other interactions with children. (No credit if student has taken Human Development 107.)

33422	7:00p-10:10p	Th	Castillo R	SAC D-434	Full Semester
-------	--------------	----	------------	-----------	---------------

PSYCHOLOGY 170, MULTICULTURAL PSYCHOLOGY 3 UNITS

Introduces students to important issues related to cultural diversity in the field of psychology. Major areas of psychology will be explored from a multicultural perspective, including research, mental health, social psychology, and identity development. Exploration of historically underrepresented populations in the U.S. will be emphasized.

33423	11:30a-12:55p	M W	Ortiz F	SAC D-434	Full Semester
-------	---------------	-----	---------	-----------	---------------

PSYCHOLOGY 219, INTRODUCTION TO RESEARCH METHODS IN PSYCHOLOGY 3 UNITS

Emphasizes methods of study in psychology, experimental design, analysis of variables contributing to experimental results, and data treatment.

Prerequisite: Social Science 219 or Mathematics 219 (may be taken concurrently) and Psychology 100.

33426	12:00p-12:50p	Tu Th	Ortiz F	SAC D-434	Full Semester
-------	---------------	-------	---------	-----------	---------------

33424	1:15p-4:25p	Th	Ortiz F	SAC D-434	Full Semester
-------	-------------	----	---------	-----------	---------------

33424	12:00p-12:50p	Tu Th	Ortiz F	SAC D-434	Full Semester
-------	---------------	-------	---------	-----------	---------------

33424	1:15p-4:25p	Tu	Ortiz F	SAC D-434	Full Semester
-------	-------------	----	---------	-----------	---------------

PSYCHOLOGY 250, INTRODUCTION TO ABNORMAL PSYCHOLOGY 3 UNITS

Introduction to the commonly diagnosed psychological disorders. Includes psychophysiological disorders, anxiety, depression, substance abuse, sexual dysfunctions, schizophrenia, developmental, cognitive, and personality disorders. Emphasis is on identification, symptomatology, etiology, and methods of therapeutic intervention.

Prerequisite: Psychology 100, 100H.

33428	9:45a-11:10a	Tu Th	Pedroza J	SAC D-434	Full Semester
-------	--------------	-------	-----------	-----------	---------------

33427	7:00p-10:10p	Th	Beck K	SAC D-106	Full Semester
-------	--------------	----	--------	-----------	---------------

READING

READING N49A, READING FOR NON-NATIVE SPEAKERS OF ENGLISH - PART I 3 UNITS

A beginning academic reading course for students who have had some exposure to English. Development of vocabulary, word attack skills, spelling, reading strategies, and reading comprehension. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections). Not applicable to associate degree. This class is recommended for students enrolled in ESL N40B and ESL N49.

16 lab hours required, one hour per week for 16-week semester.

33432	1:15p-2:40p	Tu Th	Kossler W	SAC D-307-1	Full Semester
-------	-------------	-------	-----------	-------------	---------------

33433	5:30p-6:55p	M W	Kossler W	SAC D-309	Full Semester
-------	-------------	-----	-----------	-----------	---------------

READING N49B, READING FOR NON-NATIVE SPEAKERS OF ENGLISH - PART I 3 UNITS

Continued development of vocabulary, word attack skills, spelling, reading strategies, and reading comprehension for non-native speakers of English. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections). Not applicable to associate degree. This class is recommended for students who need more practice at this level.

16 lab hours required, one hour per week for 16-week semester.

33434	1:15p-2:40p	Tu Th	Kossler W	SAC D-307-1	Full Semester
-------	-------------	-------	-----------	-------------	---------------

33435	5:30p-6:55p	M W	Kossler W	SAC D-309	Full Semester
-------	-------------	-----	-----------	-----------	---------------

READING N50A, READING FOR NON-NATIVE SPEAKERS OF ENGLISH - PART II 3 UNITS

An expanded focus on reading for non-native speakers of English. Continued development of vocabulary, word attack skills, spelling, reading strategies, and reading comprehension. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections). Not applicable to associate degree. Grade: CR/NCR only. This class is recommended for students who have taken Reading N49A or Reading N49B.

16 lab hours required, one hour per week for 16-week semester.

33436	1:15p-2:45p	M W	Kossler W	SAC D-307-1	Full Semester
-------	-------------	-----	-----------	-------------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------



On the Road to Success!!
Build your skills in Basic Math, Reading, English and ESL – on your own time!!

The Success Center
Library Building, Room L-206

We want to help you build your basic skills! Set your own arranged hours developing the skills you need for your college classes. Sign up for IDS N04, Essential Basic Skills, 0 units, open entry/open exit.

This is YOUR center, dedicated to helping you! Come by L-206 and check it out!

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

READING N90B, INDIVIDUALIZED READING

3 UNITS

Further develops reading skills. Individualized instruction in vocabulary, comprehension, critical evaluation and reading rate. Grade: CR/NC only. 16 additional hours in the Reading Lab required (one hour per week for 16-week semester sections).

Prerequisite: Reading N90A.

16 lab hours required, one hour per week for 16-week semester.

33481	8:00a-9:25a	Tu Th	Gilreath G	SAC D-309	Full Semester
33477	9:45a-11:10a	M W	Gilreath G	SAC D-309	Full Semester
33478	9:45a-11:10a	Tu Th	Gilreath G	SAC D-309	Full Semester
33486	11:30a-12:55p	M W	Gilreath G	SAC D-309	Full Semester
33484	1:15p-2:40p	Tu Th	O Lea J	SAC D-309	Full Semester
33482	7:00p-10:10p	W	Mundala K	SAC D-309	Full Semester

READING 102, ACADEMIC READING

3 UNITS

Introduces a repertoire of reading strategies aimed at preparing students for comprehension of complex college-level reading material. Advanced reading strategies provide the foundation for the development of critical reading and the recognition of patterns of academic thought. Reading strategies for specific disciplines, including the Social Sciences, Business, Humanities and the Arts, Mathematics and the Natural Sciences are presented. Completion of or concurrent enrollment in English 061 recommended.

35622	8:00a-9:25a	M W	Colunga M	SAC D-307-1	Full Semester
33429	1:00p-2:25p	M W	Colunga M	SAC D-211	Full Semester

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.

33982	8:00a-9:25a	M W	Gilreath G	SAC I-208	Full Semester
-------	-------------	-----	------------	-----------	---------------

SCIENCE

SCIENCE 200, ENVIRONMENT OF MAN

3 UNITS

A biological and physical science introduction to environmental problems such as energy, resources, pollution, land use, population and food, including economic and political factors. A natural science elective. (Same as Biology 200 and Environmental Studies 200.)

34991	7:00p-10:10p	Tu	Chlup I	SAC R-228	Full Semester
-------	--------------	----	---------	-----------	---------------

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.

36100	9:30a-10:55a	M W	Yingst S	SAC I-201	Full Semester
36101	9:30a-10:55a	Tu Th	Yingst S	SAC I-201	Full Semester
36092	2:00p-3:25p	Tu Th	Larson S	SAC I-201	Full Semester
36086	6:30p-9:40p	W	Ascheman J	SAC I-201	Full Semester
36104	7:00p-10:10p	Th	Yu L	SAC I-102	Full Semester

SIGN LANGUAGE 111, AMERICAN SIGN LANGUAGE II

3 UNITS

The second course in the study of American Sign Language (ASL) focuses on vocabulary development, comprehension skills, grammatical structures and practice in the receptive and expressive aspects of ASL, as well as continued exposure to American Deaf culture. It is designed for the student or professional interested in working and interacting with the Deaf community.

Prerequisite: Sign Language 110.

36103	11:00a-12:25p	Tu Th	Yingst S	SAC I-201	Full Semester
-------	---------------	-------	----------	-----------	---------------

SIGN LANGUAGE 112, AMERICAN SIGN LANGUAGE III

3 UNITS

The third course in the study of American Sign Language (ASL) emphasizes ASL syntax, facial grammar, vocabulary, and fingerspelling enabling students to participate in more complex conversations with Deaf community members. This course enhances students' receptive and expressive skills in ASL. It is designed for the student or professional interested in working and/or interacting with the Deaf community.

Prerequisite: Sign Language 111.

36097	5:00p-6:25p	Tu Th	Yingst J	SAC I-201	Full Semester
-------	-------------	-------	----------	-----------	---------------

SIGN LANGUAGE 113, INTRODUCTION TO INTERPRETING FOR THE DEAF

3 UNITS

Introduction to and survey of basic theories, principles and practices of American Sign Language Interpreting and Transliterating for the Deaf. Explores the full spectrum of the roles and ethical responsibilities of professional sign language interpreters in a variety of settings. Provides for practice of expressive and receptive skills. Includes instruction on national testing standards and preparation for certification.

Prerequisite: Sign Language 112.

36089	3:15p-4:40p	Tu Th	Collins M	SAC I-104	Full Semester
-------	-------------	-------	-----------	-----------	---------------

READING N50B, READING FOR NON-NATIVE SPEAKERS OF ENGLISH - PART II

3 UNITS

Continued expansion of reading skills for non-native speakers of English, with a focus on vocabulary development, word attack skills, spelling, reading strategies, and reading comprehension. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections). Not applicable to associate degree. Grade: CR/NCR only. This class is recommended for students who need more practice at this level.

16 lab hours required, one hour per week for 16-week semester.

33437	1:15p-2:40p	M W	Kossler W	SAC D-307-1	Full Semester
-------	-------------	-----	-----------	-------------	---------------

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.

33451	8:00a-9:25a	Tu Th	Madison M	SAC D-212	Full Semester
33441	8:00a-9:25a	Tu Th	Colunga M	SAC D-307-1	Full Semester
33439	9:45a-11:10a	Tu Th	Kossler W	SAC D-205	Full Semester
33440	9:45a-11:10a	M W	Colunga M	SAC D-307-1	Full Semester
33443	11:15a-12:40p	Tu Th	Gilreath G	SAC L-202	Full Semester
33446	11:30a-12:55p	M W	Colunga M	SAC D-307-1	Full Semester
33444	11:30a-12:55p	Tu Th	Kossler W	SAC D-309	Full Semester
33447	1:00p-2:25p	Tu Th	Colunga M	SAC I-208	Full Semester
33445	1:00p-2:25p	M W	Simmons K	SAC D-309	Full Semester
33442	5:30p-6:55p	Tu Th	Madison M	SAC D-309	Full Semester
33449	7:00p-10:10p	Th	Madison M	SAC D-309	Full Semester

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.

33456	8:00a-9:25a	Tu Th	Colunga M	SAC D-307-1	Full Semester
33467	8:00a-9:25a	Tu Th	Madison M	SAC D-212	Full Semester
33455	9:45a-11:10a	M W	Colunga M	SAC D-307-1	Full Semester
33454	9:45a-11:10a	Tu Th	Kossler W	SAC D-205	Full Semester
33459	11:15a-12:40p	Tu Th	Gilreath G	SAC L-202	Full Semester
33463	11:30a-12:55p	M W	Colunga M	SAC D-307-1	Full Semester
33460	11:30a-12:55p	Tu Th	Kossler W	SAC D-309	Full Semester
33464	1:00p-2:25p	Tu Th	Colunga M	SAC I-208	Full Semester
33462	1:00p-2:25p	M W	Simmons K	SAC D-309	Full Semester
33458	5:30p-6:55p	Tu Th	Madison M	SAC D-309	Full Semester
33465	7:00p-10:10p	Th	Madison M	SAC D-309	Full Semester

READING N90A, INDIVIDUALIZED READING

3 UNITS

Individualized instruction in vocabulary, comprehension, critical evaluation and reading rate. Grade: CR/NC only. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections).

16 lab hours required, one hour per week for 16-week semester.

33472	8:00a-9:25a	Tu Th	Gilreath G	SAC D-309	Full Semester
33470	9:45a-11:10a	Tu Th	Gilreath G	SAC D-309	Full Semester
33468	9:45a-11:10a	M W	Gilreath G	SAC D-309	Full Semester
33476	11:30a-12:55p	M W	Gilreath G	SAC D-309	Full Semester
33475	1:15p-2:40p	Tu Th	O Lea J	SAC D-309	Full Semester
33474	7:00p-10:10p	W	Mundala K	SAC D-309	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
SIGN LANGUAGE 114, CLASSIFIERS, FINGERSPELLING, AND NUMBERING 3 UNITS					
<i>This course is designed to provide specialized instruction in the continued development of skills and application of expanded conceptualization of American Sign Language (ASL) classifiers, fingerspelling, and numbering concepts. Expressive and receptive techniques will be emphasized.</i>					
Prerequisite: Sign Language 112.					
36098	6:45p-8:10p	Tu Th	Yingst J	SAC I-201	Full Semester

SOCIAL SCIENCE

SOCIAL SCIENCE 219, STATISTICS AND PROBABILITY 4 UNITS					
<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 Mathematics 219.)</i>					
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.					

34543	7:30a-10:00a	MW	Ortiz F	SAC H-108	Full Semester
34549	8:00a-1:20p	Sa	Staff	SAC A-213	Full Semester
34547	9:15a-11:45a	Th	Mc Clure C	SAC H-108	Full Semester
Section 34547 will be required to use the MyMathLab or other software.					
34545	1:00p-3:30p	MW	Bowers C	SAC H-108	Full Semester
34546	2:15p-4:45p	Tu Th	Anthony M	SAC H-108	Full Semester
Section 34546 will be required to use the MyMathLab or other software.					
34548	5:00p-7:30p	MW	Bowers C	SAC R-114	Full Semester
34544	7:15p-9:45p	Tu Th	Staff	SAC H-108	Full Semester

SOCIAL SCIENCE 219H, HONORS STATISTICS AND PROBABILITY 4 UNITS					
<i>Enhanced format for the beginning course in statistics and probability, using a seminar approach, computers, individual research, and presentations. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics, with applications designed around the individual interests of students. (Same as Mathematics 219H.)</i>					
Prerequisite: Mathematics 080/081 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 080/081) AND a high school or college GPA or 3.0 or above.					

34550	12:45p-3:15p	Tu Th	Mc Clure C	SAC A-213	Full Semester
Section 34550 will be required to use the MyMathLab or other software.					

SOCIOLOGY

SOCIOLOGY 100, INTRODUCTION TO SOCIOLOGY 3 UNITS					
<i>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.</i>					

33505	TBA		Rogers N	SAC TV	Full Semester
Section 33505 Telecourse instruction plus optional on-campus orientation meeting. Sat 8/28, 9-10am, SAC A-128 OR Wed 9/1, 5-6pm, SAC D-106. Go to www.sac.edu/disted for more information.					
33496	TBA		Dobos D	SAC WEB	Full Semester
Section 33496 combines on-line instruction and mandatory on campus meetings on Wed 8/25, 9/22, 10/27 and 12/8 from 5:00-6:00pm in D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class (dobos_david@sac.edu).					
33492	8:00a-9:25a	MW	Dobos D	SAC D-304	Full Semester
33495	9:45a-11:10a	MW	Dobos D	SAC D-304	Full Semester
33503	11:30a-12:55p	Tu Th	Valentino S	SAC D-304	Full Semester
33498	11:30a-12:55p	Tu Th	Dobos D	SAC I-208	Full Semester
33497	1:15p-2:40p	MW	Staff	SAC D-103	Full Semester
33501	7:00p-10:10p	Th	Seifert R	SAC B-19	Full Semester
33499	7:00p-10:10p	W	Seifert R	SAC I-107	Full Semester

SOCIOLOGY 112, RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS 3 UNITS					
<i>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.</i>					

33508	TBA		Rogers N	SAC TV	Full Semester
Section 33508 Telecourse instruction plus optional on-campus orientation meeting. Sat 8/28, 10-11am, SAC A-128 OR Wed 9/1, 6-7 pm, SAC D-106. Go to www.sac.edu/disted for more information.					
33506	TBA		Dobos D	SAC WEB	Full Semester
Section 33506 Telecourse instruction plus optional on-campus orientation meeting. Go to www.sac.edu/disted for more information.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
SOCIOLOGY 140, ANALYSIS OF SOCIAL TRENDS AND PROBLEMS 3 UNITS					
<i>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.</i>					
33517	9:45a-11:10a	Tu Th	Dobos D	SAC I-202	Full Semester

SPANISH

SPANISH 101, ELEMENTARY SPANISH I 5 UNITS					
<i>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).</i>					

16 lab hours required, one hour per week for 16-week semester.

33555	TBA		Guerrero-Phlaum M	SAC WEB	Full Semester
Section 33555 combines online and 5 mandatory on-campus meetings on Mon, 8/23, 9/13, 10/4, 11/1 and 11/29, 4:30-6:50pm, SAC D-304. Class will use "Puntos de Partida." Go to www.sac.edu/disted for more information. Email instructor first week of class (guerrero_martha@sac.edu)					
33563	TBA		Galvan J	SAC WEB	Full Semester
Section 33563 combines online and 5 mandatory on-campus meetings on Tue, 8/24, 9/14, 10/12, 11/9 and 11/30, 4:30-6:40pm, SAC D-303. Class will use "Puntos de Partida." Go to www.sac.edu/disted for more information.					
33562	8:00a-10:30a	MW	Guerrero-Phlaum M	SAC D-303	Full Semester
33640	8:00a-10:30a	MW	Lopez-Jaurequi L	SAC I-102	Full Semester
Section 33640 is designed for Spanish speakers. Open to all students.					
33550	10:45a-1:15p	Tu Th	Guerrero-Phlaum M	SAC D-305	Full Semester
33554	10:45a-1:15p	Tu Th	Lopez-Jaurequi L	SAC D-303	Full Semester
Section 33554 is designed for Spanish speakers. Open to all students.					
33552	10:45a-1:15p	MW	Galvan J	SAC D-303	Full Semester
33553	7:00p-9:30p	Tu Th	Molina Cesario L	SAC I-109	Full Semester
Section 33553 is designed for Spanish speakers. Open to all students.					

SPANISH 102, ELEMENTARY SPANISH II 5 UNITS					
<i>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).</i>					
Prerequisite: Spanish 101/101H, or two years of high school Spanish with a grade of C or better.					

16 lab hours required, one hour per week for 16-week semester.

33641	8:00a-10:30a	Tu Th	Lopez-Jaurequi L	SAC D-305	Full Semester
Section 33641 is designed for Spanish speakers. Open to all students.					
33639	11:30a-2:00p	Tu Th	Ibanez Wing M	SAC I-106	Full Semester
33572	4:15p-6:45p	MW	Labrit G	SAC D-303	Full Semester

SPANISH 195A, ADVANCED CONVERSATIONAL SPANISH 3 UNITS					
<i>Further development of conversational skills. Review of language structures as well as reinforcement of new vocabulary and idioms through discussions of reading selections dealing with historical and current events to deepen appreciation of Hispanic cultures.</i>					
Prerequisite: Spanish 102 or 102H.					
33650	11:00a-2:10p	W	Guerrero-Phlaum M	SAC I-102	Full Semester

SPANISH 195B, ADVANCED CONVERSATIONAL SPANISH 3 UNITS					
<i>Continuation of development of conversational skills. Provides avenues for the expression of ideas introduced in literary and current event readings through discussions and class presentations to deepen appreciation of Hispanic cultures.</i>					
Prerequisite: Spanish 195A.					
33652	11:00a-2:10p	W	Guerrero-Phlaum M	SAC I-102	Full Semester

SPANISH 201, INTERMEDIATE SPANISH I 5 UNITS					
<i>A college level Spanish class focusing on expansive review of usage and grammar, discussions of interpretive readings, conversation, and composition.</i>					
Prerequisite: Spanish 102 or 102H or three years of high school Spanish with a grade of C or better.					
33643	11:30a-2:00p	MW	Lopez-Jaurequi L	SAC D-305	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

SPECIAL SERVICES

SPECIAL SERVICES N91, FUNDAMENTALS OF COGNITIVE LEARNING 0.5 - 1.5 UNITS
Fundamentals of Cognitive Retraining is designed for individuals who have sustained an acquired brain impairment and who are experiencing cognitive difficulties. Instruction focuses on improving attention and concentration, perceptual processing skills and memory. Arranged schedule.

Open Entry / Open Exit
 37779 TBA Miller R SAC M-105 Full Semester

SPECIAL SERVICES N92, ASSISTIVE COMPUTER TECHNOLOGY INSTRUCTION 0.5 - 2 UNITS
This course is intended for students with disabilities. Emphasis is on mastering appropriate assistive computer technologies and to provide instruction in Windows, Microsoft Office and Internet/E-Mail access. Not applicable to associate degree.

Open Entry / Open Exit
 37775 TBA Dutton Jr D SAC U-103 Full Semester

SPEECH COMMUNICATION

SPEECH COMMUNICATION N49, INTRODUCTION TO ACADEMIC SPEAKING SKILLS 3 UNITS
Beginning course for non-native students with previous instruction in basic English as a second language. Includes listening discrimination, pronunciation, speaking and listening skill building. Skills are intensively practiced and reviewed. Not applicable to associate degree.

35341	8:00a-9:25a	M W	Huebsch M	SAC I-103	Full Semester
			1 hour arranged each week		
35342	6:00p-9:00p	Th	Huebsch M	SAC I-103	Full Semester
			1 hour arranged each week		

SPEECH COMMUNICATION N50, PRONUNCIATION SKILLS LABORATORY 1 UNIT
Sign-in/out listening and speaking practice in a lab setting. Utilizes pronunciation and vocabulary/conversational material. 24 hours earn 0.5 unit; 48 hours, 1 unit. Not applicable to associate degree.

Open Entry / Open Exit
 35343 TBA Morris M SAC D-301 Full Semester

SPEECH COMMUNICATION N52A, BEGINNING AMERICAN ENGLISH PRONUNCIATION SKILLS 3 UNITS
Instruction in pronunciation of American English sounds, identifying commonly mispronounced sounds, and common sound spelling patterns. Not applicable to associate degree.

Prerequisite: English for Multilingual Students 055.

35347	9:00a-12:10p	F	Winkle K	SAC I-103	Full Semester
			1 hour arranged each week		
35345	9:30a-10:55a	M W	Huebsch M	SAC I-103	Full Semester
			1 hour arranged each week		

SPEECH COMMUNICATION N52B, INTERMEDIATE AMERICAN ENGLISH PRONUNCIATION SKILLS 3 UNITS
More extensive instruction in American English sounds. Emphasis on more difficult sounds, sound blends, word endings, syllable and word stress. Not applicable to associate degree.

Prerequisite: Speech Communication N52A.

35349	8:00a-9:25a	Tu Th	Huebsch M	SAC C-213	Full Semester
			1 hour arranged each week		

SPEECH COMMUNICATION N54, ACCENT REDUCTION 1 UNIT
Individualized instruction to assist in the reduction of foreign accents. Improvement of discrimination and production of the American English sound system, melody, intonation and stress patterns. Not applicable to associate degree.

Prerequisite: English for Multilingual Students 055.
 Open Entry / Open Exit
 35352 5:00p-10:00p Tu Winkle K SAC A-217 Full Semester

SPEECH COMMUNICATION 097, AMERICAN ENGLISH CONVERSATIONAL SKILLS 3 UNITS
Intensive, advanced conversational practice of American English. The course emphasizes oral competency in key American social, academic and business encounters and communication techniques. Laboratory hours are required. Preparation for Speech Communication 101 or 101H. Designed for non-native speakers.

Prerequisite: Speech Communication N53 or concurrent enrollment; English for Multilingual Students 107 or higher.

35125	9:30a-10:55a	Tu Th	Huebsch M	SAC C-213	Full Semester
			1 hour arranged each week		
35128	7:00p-10:10p	Th	Watkins M	SAC C-202	Full Semester
			1 hour arranged each week		

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

SPEECH COMMUNICATION 101, INTRODUCTION TO INTERPERSONAL COMMUNICATION 3 UNITS

Introduction to communication skills of listening, perception, language usage, non-verbal communication, and conflict management, emphasizing methods of overcoming barriers to effective communication in interpersonal relationships. Recommended for students who have completed or are currently enrolled in English 101.

35183 TBA Hondo K SAC WEB Full Semester
 Section 35783 Go to www.sac.edu/disted for more information.
 Email instructor first week of class. (hondo_kesha@sac.edu)

35137	8:00a-9:25a	Tu Th	Morris M	SAC C-202	Full Semester
35179	9:00a-12:10p	Sa	Harris M	SAC C-207	Full Semester
35158	9:30a-10:55a	Tu Th	Morris M	SAC C-202	Full Semester
35181	9:30a-10:55a	Tu Th	Fondren S	SAC I-103	Full Semester
35176	11:00a-12:25p	M W	Hondo K	SAC C-202	Full Semester

Section 35176 is linked to Counseling 107, The Freshman Experience, Section 34763 and English 061, Introduction to Composition, Section 33483. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

35142	11:15a-12:40p	Tu Th	Dowlatshahi K	SAC F-103	Full Semester
36479	12:30p-1:55p	Tu Th	Hondo K	SAC C-207	Full Semester
36099	1:00p-2:25p	Tu Th	Fondren S	SAC I-103	Full Semester
35149	2:00p-5:10p	Th	Lockwood L	SAC C-214	Full Semester
35151	2:00p-5:10p	Tu	Lockwood L	SAC C-214	Full Semester
35144	4:00p-6:55p	M	Holder V	SAC C-202	Full Semester
35136	6:00p-9:55p	F	Holder V	SAC I-103	09/10-10/16
			Staff	SAC I-103	
35178	6:30p-9:40p	F	Habel L	SAC A-205	Full Semester
35156	7:00p-10:10p	M	Holder V	SAC C-202	Full Semester

SPEECH COMMUNICATION 101H, HONORS INTRODUCTION TO INTERPERSONAL COMMUNICATION 3 UNITS

An enriched approach designed for honors students. Highly interactive seminar mode of instruction. Stresses the development of analytical thinking, writing, and speaking skills. An introduction to communication skills of listening, perception, language usage, nonverbal communication, and conflict management, emphasizing methods of overcoming barriers to effective communication in interpersonal relationships. Completion of or concurrent enrollment in English 101 recommended.

35184 12:30p-1:55p M W Hondo K SAC C-202 Full Semester

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.

35209	8:00a-9:25a	M W	Brown L	SAC C-213	Full Semester
35231	8:00a-9:25a	Tu Th	Moorhead C	SAC C-207	Full Semester
35188	8:00a-9:25a	Tu Th	Brown L	SAC C-214	Full Semester
35187	9:30a-10:55a	M W	Brown L	SAC C-213	Full Semester
35214	9:30a-10:55a	Tu Th	Brown L	SAC C-214	Full Semester
35219	11:00a-12:25p	Tu Th	Fondren S	SAC I-103	Full Semester

U-Link Section 35219 is linked to, Counseling 111, Learning Skills Development, Section 36299. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

35215	11:00a-12:25p	M W	Brown L	SAC C-213	Full Semester
35270	1:00p-2:25p	Tu Th	Moorhead C	SAC C-202	Full Semester
35213	1:00p-2:25p	M W	Morris M	SAC C-213	Full Semester
36764	2:00p-4:55p	W	Fondren S	SAC I-103	Full Semester

Section 36764 is linked to Human Development 114, Careers in Teaching, Section 35939. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

35189	2:00p-4:55p	W	Fondren S	SAC I-103	Full Semester
-------	-------------	---	-----------	-----------	---------------

Section 35189 is linked to Counseling 114, Careers in Teaching, Section 34727. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

36894	4:00p-6:55p	Tu	Holder V	SAC I-103	Full Semester
35268	5:00p-6:25p	M W	Fondren S	SAC I-103	Full Semester

SPEECH COMMUNICATION 103, INTRODUCTION TO INTERCULTURAL COMMUNICATION 3 UNITS

A general view of the sociological, psychological, and communication patterns of various cultural groups. Special emphasis on the methods, skills, and techniques necessary for effective intercultural, crosscultural, and interracial communication. Stresses the development of analytical thinking, speaking, and writing skills. Speech Communication 097 recommended for non-native speakers.

35272 7:00p-10:10p W Holder V SAC C-202 Full Semester

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

Connect with people and make a difference . . . Santa Ana College's

SPEECH-LANGUAGE PATHOLOGY ASSISTANT PROGRAM (SLPA) A PROGRAM IN A HELPING PROFESSION

Explore this rewarding, fulfilling career.

SLP Assistants will be trained to help children and adults improve their communication skills.

Contact the SLPA Department for more information, 714-564-6668.

SPEECH COMMUNICATION 140, ARGUMENTATION AND DEBATE 3 UNITS

Principles of debate techniques with emphasis on methods of logical analysis and reflective thinking. Practical application through adaptation of material to forms of debate on current issues. Completion of or concurrent enrollment in English 101 recommended. Speech Communication 097 recommended for non-native speakers.

35279	6:30a-7:55a	M W	Lockwood L	SAC C-214	Full Semester
36102	8:00a-9:25a	M W	Lockwood L	SAC C-214	Full Semester
35277	9:30a-10:55a	M W	Lockwood L	SAC C-214	Full Semester
35278	12:30p-1:55p	Tu Th	Lockwood L	SAC C-214	Full Semester
35273	7:00p-10:10p	W	Staff	SAC C-213	Full Semester

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.

36478	11:00a-12:25p	Tu Th	Hondo K	SAC C-207	Full Semester
35299	7:00p-10:10p	W	Fondren S	SAC I-103	Full Semester

SPEECH COMMUNICATION 151, VOICE AND DICTION FOR EFFECTIVE COMMUNICATION 3 UNITS

Basic speech and voice production. Anatomy and physiology related to respiration (breathing/loudness), phonation (sound/pitch) and articulation (diction/clarity). Practice in improving vocal skills for effective communication. Designed for individuals who have special demands on vocal production in their vocation. Speech Communication 097 recommended for non-native speakers.

35339	7:00p-10:10p	Tu	Holder V	SAC I-106	Full Semester
-------	--------------	----	----------	-----------	---------------

SPEECH COMMUNICATION 170, INTRODUCTION TO PHONETICS 3 UNITS

Study of the articulatory foundations of the description and classification of speech sounds. Introduces the International Phonetic Alphabet (IPA), physiological properties of the speech-producing mechanism, and methods of transcription. Emphasis will be on American English along with comparison to the sound systems of other languages. Speech Communication N53 recommended for non-native speakers.

35340	3:45p-6:55p	M	Morris M	SAC C-207	Full Semester
-------	-------------	---	----------	-----------	---------------

SPEECH LANGUAGE PATHOLOGY ASSISTANT

SPEECH LANGUAGE PATHOLOGY ASSISTANT 118, INTRODUCTION TO SPEECH-LANGUAGE PATHOLOGY ASSISTING 1 UNIT

Overview of the field of speech-language pathology, professional standards, legal and ethical issues and scope of responsibilities of the speech-language pathologist and the speech-language pathology assistant in health care and educational settings.

36093	6:00p-6:50p	Tu	Porter M	SAC I-104	Full Semester
-------	-------------	----	----------	-----------	---------------

TUTORIAL LEARNING CENTER

The SAC Tutorial Learning Center offers FREE tutoring to students taking courses through RSCCD. The Center, located in U-202, provides a variety of tutorial programs and services to help students maximize their learning potential. Tutoring takes place in both one-to-one and small group settings; exam reviews are offered on occasion for some subjects. You can schedule a tutoring appointment by calling 1-714-564-6260, or by visiting U-202. Investigate the TLC today to see how it can benefit you!

SPEECH LANGUAGE PATHOLOGY ASSISTANT 119, SPEECH-LANGUAGE AND HEARING DEVELOPMENT ACROSS THE LIFE SPAN 3 UNITS

Study of normal speech, hearing and language development across the life span. Topics will include communication development in bilingual populations and differentiation of normal from disordered communication.

37266	6:00p-9:10p	M	Swingle J	SAC I-101	Full Semester
-------	-------------	---	-----------	-----------	---------------

SPEECH LANGUAGE PATHOLOGY ASSISTANT 120, SPEECH-LANGUAGE PATHOLOGY CLINICAL MANAGEMENT AND PROCEDURES 2 UNITS

Organizational and functional skills required in the speech-language pathology workplace. Includes interdisciplinary and supervisory relationships, client and public interaction, safety issues, technical writing, data collection, record keeping and computer applications.

36094	7:00p-9:05p	Tu	Porter M	SAC I-103	Full Semester
-------	-------------	----	----------	-----------	---------------

SPEECH LANGUAGE PATHOLOGY ASSISTANT 150, OBSERVATION OF SPEECH-LANGUAGE PATHOLOGY CLINICAL PRACTICES 1 UNIT

Beginning clinical observation of practices and procedures required in speech-language pathology. Observation sites will be both educational and medical.

36095	5:00p-5:55p	M	Porter M	SAC I-201	Full Semester
-------	-------------	---	----------	-----------	---------------

Mandatory meetings on August 23rd, October 4th November 8th and December 6th

SPEECH LANGUAGE PATHOLOGY ASSISTANT 160, INTRODUCTION TO COMMUNICATIVE DISORDERS AND TREATMENT 3 UNITS

An overview of communication disorders, including classification, assessment and remediation of speech, language, swallowing, and hearing disorders in children and adults. Role of speech-language pathologist and audiologist in educational and medical settings.

36091	6:00p-9:10p	M	Miller R	SAC I-201	Full Semester
-------	-------------	---	----------	-----------	---------------

SPEECH LANGUAGE PATHOLOGY ASSISTANT 180, SPEECH-LANGUAGE PATHOLOGY SCREENING PROCESSES AND INTERVENTION PROCEDURES 3 UNITS

Screening tools, processes and intervention procedures used for clients with communication disorders. Administration of screening tests and completion of protocols. Equipment utilized in therapeutic treatment.

Prerequisite: Speech Language Pathology Assistant 160.

36090	6:00p-8:00p	Tu	Greenhalgh P	SAC I-108	Full Semester
	6:00p-9:10p	Th	Greenhalgh P	SAC I-108	

SPEECH LANGUAGE PATHOLOGY ASSISTANT 190, SPEECH-LANGUAGE PATHOLOGY ASSISTANT CLINICAL FIELD WORK I 2 UNITS

Application of supervised clinical practice procedures as required of a speech-language pathology assistant in an educational setting.

Prerequisite: Speech Language Pathology Assistant 120, 150, 160; concurrent enrollment in Speech Language Pathology Assistant 180.

36087	5:00p-5:55p	W	Auzenne L	SAC I-201	Full Semester
-------	-------------	---	-----------	-----------	---------------

Mandatory meetings on Aug. 25th, Sept. 29th, Nov. 3rd, and Dec. 8th

SPEECH LANGUAGE PATHOLOGY ASSISTANT 250, SPEECH-LANGUAGE PATHOLOGY ASSISTANT CLINICAL FIELDWORK II 2 UNITS

Advanced application of clinical practice procedures in a clinical or medical setting by the speech-language pathology assistant under the supervision of a speech-language pathologist.

Prerequisite: Speech Language Pathology Assistant 180, 190.

36088	5:00p-5:55p	Tu	Porter M	SAC I-104	Full Semester
-------	-------------	----	----------	-----------	---------------

Mandatory meetings on Aug. 24, Sept. 28th, Nov 2nd, and Dec. 9th

STUDY SKILLS

STUDY SKILLS 091, EFFECTIVE STUDY TECHNIQUES 1 UNIT

A short-term course designed to teach effective college study skills. Topics include time management, textbook study, lecture notetaking, test taking strategies, exam preparation.

36141	8:00a-8:50a	F	Coffman J	SAC I-104	Full Semester
36142	9:30a-10:20a	F	Coffman J	SAC I-104	Full Semester
36140	1:00p-3:05p	Tu	Nguyen M	SAC L-202	10/19-12/07
36139	1:00p-3:05p	Tu	Nguyen M	SAC L-202	08/24-10/12

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.

36130	TBA		Staff	SAC WEB	Full Semester
-------	-----	--	-------	---------	---------------

Section 36130 Online instruction plus mandatory on campus orientation: Mon, Aug. 23, 1-2pm or Tues, Aug. 24, 6-7pm, SAC L-225.

Go to www.sac.edu/disted for more information. Email instructor first week of class.

36114	9:00a-12:10p	F	Staff	SAC I-106	Full Semester
36113	9:30a-10:55a	M W	Sanchez G	SAC D-204	Full Semester
36109	11:00a-12:25p	Tu Th	Ramos G	SAC C-214	Full Semester
36108	11:30a-12:55p	M W	Sanchez G	SAC D-109	Full Semester
36112	1:00p-2:25p	Tu Th	Sanchez G	SAC R-115	Full Semester
36131	6:00p-9:10p	M	Staff	SAC R-115	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

STUDY SKILLS N96, TRAINING FOR TUTORIAL ASSISTANTS**0.5 UNIT**

Designed to help develop those skills necessary to become an effective tutor. Focuses on a variety of factors relative to the tutorial relationship, with emphasis on helping students help themselves. Not applicable to associate degree.

Open Entry / Open Exit

36143	TBA		Conner M	SAC U-202	Full Semester
-------	-----	--	----------	-----------	---------------

STUDY SKILLS N96, TRAINING FOR TUTORIAL ASSISTANTS**0.5 UNIT**

Designed to help develop those skills necessary to become an effective tutor. Focuses on a variety of factors relative to the tutorial relationship, with emphasis on helping students help themselves. Not applicable to associate degree.

Open Entry / Open Exit

36143	TBA		Conner M	SAC U-202	Full Semester
-------	-----	--	----------	-----------	---------------

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

35354	TBA		Schultz R	DMC-135	Full Semester
-------	-----	--	-----------	---------	---------------

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

35356	TBA		Schultz R	DMC-135	Full Semester
-------	-----	--	-----------	---------	---------------

TV/VIDEO COMMUNICATIONS 100, INTRODUCTION TO ELECTRONIC MEDIA:**TV, RADIO, FILM, AND THE INTERNET****3 UNITS**

Survey of the TV, Radio, Film and Internet production industries with emphasis on their historical development, social impact, and business practices. Special emphasis on career opportunities and basic studio operations in the communications field.

35358	11:00a-12:25p M W		Bales T	SAC A-210	Full Semester
-------	-------------------	--	---------	-----------	---------------

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. (Same as Theatre Arts 104).

35383	1:00p-4:10p W		Bales T	SAC A-210	Full Semester
-------	---------------	--	---------	-----------	---------------

TV/VIDEO COMMUNICATIONS 105, MASS MEDIA AND SOCIETY**3 UNITS**

Exploration of the history, effects, and role of mass media in U.S. society. Examines major media forms (TV, radio, film, newspapers, magazines, ads, the Internet) in our information-conscious culture.

35384	9:30a-10:55a M W		Bales T	SAC A-210	Full Semester
-------	------------------	--	---------	-----------	---------------

TV/VIDEO COMMUNICATIONS 110, INTRODUCTION TO TELEVISION PRODUCTION**3 UNITS**

Introduction to production of television programs and operation of studio and field equipment. Includes overview of production theory, terminology and procedures, as well as hands-on training in use of cameras, audio, lighting, and control room apparatus. Prior or concurrent enrollment in TV/Video Communications 100 recommended.

35386	7:00p-10:10p Tu		Schultz R	DMC-135	Full Semester
-------	-----------------	--	-----------	---------	---------------

	7:00p-10:10p Th		Schultz R	DMC-135	
--	-----------------	--	-----------	---------	--

TV/VIDEO COMMUNICATIONS 112, INTRODUCTION TO VIDEO EDITING & POSTPRODUCTION**3 UNITS**

Fundamental methods and techniques used to edit video for TV, film, web and multi-media. Hands-on training in basic operation of Final Cut Pro digital non-linear editing system and software. Completion of Television/Video 110 or concurrent enrollment recommended.

35387	7:00p-10:10p M		Schultz R	DMC-204	Full Semester
-------	----------------	--	-----------	---------	---------------

3 hours arranged each week

TV/VIDEO COMMUNICATIONS 115A, SINGLE-CAMERA PRODUCTION AND EDITING**3 UNITS**

Fundamental approaches and techniques utilized in single-camera production for television, film, web and multi-media. Hands-on training in operation of portable analog and digital video and audio production equipment, as well as lighting. Prior or concurrent enrollment in Television/Video Communications 110 and 112 recommended.

35392	7:00p-10:10p W		Schultz R	DMC-135	Full Semester
-------	----------------	--	-----------	---------	---------------

3 hours arranged each week

TV/VIDEO COMMUNICATIONS 130, PRINCIPLES OF BROADCAST NEWS**3 UNITS**

Introduction to broadcast journalism with emphasis on writing, editing, and technical production of media newscasts. Emphasizes both field and studio reporting. Prior or concurrent enrollment in Television/Video Communications 110 recommended. (Same as Journalism 130.)

35393	11:00a-11:50a Tu Th		Bales T	DMC-135	Full Semester
-------	---------------------	--	---------	---------	---------------

	12:00p-1:30p Tu Th		Bales T	DMC-135	
--	--------------------	--	---------	---------	--

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

**TV News**

Auditions and orientation for SAC-TV's cable newscasts "Around & About OC" and "Noticiero Latino" will be held Tuesday, August 24 at 11a.m. at the new Digital Media Center, 1300 S. Bristol Room DMC-135, Santa Ana. Sign up for TV/Video 130 to be involved or call 714-241-5778.

TV/VIDEO COMMUNICATIONS 181, 3-D MODELING**5 UNITS**

Instruction in digital 3D modeling using 3D Studio Max from introductory to high-intermediate level. Course includes orientation to the software interface, lectures and tutorials on how to build objects using primitives, modifiers, polygonal and Spline modeling methods. Emphasis on practical application in games, architecture, and film. (Same as Art 196A).

Prerequisite: Art 195.

35397	6:00p-9:10p M		Waterman P	SAC A-223	Full Semester
-------	---------------	--	------------	-----------	---------------

	9:15p-10:15p M		Waterman P	SAC A-223	
--	----------------	--	------------	-----------	--

	5:00p-10:15p W			SAC A-223	
--	----------------	--	--	-----------	--

TV/VIDEO COMMUNICATIONS 185, 3-D ANIMATION**5 UNITS**

This course teaches how to use 3d animation software for the purpose of linear storytelling. Emphasis placed on the incorporation of the classic principles of animation, and in learning the core components of the software that are necessary to know for effective visual communication. (Same as Art 197A).

Prerequisite: Art 196A or Television/Video Communications 181.

35400	6:00p-9:10p Tu		Waterman P	SAC A-223	Full Semester
-------	----------------	--	------------	-----------	---------------

	9:15p-10:15p Tu		Waterman P	SAC A-223	
--	-----------------	--	------------	-----------	--

	6:00p-10:15p Th			SAC A-223	
--	-----------------	--	--	-----------	--

1 hour arranged each week

TV/VIDEO COMMUNICATIONS 230A, BROADCAST NEWS PRODUCTION**4 UNITS**

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Prior or concurrent enrollment in Television/Video Communications 110 recommended. (Same as Journalism 230A.)

Prerequisite: Television/Video Communications 130.

35403	11:00a-11:55a Tu Th		Bales T	DMC-135	Full Semester
-------	---------------------	--	---------	---------	---------------

	12:00p-1:30p Tu Th		Bales T	DMC-135	
--	--------------------	--	---------	---------	--

4 hours arranged each week

TV/VIDEO COMMUNICATIONS 230B, BROADCAST NEWS PRODUCTION**4 UNITS**

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Assignments vary in subsequent semesters. (Same as Journalism 230B.)

Prerequisite: Television/Video Communications 230A.

35404	11:00a-11:55a Tu Th		Bales T	DMC-135	Full Semester
-------	---------------------	--	---------	---------	---------------

	12:00p-1:30p Tu Th		Bales T	DMC-135	
--	--------------------	--	---------	---------	--

4 hours arranged each week

TV/VIDEO COMMUNICATIONS 230C, BROADCAST NEWS PRODUCTION**4 UNITS**

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Assignments vary in subsequent semesters. (Same as Journalism 230C.)

Prerequisite: Television/Video Communications 230B.

35405	11:00a-11:55a Tu Th		Bales T	DMC-135	Full Semester
-------	---------------------	--	---------	---------	---------------

	12:00p-1:30p Tu Th		Bales T	DMC-135	
--	--------------------	--	---------	---------	--

4 hours arranged each week

TV/VIDEO COMMUNICATIONS 230D, BROADCAST NEWS PRODUCTION**4 UNITS**

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Assignments vary in subsequent semesters. (Same as Journalism 230D.)

Prerequisite: Television/Video Communications 230C.

35406	11:00a-11:55a Tu Th		Bales T	DMC-135	Full Semester
-------	---------------------	--	---------	---------	---------------

	12:00p-1:30p Tu Th		Bales T	DMC-135	
--	--------------------	--	---------	---------	--

4 hours arranged each week

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

35412	TBA		Schultz R	DMC-135	Full Semester
-------	-----	--	-----------	---------	---------------

35408	TBA		Bales T	SAC A-210	Full Semester
-------	-----	--	---------	-----------	---------------

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

THEATRE ARTS

THEATRE ARTS 100, INTRODUCTION TO THEATRE 3 UNITS

An introduction to the art and concepts of theatre through a study of modern and historical theories of dramatic structure, playwriting, directing, design, and acting. Attendance at live theatre required.

35607	TBA		Tivenan V	SAC WEB	Full Semester
Section 35607 Login to BLACKBOARD for instructions during Week 1. Go to www.sac.edu/disted for more information. Email instructor first week of class. (tivenan_valinda@sac.edu)					
35603	TBA		Tivenan V	SAC WEB	Full Semester
Section 35603 Login to BLACKBOARD for instructions during Week 1. Go to www.sac.edu/disted for more information. Email instructor first week of class. (tivenan_valinda@sac.edu)					
35609	9:30a-10:55a	MW	Sebelius A	SAC P-105	Full Semester

THEATRE ARTS 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. (Same as Television/Video Communications 104).

36009	1:00p-4:10p	W	Bales T	SAC A-210	Full Semester
-------	-------------	---	---------	-----------	---------------

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.

35611	11:15a-1:20p	M	Donchey S	SAC P-105	Full Semester
	12:20p-1:20p	W	Donchey S	SAC P-105	
	11:15a-12:15p	W		SAC P-105	
35641	6:00p-8:55p	M	Wallace Jr. J	SAC P-105	Full Semester
	9:00p-10:00p	M	Wallace Jr. J	SAC P-105	

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.

35616	11:15a-1:20p	M	Donchey S	SAC P-105	Full Semester
	12:20p-1:20p	W	Donchey S	SAC P-105	
	11:15a-12:15p	W		SAC P-105	
35642	6:00p-8:55p	M	Wallace Jr. J	SAC P-105	Full Semester
	9:00p-10:00p	M	Wallace Jr. J	SAC P-105	

THEATRE ARTS 131, STAGECRAFT 3 UNITS

Introduction to technical theatre including basic principles of scenic design; construction, and painting; principles of lighting design, technology and process; plus stage and scene shop procedures. Preparation for on stage crew assignments. Concurrent enrollment in Theatre Arts 135 is recommended.

35644	TBA		Tivenan V	SAC WEB	Full Semester
Section 35644 Online instruction plus 2 hours lab session on campus each week in P-108. Go to www.sac.edu/disted for more information. Email instructor first week of class. (tivenan_valinda@sac.edu)					

THEATRE ARTS 135, TECHNICAL PRODUCTION 1 UNIT

Supervised instruction and practical application in stage production techniques. Each repetition presents more advanced material.

35675	TBA		Tivenan V	SAC P-108	08/23-12/10
Contact instructor the first week of class for schedule. E-mail tivenan_valinda@sac.edu					

THEATRE ARTS 152, TOUR ENSEMBLE 2 UNITS

Acting ensemble providing performance experience for advanced students. Audition required.

35676	9:00a-9:55a	F	Sebelius A	SAC P-105	Full Semester
	10:00a-12:00p	F	Sebelius A	SAC P-105	
1 hour arranged each week.					

THEATRE ARTS 155, CHILDREN'S THEATRE ENSEMBLE 2 UNITS

Intensive rehearsal and performance experience leading to an extended-run Children's Theatre production. Preparation for repertory theatre production experience.

35677	9:00a-12:00p	F	Hansen B	SAC P-100	Full Semester
	6:00p-10:00p	M Tu W Th	Hansen B	SAC P-100	

FIRST CLASS MEETING

Make sure you attend the first class meeting!

Attendance at the first meeting of a class is advised because of enrollment demands. Any student not reporting to the first class meeting may be dropped from the roll sheet.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
---------	------	------	------------	----------------	-------

VIETNAMESE

VIETNAMESE 101, ELEMENTARY VIETNAMESE I 5 UNITS

A college level Vietnamese class focusing on pronunciation and grammar, basic vocabulary, common idioms, listening, speaking, reading and writing techniques to provide avenues for the expression of ideas orally and in writing. Introduction to Vietnamese culture. Some sections designated for native Vietnamese speakers. Vietnamese 101 is equivalent to two years of high school Vietnamese. Sixteen additional hours in the Modern Language Lab required. (One hour per week for 16-week semester sessions and two hours per week for 8-week summer sessions.)

16 lab hours required, one hour per week for 16-week semester.

33654	6:00p-8:30p	F	Tran D	SAC I-104	Full Semester
	9:00a-11:30a	Sa	Tran D	SAC I-104	
33653	7:00p-9:30p	MW	Le V	SAC D-205	Full Semester

VIETNAMESE 102, ELEMENTARY VIETNAMESE II 5 UNITS

A college level Vietnamese course focusing on further training in pronunciation and grammar, more extensive vocabulary development, conversation and composition. Supplementary cultural readings. Vietnamese 102 is equivalent to the third year of high school Vietnamese. Sixteen additional hours in the Modern Language Lab required. (One hour per week for 16-week semester sessions and two hours per week for 8-week summer sessions).

Prerequisite: Vietnamese 101.

16 lab hours required, one hour per week for 16-week semester.

33655	7:00p-9:30p	Tu Th	Vo V	SAC D-214	Full Semester
-------	-------------	-------	------	-----------	---------------

WELDING

WELDING 008, OXYACETYLENE-ARC WELDING 3 UNITS

Technical knowledge and basic skills needed for occupational oxyacetylene and arc welding processes and applications. Students must furnish safety equipment. (Same as Automotive Technology 008 and Diesel 008.)

35701	8:00a-11:30a	Tu Th	Moreno G	SAC K-101	Full Semester
35700	6:00p-9:30p	MW	Moreno G	SAC K-101	Full Semester
35702	6:00p-9:30p	Tu Th	Moreno G	SAC K-101	Full Semester

WELDING 020, WELDING LABORATORY 0.5 - 5 UNITS

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

35703	12:15p-1:25p	Tu	Moreno G	SAC K-101	Full Semester
35704	4:30p-5:40p	W	Moreno G	SAC K-101	Full Semester

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.

35706	8:30a-12:05p	Tu Th	Moreno G	SAC K-101	Full Semester
35705	6:30p-10:05p	MW	Moreno G	SAC K-101	Full Semester
35707	6:30p-10:05p	Tu Th	Moreno G	SAC K-101	Full Semester

WELDING 039, INERT GAS WELDING 4 UNITS

Gas shielded welding, TIG and MIG welding of aluminum, mild and stainless steel. Students to furnish protective safety devices.

Prerequisite: Welding 008 and concurrent enrollment in Welding 020.

35710	8:30a-12:05p	Tu Th	Moreno G	SAC K-101	Full Semester
	Section 35710 has 1 hour arranged per week				
35708	6:30p-10:05p	Tu Th	Moreno G	SAC K-101	Full Semester
	Section 35708 has 1 hour arranged per week				
35709	6:30p-10:05p	MW	Moreno G	SAC K-101	Full Semester
	Section 35709 has 1 hour arranged per week				

WELDING 098, INTERMEDIATE 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.

36002	6:00p-9:35p		Capucetti B	SAC K-101	Full Semester
	8:00a-11:35a	Sa	Capucetti B	SAC K-101	

WOMEN'S STUDIES

WOMEN'S STUDIES 101, INTRODUCTION TO WOMEN'S STUDIES 3 UNITS

A multicultural survey of social trends, issues, opportunities, and topics of special interest to women. Discussion includes sex, sex role stereotyping, family problems, work, law, gender equity, physical and mental health, feminism, rape, and women in arts, sciences, history and business.

33659	9:45a-11:10a	Tu Th	Davis J	SAC D-304	Full Semester
33660	7:00p-10:10p	Th	Davis J	SAC I-207	Full Semester

SERVICES FOR STUDENTS

SERVICE HOURS

ADMISSIONS HOURS – first floor of the Administration Building

Santa Ana College	714-564-6005
Monday–Thursday	8:00 am to 6:45 pm
Friday	8:00 am to 4:30 pm
Saturday	8:30 am to 12:30 pm on 8/28/10 only

REGISTRATION HOURS

August 23, 2010–September 3, 2010.

located on second floor of Johnson Campus Center, U-201*

* Prior to 8/23/10, please go to Admissions in S-101 for assistance.

Santa Ana College	714-564-6005
Monday–Thursday	10:00 am to 6:30 pm
Friday	10:00 am to 3:30 pm

CASHIER'S OFFICE & PHOTO I.D. HOURS

first floor of Administration Building, Room S-104

Santa Ana College	714-564-6965
Monday–Thursday	8:00 am to 5:00 pm
Friday	8:00 am to Noon

Pay fees on-line www.sac.edu

BOOKSTORE HOURS (subject to change)

located on first floor of Johnson Campus Center

Santa Ana College Bookstore	714-564-6435
Monday–Thursday	8:00 am to 8:00 pm
Friday	8:00 am to 2:00 pm
Saturday	(9:00 am to 1:00 pm on 8/28/10 only)

BOOKSTORE CHECK CASHING POLICY

Personal checks made payable to SAC are accepted in the amount of purchase. Students must present a current student ID.

CREDIT CARDS

Current ID required and the cardholder must be present. Visa, MasterCard, and Discover accepted.

BOOKSTORE REFUND POLICY

Textbooks for full semester courses can be refunded within the first two weeks of the first day of classes with current register receipt.

Test materials/supplies also available in VENDING machine located in Cesar Chavez Building and at the Don Express.

LIBRARY HOURS

Santa Ana College Nealley Library	714-564-6700
Monday–Thursday	8:00 am to 8:00 pm
Friday	8:00 am to 2:00 pm
Saturday/Sunday	Closed

LIBRARY USE POLICY

Current enrollment and a valid photo I.D. card is required to check out materials.

CAFETERIA HOURS

located on second floor of Johnson Campus Center

Santa Ana College	
Monday - Thursday	7:30 am to 8:30 pm
Friday (CLOSED FRIDAYS DURING SUMMER)	7:30 am to 1:00 pm

DON EXPRESS HOURS (subject to change)

Snacks, sandwiches, drinks, school supplies, test forms, and magazines.

Santa Ana College	
located between Dunlap Hall and Phillips Hall	
Monday–Thursday	7:30 am to 8:30 pm
Friday	7:30 am to 12:30 pm
Saturdays	7:30 am to 12:30 pm

SERVICE PROGRAMS

ASSOCIATED STUDENTS

SAC Johnson Center, Room U-100C **714-564-6208**

The Associated Students was established to provide students with government and leadership experience. Opportunities are available to become involved in campus committees and councils as a student representative. Learn first hand about group dynamics and decision making, event programming, and running effective meetings. Additionally, there are many student clubs and organizations for you to join. Contact the Student Activities Office for information regarding student government, Inter-Club Council, clubs/student organizations and the Student Leadership Institute.

CAREER/JOB RESOURCE CENTER

SAC Library Building 2nd floor, Room L-225 **714-564-6254**

The SAC Career/Job Resource center offers access to computerized resources and hard copy information on careers, training programs, and job resource services as well as workshops. Individuals and entire classes can utilize the center to explore careers keyed to interests, skills, personality, and values. Information is available on employment trends and salaries, locally, nationally, and on the international level.

The Career/Job Resource Center provides all the resources necessary for students to find a satisfying major, set career goals, and obtain successful employment.

UNDECIDED MAJORS WORKSHOPS

FREE workshops designed specifically to assess students' career interests. Provides decision-making information, which can lead to more effective educational goals associated with various majors. Workshops are **open to the community**. Call for dates and times.

EMPLOYMENT PREPARATION WORKSHOPS

Employment Preparation Workshops are offered on an ongoing basis in the following areas: Résumé Preparation, Interview Skills and Job Search Techniques. Call for dates and times.

CHILD DEVELOPMENT SERVICES

Executive Director (2323 N. Broadway, Santa Ana) **714-480-7546**

Child care services are provided at all Santa Ana College sites for children 6 months to five years of age of students who qualify for sliding scale fees. Fees vary according to income. Spaces are available for RSCCD staff when available. The Early Head Start (EHS) program is for low-income infants, toddlers, pregnant women and their families. Services are offered at the SAC CDC or in your home. Please call 714-480-7544 for information.

For information call any center below:

- **Santa Ana College** at 714-564-6894.
- **Centennial Education Center** at 714-241-5739.
- **Santa Ana College East Campus** at 714-564-6952.
- **Early Head Start** 714-564-7544

COMMUNITY SERVICES

SAC Administration Building, S-204 **714-564-6594**
Also at www.sac.edu/cms **FAX 714-564-0240**

The Community Services program offers courses for both adults and children in computers, personal growth, dance, arts & crafts, money matters & investments, recreation, business, careers, travel tours, and more. For registration information, or to obtain a brochure with a full listing of events, call or visit our office listed above.

COUNSELING SERVICES

SAC Administration Building, 1st Floor, Room S-110 **714-564-6100**
Centennial Education Center **714-241-5720**

RSCCD Counseling Services provide a variety of programs and procedures through which individuals are brought into the instructional program, assisted in career planning and development, assisted in planning for and pursuing courses of study, and provided avenues for obtaining employment. For more information, log on: www.sac.edu/students/counseling/services.htm

... SERVICES ...

SERVICE PROGRAMS (continued)

Academic Planning Questions?

www.sac.edu/online_counseling

DISABLED STUDENTS PROGRAMS AND SERVICES (DSPS)

Santa Ana College is committed to equal access and opportunity for individuals with disabilities. The DSPS program provides academic accommodations and support services to minimize disability related barriers. Individualized programs are designed to enable students to compete academically on the equal basis with their non-disabled peers. Please contact any of the DSPS departments listed below and we will gladly answer your questions.

DSPS MAIN OFFICE/PHYSICAL DISABILITIES

SAC Russell Hall, Room R-101714-564-6295

Services include; intake & verification of disability status, referrals to other DSPS programs on campus, academic advisement, registration assistance, elevator cards, mobility and learning assistance.

ASSISTIVE TECHNOLOGY CENTER

SAC Johnson Center, Room U-103714-564-6260

The center provides computer assisted instruction through the use of assistive technology for disabled students.

COMMUNICATIONS DISABILITIES/ ACQUIRED BRAIN IMPAIRMENT PROGRAM

SAC Planetarium, Room M-105714-564-6283

TTY714-564-6347

Students with verifiable communication disabilities or acquired brain impairments can receive assistance with program planning, registration, assessment, and computer assisted instruction.

DEAF and HARD OF HEARING PROGRAM

SAC Johnson Center, Room U-107714-564-6283

TTY/TDD714-564-6284

Sign language, note taking supplies, assistive listening devices are provided for deaf and hard of hearing students.

LEARNING DISABILITIES

SAC Johnson Center, Room U-103714-564-6260

Centennial Education Center, Room D-101714-564-5135

A program for students with learning deficits severe enough to affect classroom performance. Assessment, tutoring, and special classes.

PSYCHOLOGICAL DISABILITIES

SAC Johnson Center, Room U-103714-564-6260

The Psychological Disabilities Program is designed to support and assist students with mental and emotional disorders who are attempting to function more independently.

WORKABILITY III

SAC Library Building, Room L-220714-564-6255

The objective of this program is to provide work readiness activities, job development, and job placement for students with disabilities.

EXTENDED OPPORTUNITY PROGRAM AND SERVICES (EOPS)

SAC Johnson Center Room U-101714-564-6232
(Hours: Mon-Thur 8am-6:30pm, Fri 8am-12pm)

The Extended Opportunity Program & Services (EOPS) is a statewide program created to provide opportunities and services to underserved students from low-income and academically disadvantaged backgrounds. The program and services are designed to facilitate the college experience and to assist students to achieve their educational goals. EOPS also houses the CARE program, which provides additional support services for single parents with children under the age of 14. For more information and eligibility criteria, please stop by or call the EOPS office at one of the above locations and/or numbers listed.

FINANCIAL AID

SAC Johnson Center, Room U-221714-564-6242
(Hours: Mon 9am-6pm, Tue-Thur 9am-5pm, Fri 9am-12pm)

The Financial Aid Office administers federal and state student aid programs designed to assist students who are unable to meet the cost of education. These programs include the Board of Governors Fee Waiver, Cal Grant programs, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Perkins Loan, Federal Work-Study and the Federal Family Educational Loan Programs (Stafford and PLUS loans). Since the application process can take a number of weeks, students are encouraged to complete the Free Application for Federal Student Aid (FAFSA) in early Spring (January-May) for the following Fall semester. In addition to the FAFSA, applicants for financial aid will be notified if any additional documents are needed to complete their application. **REMINDER: IT IS NOT TOO LATE TO APPLY!** You could still qualify for financial aid for Fall and Spring. Complete the Free Application for Federal Student Aid now! Contact the Financial Aid Office for further details.

HEALTH AND WELLNESS CENTERS

SAC Johnson Center, Room U-120714-564-6216
(Hours: Mon-Thur 9am-7pm)

Currently enrolled students who have paid the Health Fee are eligible to use the services available in the Health Centers. A Registered Nurse is available at all times. Physicians, Psychologists, and doctoral level Psychology Interns are available by appointment only. Services include but are not limited to: first-aid, diagnosis and treatment of acute illness, pap smears, low cost birth control pills and condoms, emergency contraception, hearing and vision screening, and psychological services.

PSYCHOLOGICAL SERVICES – Currently enrolled students who have paid the Health Fee are invited to visit the Santa Ana College Health Center for individual and group counseling, on a short-term basis, for personal problems, stress, and low self-esteem, as well as other mental health concerns. If appropriate, referrals are made to community agencies. Appointments can be made by calling or visiting the Health Center location listed above. Classes relating to mental health issues which provide education and support, are also offered by Psychological Services (see class schedule under Special Services).

MESA (Math, Engineering, & Science Achievement)

SAC Administration Building, Room S-107714-564-6373
(Hours: Mon-Thur 8am-7pm, Fri 8am-4pm)

The MESA program is an academic program that supports educationally disadvantaged community college students to excel in math, engineering, and science so they can transfer to four-year institutions as majors in these fields. Services include tutoring, advisement, academic success, workshops, and scholarships.

Online Counseling Now Available!

www.sac.edu/online_counseling

... SERVICES ...

SERVICE PROGRAMS (continued)

SCHOLARSHIP PROGRAM

SAC Administration Building, Room S-204714-564-6478
(Hours: Mon-Thur 8:30am-4pm)

The SAC Scholarship Program offers scholarships to incoming, continuing and graduating/transferring SAC students. The program opens during the first week of November and closes the first week in March. Information and application packets are available in the Scholarship Program office. Awards are announced during a special ceremony in May and funds are available for the following fall semester. Help in how to apply for scholarships is also available.

The Scholarship Program is also available to work with interested business, corporations and individuals to establish new scholarships. Scholarships can be structured to meet the wishes and parameters of the donor and may be given one-time only, in memoriam, in perpetuity, or on an annual renewable basis. For more specific information about the SAC Scholarship Program, contact the Scholarship Program directly at 714-564-6478.

SERVICE LEARNING

SAC Johnson Center, Room U-100A.....714-564-6362

The Service Learning Center is responsible for developing, implementing, and administering comprehensive programs and activities related to community service volunteerism, community partnerships, and service learning. The program connects with many local nonprofit agencies, each of which offer numerous volunteer opportunities. Students then match their skills and interests to the needs of the community agencies and gain valuable personal experience. Many instructors utilize service learning as a course requirement in order to connect student classroom learning with real life experience.

STUDENT PLACEMENT

SAC Johnson Center, Room U-222714-564-6201
(Hours: Mon-Thur 8am-5pm, Fri. 9am-12pm)

The Student Placement Office assists currently enrolled students in obtaining on-campus student assistant/work study employment. The Student Placement Office also provides housing listings placed by members of the community.

STUDENT SUPPORT SERVICES PROGRAM (TRIO)

SAC Johnson Center, Room U-102B.....714-564-6843
(Hours: Mon-Thur 8am-5pm, Fri 8am-12pm)

The Student Support Services Program (TRIO) is a federally funded program designed to improve the retention, transfer and graduation rate of low income, first-generation and disabled college students. The SSS program provides students with academic, personal and career counseling, tutoring, specialized workshops, field trips and assistance in transferring to a four-year university.

TEACHER EDUCATION CENTER

SAC Administration Building, Room S-110714-564-6352
(Hours: Mon-Thur 8am-7pm, Fri 8am-4pm)

The Center for Teacher Education is a resource center which offers information, academic advisement, and support for students interested in pursuing a career in teaching with an emphasis in preparing students for employment in local public elementary and secondary schools.

UNIVERSITY TRANSFER CENTER

SAC Administration Building, Room S-110714-564-6165
(Hours: Mon-Thur 8am-7pm, Fri 8am-4pm)

The University Transfer Center provides information and assistance to students preparing for transfer to baccalaureate granting institutions. Transfer services include appointments with university representatives and college fairs at Santa Ana College, as well as in-state and out-of-state university field trips. Our *Counseling N45 Orientation to College* program informs both parents and students about the transfer process and how to successfully achieve their academic goals. Additional information sessions focus on UC and CSU admissions, guarantee transfer programs, scholarships and internship opportunities. Students may also use our computers to access a complete digital resource library of university catalogs and videos.

TUTORIAL CENTER

SAC Johnson Center, Room U-202714-564-6260
(Hours: Mon-Wed 9am-6pm, Thur 9am-4pm, Fri 9am-12pm)

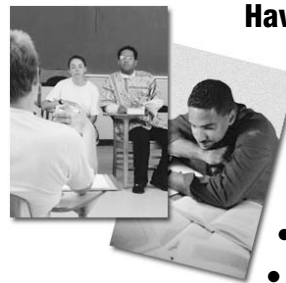
Free tutoring in a wide variety of subject areas is available at the Tutorial Learning Center. Call or visit the Center to schedule your appointment today. Services include tutoring, group study sessions, exam reviews and study skills information. Make the most of your educational experience at SAC by checking out this valuable resource.

VETERANS RESOURCE CENTER

SAC Johnson Center, Room U-103 714-564-6050
(Hours: Mon-Wed 9am-7pm, Thurs 9am-5pm, Fri 9am-12pm)

The Veterans Resource Center provides support and referrals to veterans transitioning into the college. Services include: assistance with registration, referrals to on-campus and off-campus resources, academic counseling, access to computers, peer mentoring and educational workshops. Services are provided by veterans for veterans.

FALL 2010 PSYCHOLOGICAL SERVICES: GOT STRESS?



Having difficulty with:

- Friends?
- Family?
- Relationships?
- Self-esteem?
- Time Management?
- Test Anxiety?

Psychological Services are available to ensure that students have the support as needed while working on their educational/career goals at Santa Ana College. A team of psychologists and interns can help students find solutions to life problems through individual or group counseling.

All services are confidential. Services are free to currently enrolled students. Come visit us at the Student Health and Wellness Center on the first floor of the Johnson Center (U-120) or call 714-564-6261

**For individual psychological
counseling appointments contact:**

**Santa Ana College Health Center
714-564-6216
Johnson Center, Room U-120,**

ACADEMIC PLANNING . . .

PREREQUISITES & COREQUISITES

IMPORTANT DEFINITIONS

If you should see the words **Prerequisite** or **Corequisite** in the class schedule, it is important for you to understand the definitions of these terms. Note that prerequisites and corequisites can be challenged. See *Prerequisite Challenge Policy*, on this page, for more information.

PREREQUISITE indicates a condition of enrollment that a student is required to meet in order to demonstrate current readiness for enrollment in a course or educational program. A prerequisite represents a set of skills or a body of knowledge that a student must possess prior to enrollment and without which the student is highly unlikely to succeed in the course or program. Students will not be permitted to enroll in such courses and programs without the appropriate prerequisite.

COREQUISITE indicates a condition of enrollment consisting of a course that a student is required to simultaneously take in order to enroll in another course. A corequisite represents a set of skills or a body of knowledge that a student must acquire through concurrent enrollment in another course and without which the student is highly unlikely to succeed. Students must concurrently enroll in the corequisite course.

PREREQUISITE CHALLENGE POLICY AND PROCEDURES

COURSE PREREQUISITE POLICY

Prerequisite means the preparation or previous course work considered necessary for success in the course. The College requires students to complete prerequisites as pre-enrollment preparation. Prerequisites which are listed in the College Catalog include:

1. Courses for which specific prerequisites have been established,
2. Sequential course work in a degree-applicable program, and
3. Courses in which an equivalent prerequisite exists at a four-year transfer college or university.

Questions about prerequisites are best resolved with a counselor or instructor prior to the first day of class.

PREREQUISITE CHALLENGE PROCESS

A prerequisite challenge requires written documentation explaining alternative course-work, background or abilities which adequately prepare the student for the course. A Prerequisite Challenge Form can be obtained from the appropriate division office. Prerequisites may be challenged for one or more of the following reasons:

1. The college has not developed the prerequisite according to its established procedures or has not developed the prerequisite in accord with existing statutes.
2. The prerequisite is discriminatory or is being applied in a discriminatory fashion.
3. The College has not made the prerequisite course reasonably available.
4. The student has documented knowledge and abilities equivalent to those specified in the prerequisite course.

The challenge will be reviewed by a committee consisting of the division dean, or designee, department chair, or designee, and one department or division representative or designee.

If space is available in a course when a student files a challenge to the prerequisite or corequisite, the district shall reserve a seat for the student and resolve the challenge in a timely manner. If no space is available in the course when a challenge is filed, the challenge shall be resolved prior to the beginning of registration for the next term and, if the challenge is upheld, the student shall be permitted to enroll if space is available when the student registers for that subsequent term.

Note: Students who are challenging a course which is a requirement for a degree or certificate may wish to use the Credit by Examination process to receive credit for the challenged course.

RSCCD ASSESSMENT INFORMATION COURSE EXCEPTION LIST

GROUP I - The courses listed below do not have advisory reading levels and are **EXEMPT** from participation in the matriculation process (orientation, assessment, advisement, and counseling). However, students are encouraged to complete assessment and other matriculation services (see page 10).

MUSIC - Music 113AB, 114AB, 115ABCD, 132, 133, 134, 135, 136, 141, 171, 175, 176, 215ABCD, 241

GROUP II - The courses listed below have advisory reading levels and are **EXEMPT** from participation in the matriculation process (orientation, assessment, advisement, placement, and follow-up). However, students are encouraged to complete assessment and other matriculation services (see page 10).

ACCOUNTING - All Accounting Courses

APPRENTICESHIP - All Apprenticeship Courses

ART - Art 119, 121AB, 122, 124, 128, 130, 131, 140AB, 141, 143, 151, 151, 153, 155, 156, 160, 161, 171, 175A, 182, 183, 184AB, 186, 196AB, 197AB, 221, 230, 231, 232, 233, 234, 240, 241, 242, 243, 250, 251, 282, 283, 296, 298

BANKING - All Banking Courses

BUSINESS - All Business Courses

COMPUTER SCIENCE - All Computer Science Courses

CONTINUING EDUCATION NURSING - All Continuing Education Nursing Courses

DANCE - Dance 112, 201AB, 202, 204AB, 205, 206AB, 209, 210, 213, 214, 215AB, 216, 219AB, 220, 221, 230, 232, 240, 260, 298

DRAFTING TECHNOLOGY - All Drafting Technology Courses

ENGINEERING - All Engineering Courses

ENVIRONMENTAL STUDIES - All Environmental Studies Courses

EXERCISE SCIENCE - E.S. Activities, E.S. Adaptive Activities, E.S. Aquatics, E.S. Fitness, E.S. Intercollegiate Athletics

FIRE ACADEMY - All Fire Academy Courses

FRENCH - French 101, 195, 201 & 202

MANUFACTURING TECHNOLOGY - All Manufacturing Technology Courses

MANAGEMENT & MARKETING - All Management & Marketing Courses

MUSIC - Music 121, 122, 123, 124, 161, 162, 163, 164, 165, 185, 186, 187, 188, 213, 214, 215, 216, 217

PHOTOGRAPHY - Photography 165, 180, 181, 182, 183, 195, 200, 292, 293, 294

PUBLIC WORKS - All Public Works Courses

SPANISH - Spanish 101, 201, & 202

TELEVISION/VIDEO PRODUCTION - Television/Video Production 111, 112, 114, 141, 142, 150, 160, 181, 182, 185, 186, 211, 280, 298

THEATRE ARTS - Theatre Arts 112, 113, 131, 132, 133, 135, 150, 230, 235, 250, 280

TRAVEL AND TOURISM - All Travel and Tourism Courses

WATER UTILITY SCIENCE - All Water Utility Science Courses

Can't find the class you need?

**It may be waiting for you at
Santiago Canyon College!**

**View SCC's class schedule at
www.sccollege.edu/schedule**

SCC's class schedule is included in this booklet.

Hurry! Class sizes are limited.

... PLANNING ...

EDUCATIONAL OPTIONS — ASSOCIATE DEGREE

SANTA ANA COLLEGE ASSOCIATE DEGREE REQUIREMENTS

To qualify for an associate degree, the candidate must meet the following requirements:

COURSES: Sixty units in the following five categories:

- I. Major Requirements:** Each degree and certificate program specifies courses required for the major. Students must complete these courses with a grade of “C” or better. See the Instructional Programs section of the catalog.
- II. General Education Requirements:** 21 semester units of general education which include one course or more as indicated in group requirements A, B, C, D, and E.
Courses from the major may be used to satisfy individual group requirements but those units may not be counted as part of the 21 semester units of general education.
- III. Lifelong Understanding and Self-Development:** The college requires that students select three units from category F in addition to the minimum 21 units in Groups A, B, C, D, and E.
- IV. Skills Proficiency Requirements:** The college requires proficiency in basic learning skills in mathematics, reading, and oral communication, as found in Required Proficiencies.
- V. Computer Skills and Applications Requirement:** See page [77](#).

Note: The requirements in parts II, III, IV, and V above also may be met by completion of CSU General Education Breadth certification requirements, by completion of the Intersegmental General Education Transfer Curriculum requirements, by submitting a transcript showing completion of a bachelor’s degree at an accredited institution, or by submitting a transcript showing completion of an associate of arts or associate of science degree from an accredited California institution within a ten-year period of finishing major requirements (I) at the college.

Courses numbered less than 100 and preceded by “N” are NOT applicable to the Associate Degree.

Grade Point Average: A cumulative G.P.A. of at least 2.0 (C).

Residency: At least 12 units completed at SAC (at least six of the units must be in courses required for the major unless otherwise noted in the catalog).

Petition for Graduation and Catalog Rights: Petitions for graduation should be filed in the Office of Admissions and Records one semester before the student expects to graduate. Students who maintain continuous enrollment in at least one regular semester or session of a catalog year (Fall, Intersession, Spring, or Summer) at Santa Ana College or Santiago Canyon College may elect to meet the associate degree or certificate requirements in the SAC catalog in effect at the time of first enrollment, or may choose the catalog requirements from any one year of subsequent continuous enrollment at SAC/SCC. A student who has an interruption of attendance must use the catalog at the time of readmission or one of subsequent continuous enrollment. Commencement exercises are held once a year at the end of the spring semester for those students who complete the requirements for graduation during the year or the summer session. Note: Transcripts from all colleges attended must be on file.

I. Major Requirements

See the *Instructional Programs* section of the SAC catalog.

II. General Education Requirements for the Associate Degree Plan A — 2010-2011

Note: A single course may be used to meet only one category requirement.

- A. NATURAL SCIENCES** (minimum 3 units)
- Anthropology 101, 101L
 - Astronomy 109, 110 or 110H, 140
 - Biology 109 or 109H, 109L, 115, 149, 159, 177, 200, 211, 239, 259
 - Chemistry 109, 119, 209, 210, 219 or 219H
 - Earth Science 110 or 110H, 115, 150 or 150H
 - Environmental Studies 140, 200, 259
 - Geography 101, 101L
 - Geology 101, 101L, 140, 150 or 150H, 201
 - Physical Science 117, 118
 - Physics 109, 210, 217, 279
 - Science 200

- B. SOCIAL AND BEHAVIORAL SCIENCES** (minimum 6 units)
- 1. American Institutions** (minimum 3 units)
History 118, 120 or 120H, 121 or 121H, 122
Political Science 101 or 101H
 - 2. Social Science Elective** (minimum 3 units)
Anthropology 100 or 100H
Criminal Justice 101
Economics 120, 121
Geography 100 or 100H, 102 or 102H
History 101 or 101H, 102 or 102H
Human Development 107, 110
Political Science 101 or 101H
Psychology 100 or 100H
Sociology 100 or 100H
- C. HUMANITIES** (minimum 3 units)
- Anthropology 104 or 104H
 - Art 100 or 100H, 101, 102, 105, 110
 - Dance 100 or 100H, 105
 - English 104 or 104H
 - Foreign Language:
 - Chinese 101, 102
 - French 101, 102, 201 or 201H, 202 or 202H
 - Japanese 101, 102
 - Spanish 101 or 101H, 102 or 102H, 201 or 201H, 202 or 202H
 - Vietnamese 101, 102
 - Interdisciplinary Studies 121, 200
 - Literature:
 - English 102 or 102H, 231, 232, 233ABCD, 241, 242, 270, 271, 272
 - Music 101 or 101H, 102 or 102H, 104, 110, 211
 - Philosophy 106 or 106H, 108, 112, 118
 - Sign Language 110, 111, 112, 116
 - TV/Video Communications 101, 103, 104, 105 or 105H
 - Theatre Arts 100, 103, 104, 105, 233ABCD
- D. CULTURAL BREADTH** (Three units required from D1 or D2)
- 1. Ethnic Studies / Women’s Studies**
Anthropology 104 or 104H, 125
Art 103, 104, 106
Asian American Studies 101
Black Studies 101
Chicano Studies 101
English 104 or 104H
E.S. Health Education 102
Ethnic Studies 101 or 101H, 102 or 102H
History 123, 124 or 124H, 125, 127, 146, 150, 151, 153, 163, 181
Human Development 221
Literature: English 245, 246, 278
Music 103
Nutrition and Food 118
Psychology 170
Sign Language 116
Speech Communication 103 or 103H, 206 or 206H
Women’s Studies 101, 102, 201
 - 2. International Perspective**
Anthropology 100 or 100H
Business 106 or 106H
Criminal Justice 209
Dance 105
English 271, 272
E.S. Professional 150
Geography 100 or 100H, 102 or 102H
Interdisciplinary Studies 117H
Music 102 or 102H
Philosophy 112
Theatre Arts 105

REQUIREMENTS CONTINUED ON NEXT PAGE ...

... PLANNING ...

ASSOCIATE DEGREE (continued)

II. General Education Requirements for the Associate Degree (continued)

E. LANGUAGE AND RATIONALITY (minimum 6 units)

1. English Composition (minimum 3 units)

Courses fulfilling the written composition requirement include both expository and argumentative writing. The English composition requirement may be met by completing English 101 or 101H with a grade of "C" or better.

2. Communication and Analytical Thinking (minimum 3 units)

Includes mathematics, logic, statistics, computer languages and programming and related disciplines.

Computer Science 100, 105, 111

Counseling 144

English 103 or 103H

Mathematics 080/081, 105, 140, 145, 150, 160, 170, 180 or 180H, 185, 219 or 219H, 280, 290, 295

Philosophy 110 or 110H, 111, 144

Reading 102, 150

Social Science 219 or 219H

Speech Communication 102, 140, 145

F. LIFELONG UNDERSTANDING & SELF-DEVELOPMENT

(minimum 3 units) **Note:** Take one course from each group.

No more than one (1) unit may be counted from F2.

1. Completion of one of the following:

Business 130

Counseling 100, 101, 116, 120, 124, 125, 128

E.S. Health Education 101, 102, 104, 120

E.S. Professional 125, 140

Family & Consumer Studies 120

Fashion Design Merchandising 103

Human Development 102, 107

Interdisciplinary Studies 111, 155

Library and Information Studies 100

Mathematics 030

Nutrition & Food 115 or 115H

Philosophy 111

Psychology 140, 230

Sociology 112

2. Completion of one of the following:

Dance 102, 201A, 201B, 206A, 206B, 219A, 219B

E.S. Activities 107, 123, 130, 132, 140, 150, 155, 160, 169, 170, 180, 185, 200, 210, 220, 226, 235, 240, 245, 260, 265, 270, 280, 290, 292

E.S. Adaptive Activities 201, 202, 205, 206, 208, 211, 220

E.S. Aerobic Fitness 140, 143, 144, 146, 150, 155, 156, 157, 158, 160

E.S. Aquatics 201, 204, 206, 207

E.S. Fitness 100, 101, 102, 103, 108, 109, 110, 115, 116, 119, 120, 145, 147

E.S. Intercollegiate Athletics 124, 125, 126, 127, 128, 150, 160, 170, 180, 200, 201, 202, 203, 204, 205, 206, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 231, 235

E.S. Off-Season Activities 130, 132, 140, 169, 210, 226, 230, 261, 262, 270, 280, 290

This requirement (F) is met for Fire, Nursing, and Occupational Therapy Assistant majors by completion of their major.

Note: A single course may be used to meet only one category requirement (A-F) in section II. However, a course may be used to meet both a required proficiency or computer requirement, as well as one of the categories of General Education Courses on Plan A. Courses which meet the requirements for Part II of Plan A at Santiago Canyon College will automatically meet the identical requirements for Part II of Plan A at Santa Ana College.

III. Lifelong Understanding and Self-Development

The college requires that students select three units from category F (see above) in addition to the minimum 21 units in Groups A, B, C, D, and E.

IV. Required Proficiencies

Courses listed in this requirement can also be used to meet General Education Requirements in groups A through F where appropriate. Courses taken to meet these proficiencies must be completed with a grade of C or better.

A. READING

1. Satisfactory score on the SAC/SCC Reading Placement Test at the time of initial placement testing, OR

2. Satisfactory score on a Reading Department Test, OR

3. Successful completion of any Reading course at the 100 level, OR

4. A "C" grade, or better in 9 units of general education courses for the Associate Degree in Areas A (Natural Sciences) - 3 units; B (Social and Behavioral Sciences) - 3 units each in B1 and B2.

B. MATHEMATICS

1. Completion of Mathematics 080/081 or any other 3 unit mathematics course numbered above the level of 080/081 **OR**

2. Score on the SAC/SCC mathematics placement test indicating placement in a mathematics course numbered above the level of 080/081.

C. ORAL COMMUNICATION

Completion of 3 units from the following: Speech Communication 101 **OR** 101H (Interpersonal Communication), Speech Communication 102 (Public Speaking), Speech Communication 140 (Argumentation and Debate), Speech Communication 145 (Group Dynamics), Speech Communication 152 (Oral Interpretation).

V. Computer Skills and Applications Requirement

Courses meeting the computer skills and applications requirement include the theories and concepts of computer technology and/or the applied technology of computers in various disciplines. Such courses will either focus on computer technology as a discipline or will focus on computer application programs as a major component of the course. This requirement is met by completing one of the following:

A. Completion of any of the following majors or programs which require courses in computer technology and/or applied technology:

Automotive Technology

Communications - Journalism Option Degree A-Print Journalism

Communications - Journalism Option Degree B-Broadcast Journalism

Diesel

Electronics

Engineering

Fashion Design Merchandising

Human Development

Library Technology

Manufacturing Technology

Music Degree

Nursing

Pharmacy Technology

TV/Video Communications Degree

B. Completion of one of the following courses with a grade of C or better:

Art 195

Business 150

Business Applications 179

Computer Science 100

Education 204, 205

Paralegal 120

C. Students may challenge courses under "B" above, through Credit by Examination. Students should plan to schedule a Credit by Examination test at least one semester prior to anticipated graduation. This will allow students to enroll in a course if exam is not passed. Students follow the Credit by Examination procedure listed in the catalog.

... PLANNING ...

ASSOCIATE DEGREE (continued) AND CERTIFICATE PROGRAMS

PROFICIENCY EXAMINATIONS FOR THE ASSOCIATE DEGREE

Students may satisfy the English writing, reading, and computational skills required for the Associate Degree by achieving a satisfactory score on the appropriate proficiency test in each skill area or by fulfilling other options as listed under the Associate Degree Requirements in the class schedule.

Students taking the proficiency examinations must be currently enrolled at Santa Ana College or Santiago Canyon College. Students who do not achieve a satisfactory score on the English Writing Proficiency Examination may not rechallenge that examination but must satisfactorily complete an approved course as listed in the graduation requirements.

READING PROFICIENCY EXAMINATION (I.D. required)

1. Contact the Reading Center, SAC Dunlap Hall, room 307 and make arrangements to take the Reading Proficiency Exam. Any questions call 714-564-6569

MATHEMATICS PROFICIENCY EXAMINATION

1. Contact the Math Study Center, SAC Library, room 204, and make arrangements to take the Math Department Proficiency Examination.

SANTA ANA COLLEGE RATES OF STUDENT PROGRESS

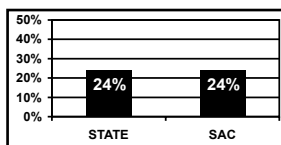
• STUDENT RIGHT-TO-KNOW ACT

The rates below are placed here in accordance with the federally mandated Student Right-To-Know Act.

Of the degree, certificate or transfer seeking first-time freshman students who entered Santa Ana College in Fall 2005, the "completion rate" represents those students who earned an Associates Degree, certificate of completion, or 56 UC/CSU transferable credits within three years.

2005 COHORT COMPLETION RATE

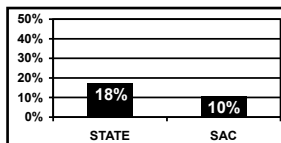
STATE	24%
SAC	24%



The "transfer rate" represents non-completer students who transferred to any other two- or four-year institution within three years.

2005 COHORT TRANSFER RATE

STATE	18%
SAC	10%



These rates do not represent the success rates of the entire student population at SAC nor do they account for student outcomes occurring after this three-year tracking period.

CERTIFICATE PROGRAMS

A certificate is a verification of competency in a particular occupational skill. Certificate programs normally include only those courses which have a direct bearing upon specialized occupational competency since the certificate has the sole objective of immediate employment in a specialized area. For this reason there is no general education requirement in a certificate program. Santa Ana College certificate programs leading to immediate employment are listed in the catalog. To qualify for a certificate of completion, a candidate must meet the following requirements:

1. **Courses:** Courses are designated for the specific certificate.
2. **Grades:** At least a C grade in each course required for the certificate, unless otherwise specified. Credit by Examination may also be used to gain credit for required courses.
3. **Pass/No Pass:** A pass/no pass course is acceptable toward the certificate if it is required for the certificate and (a) offered on a pass/no pass basis only or (b) if the pass/no pass is earned on the basis of credit by examination.
4. **Residency:** Twelve units completed at SAC/SCC. (At least six of the units must be in courses required for the certificate, unless otherwise noted in the catalog.)
5. **Petition:** Petition for certificate filed by the student with the Office of Admissions and Records.



SAC IS TOBACCO-FREE

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

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

AlertU

MORE EDUCATIONAL OPTIONS ...

CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH REQUIREMENTS (CSU GE)

Plan B: 2010–2011 Santa Ana College

These requirements apply to all students. Students planning to graduate from one of the 23 campuses of the California State University must complete 48 semester units in general education breadth courses. A student may complete 39 units of general education at either college in the Rancho Santiago Community College District prior to transfer. Nine semester units of general education coursework must be completed at the upper division level after transfer.

CERTIFICATION OF GENERAL EDUCATION

1. Santa Ana College is authorized to certify a maximum of 39 general education units.
2. No more than 30 semester units may be certified for areas B through D combined which are described in the next section.
3. Credit/No Credit grades are accepted for certification in all areas, however they are not recommended for transfer credit in basic skill areas. (A. Communication in the English Language and Critical Thinking, A1, A2, and A3; and B. The Physical Universe and Its Life Forms, B4.) In addition, letter grades may be recommended or required for specific courses in a given major. Each CSU campus may also limit the total number of units graded credit.
4. A single course may not meet more than one general education requirement.
5. Requests for certification should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. (Please check deadlines.)
6. Certification of coursework from other colleges will only be granted to students whose last community college of attendance prior to transfer is Santa Ana.
7. Courses taken at other California community colleges will be applied to the subject areas in which they were listed by the institution where the work was completed.
8. Courses taken at other regionally accredited private/out of state institutions (which do not maintain a CSU certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Courses completed at foreign institutions are not acceptable for certification. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet General Education Breadth requirements will be honored **if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2010 and are valid through Summer 2011.**

TRANSFER CREDIT

1. Students may transfer up to 70 semester units to the CSU system. Sixty transferable units are needed for junior standing.
 2. All courses used for CSU transfer credit must be numbered 100 or above in the SAC catalog.
- A. English Language Communication and Critical Thinking** (minimum 9 units)
The 9 units selected from this area must include at least one course each from A1, A2, and A3. Each course must be completed with a grade of "C" or better. (C minus is not acceptable.)
- A1: Oral Communication**
Speech Communication 101 or 101H, 102, 103 or 103H, 140, 145
- A2: Written Communication**
English 101 or 101H
- A3: Critical Thinking**
Counseling 144
English 103 or 103H
Philosophy 110 or 110H, 111, 144
Reading 150
Speech Communication 140

- B. Scientific Inquiry and Quantitative Reasoning** (minimum 9 units) The 9 units selected from this area must include at least one course each from B1, B2, and B4. The 9 units must also include a corresponding lab component. (Lab classes are in **bold**.) Courses in B4 must be completed with a grade of "C" or better. (C minus is not acceptable.)

B1: Physical Science

Astronomy 109, 110 or 110H
Chemistry **109, 119, 209, 210, 219 or 219H**
Earth Science 110 or 110H, **115, 150 or 150H**
Environmental Studies 140
Geography 101
Geology 101, 140, 150 or 150H, **201**
Physical Science **115, 117**
Physics **109, 210, 211, 217, 279**

B2: Life Science

Anthropology 101
Biology 109 or 109H, **115, 139, 149, 159, 177, 211, 212, 214, 229, 239, 259**
Environmental Studies **259**

B3: Laboratory Activity

Anthropology **101L**
Astronomy **140**
Biology **109L, 115, 139, 149, 211, 212, 214, 229, 239, 259**

Chemistry **109, 119, 209, 210, 219 or 219H**

Earth Science **115**
Environmental Studies **259**

Geography **101L**

Geology **101L, 201**

Physics **109, 210, 211, 217, 279**

Physical Science **115, 118**

B4: Mathematics/Quantitative Reasoning

Courses must be completed with a grade of "C" or better.
Mathematics 105, 140, 145, 150, 160, 170, 180 or 180H, 219 or 219H
Social Science 219 or 219H

- C. Arts and Humanities** (minimum 9 units) This area must include one course from C1 and one course from C2.

C1: Arts (Arts, Cinema, Dance, Music, Theatre)

Art 100 or 100H, 101, 102, 103, 104, 105, 106, 108
Dance 100 or 100H, 102, 105
English 233A, 233B, 233C, 233D
Interdisciplinary Studies 121
Music 101 or 101H, 102 or 102H, 103, 104, 211
Photography 150
TV/Video Communications 103, 104
Theatre Arts 100, 101, 103, 104, 105, 106, 233A, 233B, 233C, 233D

C2: Humanities (Literature, Philosophy, Languages Other than English)

Chinese 101, 102,
English 102 or 102H, 206, 220, 231, 232, 233A, 233B, 233C, 233D, 241, 242, 243, 245, 246, 270, 271, 272, 278
French 101, 102, 201 or 201H, 202 or 202H
History 101 or 101H, 102 or 102H, 150, 151, 153, 163
Interdisciplinary Studies 200
Japanese 101, 102
Philosophy 106 or 106H, 108, 112, 118
Sign Language 110, 111, 112, 116
Spanish 101 or 101H, 102 or 102H, 195A, 195B, 201 or 201H, 202 or 202H
Theatre Arts 233A, 233B, 233C, 233D
Vietnamese 101, 102

- D. Social Sciences** (minimum 9 units) The 9 units selected from this area must include courses from at least 2 different subareas.

D1: Anthropology and Archeology

Anthropology 100 or 100H, 103, 104 or 104H, 105, 125
English 104 or 104H
History 105, 125

D2: Economics

Economics 120, 121

Planning to Transfer?

www.assist.org

assist

Your official source for California articulation and student transfer information.

D3: Ethnic Studies

Anthropology 125
Asian American Studies 101
Black Studies 101
Chicano Studies 101
English 245, 278
Ethnic Studies 101 or 101H, 102 or 102H
History 123, 124 or 124H, 125, 146, 146
Psychology 170

D4: Gender Studies

English 245, 278
History 127, 181
Speech Communication 206 or 206H
Women's Studies 101, 102, 201

D5: Geography

Geography 100 or 100H, 102 or 102H,

D6: History

Anthropology 105, 125
History 101 or 101H, 102 or 102H, 105, **118, 120 or 120H, 121 or 121H, 122, 123, 124 or 124H, 125, 127, 133, 146, 150, 151, 153, 163**

D7: Interdisciplinary Social or Behavioral Science

Biology 200
Computer Science 100
Counseling 150
Environmental Studies 200
E.S. Professional 150
Human Development 107, 110
Interdisciplinary Studies 117H, 155
Science 200
Speech Communication 103 or 103H
TV/Video Communications 105 or 105H

D8: Political Science, Government, and Legal Institutions

Political Science **101 or 101H, 200 or 200H, 201, 220,**

D9: Psychology

Human Development 107
Psychology 100 or 100H, 140, 157, 170, 200, 219, 230, 240, 250
Sociology 240

D10: Sociology and Criminology

Criminal Justice 101
Sociology 100 or 100H, 112, 140 or 140H

NOTE: The CSU Graduation Requirement in UNITED STATES HISTORY, CONSTITUTION AND AMERICAN IDEALS may be met by completing Political Science 101 or 101H and one U.S. History course from the following: History 118, 120 or 120H, 121 or 121H, 122, 123, 124 or 124H, 127, 146. These courses (in **bold** in D6 above) may also be used to meet 6 of the 9 Area D unit requirements.

E. Lifelong Learning and Self-Development

(minimum 3 units) Three units should be selected from below with no more than one unit from E2. Three units of credit are allowed in E for former military personnel with a DD-214.

E1:

Counseling 100, 116, 120, 124, 125, 128
E.S. Health Education 101, 102, 104, 120
E.S. Professional 125
Family & Consumer Studies 120
Human Development 107, 229
Interdisciplinary Studies 155
Nutrition and Food 115 or 115H
Psychology 140, 157, 230
Sociology 112
Speech Communication 104

E2:

E.S. Activities 107, 130, 132, 140, 150, 155, 160, 169, 170, 180, 185, 200 210, 220, 226, 235, 240, 245, 260, 265, 270, 280, 290, 292
E.S. Adapted Activities 201, 202, 205, 206, 208, 211, 220
E.S. Aerobic Fitness 140, 143, 144, 150, 155, 156, 158, 160
E.S. Aquatics 201, 204, 206
E.S. Fitness 100, 101, 102, 110, 115, 116, 120, 145, 147, 170
E.S. Intercollegiate Athletics 124, 125, 126, 127, 128, 201, 202, 203, 204, 205, 206, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) Plan C: 2010–2011 Santa Ana College

Planning to Transfer?

www.assist.org

assist

Your official source for California articulation
and student transfer information.

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from Santa Ana College to a campus in either the CALIFORNIA STATE UNIVERSITY or the UNIVERSITY OF CALIFORNIA system without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

- It is generally recommended that students complete all requirements for IGETC prior to transfer. Students may obtain partial certification however by completing all but 1-2 courses. Consult a counselor for additional information.
- Complete all courses used for IGETC certification with a minimum grade of C (C minus is not acceptable).** A "credit" is acceptable providing it is equivalent to a grade of C or higher. The catalog must reflect this policy.
- Request certification from the last California community college you attend prior to transfer to CSU or UC. Requests should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. (Please check deadlines.)
- Prior to requesting certification, have all official transcripts on file from every high school and college you have attended.
- Courses taken at other California community colleges will be applied to the subject areas in which they are listed by the institution where the work was completed.
- Courses taken at other regionally accredited private/out of state institutions (which do not maintain an IGETC certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Equivalency is determined by Santa Ana College faculty. Petitions are available from Counseling and must be accompanied by the appropriate documentation. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information.
- Courses completed at foreign institutions (without U.S. regional accreditation) are not acceptable except for certification of competence in a language other than English.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet IGETC requirements will be honored if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2010 and are valid through Summer 2011.

AREA 1 - ENGLISH COMMUNICATION

CSU: 3 courses required, one from each group.

UC: 2 courses required, one each from Group A & B.

Group A: English Composition

1 course, minimum 3 units.

English 101** or 101H**.

Group B: Critical Thinking-English Composition

1 course, 3 semester units.

English 103** or 103H** or Philosophy 110** or 110H**.

Group C: Oral Communication (CSU ONLY)

1 course, 3 semester units.

Speech Communication 102, 103** or 103H**, 140, 145.

AREA 2A - MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING

1 course, 3 semester units.

Math 105, 140**, 145, 150**, 170**, 180** or 180H**, 185, 219** or 219H**, 280; Social Science 219** or 219H**.

AREA 3 - ARTS & HUMANITIES

3 courses, 9 semester units, with at least one course from Group A and one course from Group B.

Group A: Arts (minimum 1 course)

Art 100** or 100H**, 101, 102, 103, 104, 105, 106, 108

Dance 100** or 100H**, 102, 105

Music 101** or 101H**, 102** or 102H**, 103, 104, 111, 211

Photography 150

Television/Video Communications 103, 104

Theatre Arts 100, 101, 103, 104, 105, 106.

Group B: Humanities (minimum 1 course)

Chinese 102

English 102** or 102H**, 206, 220, 231, 232, 233A or 233B or

233C or 233D, 241, 242, 243, 245, 246, 271, 272, 278

French 102, 201** or 201H**, 202** or 202H**

History 101** or 101H**, 102** or 102H**, 150, 151, 153,

163*

Interdisciplinary Studies 200

Japanese 102

Philosophy 106** or 106H**, 108, 112, 118

Sign Language 111, 112, 116

Spanish 102** or 102H**, 195A, 195B, 201** or 201H**, 202** or 202H**

Theatre Arts 233A or 233B or 233C or 233D

Vietnamese 102.

AREA 4 - SOCIAL & BEHAVIORAL SCIENCES

3 courses, 9 semester units from at least 2 disciplines or an interdisciplinary sequence.

Anthropology 100** or 100H**, 103, 104** or 104H**, 105, 125

Asian American Studies 101

Biology 200

Black Studies 101

Chicano Studies 101

Criminal Justice 101

Economics 120, 121

English 104** or 104H**

Environmental Studies 200

Ethnic Studies 101** or 101H**, 102** or 102H**

Geography 100** or 100H**, 102** or 102H**

History 105, 118, 120** or 120H**, 121** or 121H**, 122**, 123, 124** or 124H**, 125, 127, 133, 146, 163*, 181

Human Development 107**

Interdisciplinary Studies 117H, 155

Political Science 101** or 101H**, 200** or 200H**, 201, 220

Psychology 100** or 100H**, 140, 157**, 170, 200, 219, 230, 240, 250

Science 200

Sociology 100** or 100H**, 140** or 140H**, 240

Speech Communication 206** or 206H**

TV/Video Communications 105** or 105H**

Women's Studies 101**, 102, 201**.

AREA 5 - PHYSICAL & BIOLOGICAL SCIENCES

2 courses, 7-9 semester units with one Physical Science course and one Biological Science course; at least one must include a corresponding laboratory (indicated by "L" in parentheses).

Group A: Physical Science (1 course)

Astronomy 109, 110** or 110H**, 140(L)

Chemistry 109(L)**, 119(L)**, 209(L)**, 210(L), 219(L)** or 219H(L)**, 229(L)

Earth Science 110** or 110H**, 115(L), 150** or 150H**

Environmental Studies 140

Geography 101**, 101(L)

Geology 101**, 101(L), 140, 150** or 150H**, 201(L)

Physical Science 115(L), 117**, 118(L)**

Physics 109(L)**, 210(L)**, 211(L)**, 217(L)**, 227(L)**, 237(L)**, 279(L)**, 289(L)**.

Group B: Biological Science 1 course)

Anthropology 101, 101(L)

Biology 109** or 109H**, 109(L), 115(L), 139(L)**, 177, 211(L), 212(L), 214(L), 229(L)**, 239(L), 249(L), 259(L)

Environmental Studies 259(L).

AREA 6A - LANGUAGE OTHER THAN ENGLISH (U.C. ONLY)

Satisfactory completion of two years of high school coursework in one language other than English with grades of "C-" or better**;

OR

completion of one of the following: Chinese 101, French 101, Japanese 101, Sign Language 110, Spanish 101 or 101H, or Vietnamese 101;

OR

satisfactory completion, with "C" grades or better, or two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English;

OR

satisfactory score in examinations of languages other than English: 3 or higher on College Board Advanced Placement Examinations, 5 or higher on International Baccalaureate Higher Level Examinations; SAT II: subject tests (see a counselor for required scores); A, B, or C on "O" Level exam; 5,6, or 7 on "A" Level exam;

OR

satisfactory completion of an achievement test administered by a college in language other than English equivalent to two years of high school language. If an achievement test is not available a SAC faculty member may verify competency.

AMERICAN INSTITUTIONS REQUIREMENT

(Not part of IGETC. May be completed prior to transfer.)

CSU has a United States History, Constitution, and American Ideals graduation requirement that is separate from IGETC. Courses used to meet the CSU requirement can also be used in Area 3 or 4, although this is at the discretion of each CSU campus. To meet the CSU requirement, students should take Political Science 101** or 101H** AND one of the following courses: History 118, 120**, 120H**, 121**, 121H**, 122**, 123, 124**, 124H**, 127, 146.

UC has an American History and Institutions graduation requirement. UC requires the completion of a college course or courses with a grade of "C" or better OR a one-year course in high school in U.S. history or a half-year course in U.S. history and a half-year course in American government with grades of "C" or better (UCLA requires grades of "B"). UCSB requires the completion of a college course. If you are using college coursework to satisfy this requirement, check the appropriate UC catalog to determine which course(s) to take.

* Courses designated with an asterisk may be counted in one area only.

** Indicates that transfer credit may be limited by either UC or CSU or both. Please consult with a counselor for additional information.

*** High School transcript must be on file in the admissions office. Please consult with a counselor for additional information.

(L) Designates courses with a laboratory.

Do you know where your

STUDENT SERVICES FEES

go?

Your fees go to fund these programs and services or to give you discounts:

- Amusement Park Discounts
- ASG Book Loan Program
- Athletic Event Discounts
- Gameroom
- Inter Club Council
- Math Study Center
- Movie Theatre Discounts
- Student Activities Office
- Student Leadership Programs (ASG)
- Transfer Center
- Tutorial Center

Additionally, the Student Services Fee supports academic, cultural, and social programs and activities.

Student Activities for Fall 2010

Sponsored by Associated Student Government (ASG) and Inter-Club Council (ICC) of Santa Ana College

AUGUST

ASG APPLICATIONS AVAILABLE

SEPTEMBER

WELCOME BACK EVENTS

NATIONAL HISPANIC HERITAGE MONTH

MEXICAN INDEPENDENCE DAY

CLUB RUSH

CONSTITUTION DAY

OCTOBER

BLOOD DRIVE

RED RIBBON WEEK

HALLOWEEN FESTIVITIES

STUDENT LEADERSHIP INSTITUTE

NOVEMBER

HOMECOMING WEEK

NATIVE AMERICAN HERITAGE MONTH

HOLIDAY DRIVE

INTERNATIONAL FESTIVAL

DECEMBER

WORLD AIDS DAY

OPERATION SANTA

ASSOCIATED STUDENTS RECOGNITION

CEREMONY

SANTA ANA COLLEGE FOUNDATION

Established in 1968 and reactivated in 1998, the Santa Ana College Foundation is a non-profit 501(c)3 organization. The Foundation's mission is to maintain, expand and enhance the educational opportunities at Santa Ana College by linking community organizations, businesses, funding sources, alumni and staff, thus preserving our near century of "A History of Success, A Future of Promise."

Here are some ways you can get involved:

- Help strengthen the Foundation and assist with the college's greatest funding priorities with a gift to our unrestricted fund.
- Donate to the General Scholarship Fund or start your own scholarship to help continuing, transferring and incoming students.

- Support the Ed Arnold Golf Classic to assist the Athletic Hall of Fame and student-athletic scholarships.
- Help ignite the mind of a child with a gift to the "Pathways to the Stars" endowment fund that helps to bring over 16,000 youth to our Tessmann Planetarium for educational programs.
- You can "Leave your Legacy" at SAC through a planned gift for the endowment fund or restricted purpose of your choice.

Please visit our web site at <http://www.sac.edu/community/foundation.htm> or call us at 714-564-6091 to learn more about the Santa Ana College Foundation.

SANTA ANA COLLEGE SCHOOL OF CONTINUING EDUCATION FALL 2010 CLASS SCHEDULE FREE CLASSES! ENROLL NOW!

SEMESTER BEGINS AUGUST 30

ENJOY CONTINUOUS ENROLLMENT THROUGHOUT THE SEMESTER

*The first step
toward a better future.*



**Santa Ana College
School of
Continuing Education**

Free Classes for adults

- Adult Basic Education (ABE)
- California High School Exit Exam (CAHSEE) Preparation
- Citizenship
- Community Learning Center
- Computer Applications
- Computer Basics
- English as a Second Language (ESL)
- General Education Development (GED)
- Test Preparation
- Adult High School Diploma Program
- Office Employment Training Program
- Skills for Success
- Older Adult
- Parent Education
- Spanish Literacy

Saturday Classes Are Available!

714-241-5700

Classes Start August 30! Enroll Today!



CENTENNIAL EDUCATION CENTER

2900 W. Edinger, Santa Ana CA 92704

714-241-5700



FALL SEMESTER 2010

Registration Begins August 16
 Instruction Begins August 30
 Labor Day (holiday) September 6
 Veterans' Day (holiday) . . . November 12
 Thanksgiving (holiday) . . November 25-27
 Instruction Ends December 18

SANTA ANA COLLEGE SCHOOL OF CONTINUING EDUCATION

HOW TO REGISTER FOR FREE CLASSES

Registration for Tuition-Free, Noncredit Courses for Adults begins December 28, 2009. Students are registered on a first-come, first-served basis. Registration may be done in person at the location throughout the semester:

ENROLL NOW!

CENTENNIAL EDUCATION CENTER

2900 W. Edinger, Santa Ana, CA 92704
714-241-5700

REGISTRATION HOURS:

Monday–Thursday 8:00 a.m.–9:00 p.m.
Friday 8:00 a.m.–1:00 p.m.
Saturday 8:00 a.m.–12:00 p.m.

Hours are subject to change without notice. Please contact the admissions office for a current time schedule.

WHAT IS CONTINUING EDUCATION?

The School of Continuing Education offers academic, vocational, basic skills and personal enrichment programs to adults. Day, evening and Saturday classes are offered at convenient locations throughout the city of Santa Ana.

WHO CAN ATTEND?

Individuals 18 years or older may attend. Students currently enrolled in high school, who wish to attend continuing education courses, must present a Petition for Registration form signed by their high school principal, counselor and parent. Forms are available at registration offices. Students may register for courses throughout the semester.

INSTRUCTIONAL PROGRAMS OFFERED

ADULT BASIC EDUCATION (ABE)

Provides adult learners the opportunity to build a strong foundation in reading, writing, language and math skills. Recommended for ESL Intermediate I and higher.

CALIFORNIA HIGH SCHOOL EXIT EXAM (CAHSEE) PREPARATION

Our program offers instruction to prepare high school students to successfully pass the CAHSEE exam.

CITIZENSHIP

Provides basic knowledge of local, state and federal government in preparation for the United States citizenship examination, including language development within the context of history and government.

COMMUNITY LEARNING CENTER

Provides adult learners of all English levels the opportunity to improve their English skills, learn about civics, citizenship and computer literacy, through individualized, small group and computer-based instruction.

COMPUTER APPLICATIONS

Provides instruction on current computer applications used in the workplace. Some courses are taught in both English and Spanish.

COMPUTER BASICS

Hardware and software instruction and “hands-on” experience in troubleshooting, repairing, maintaining and upgrading computers. Provides review and practice for taking the A+ Certification Test.

ENGLISH AS A SECOND LANGUAGE (ESL)

Provides seven levels of instruction in English language development, including listening, speaking, reading and writing for adults. Additional classes include pronunciation, conversation and writing.

ESL/FAMILY LITERACY

Provides English language development and a family literacy focus on helping children with reading and homework.

FAMILY CHILD CARE PROVIDERS TRAINING

Teaches students to establish and maintain a successful home-based child care business. Classes are offered in English/Vietnamese and Spanish.

GED TEST PREPARATION

Prepares adults to pass the GED high school equivalency exam. This course is also offered in Spanish.

ADULT HIGH SCHOOL DIPLOMA PROGRAM

Provides all classes necessary to obtain a high school diploma through both traditional and individualized instructional methods.

OFFICE EMPLOYMENT TRAINING PROGRAM

Prepares students for employment, focusing on a combination of general workforce preparation skills and specific office training.

OLDER ADULT

Provides a variety of classes specifically for the older adult population in various community locations.

PARENT EDUCATION

Provides information and skills regarding parenting topics such as childbirth preparation, communication, discipline and the U.S. school system.

SKILLS FOR SUCCESS PROGRAM

Provides reading, writing, math, and workforce preparation instruction with strong counselor and tutoring support for ABE, high school, and intermediate ESL students.

SPANISH LITERACY

This program offers Spanish-speaking students the opportunity to improve basic skills in their native language, so they can persist and succeed in ESL and other academic and vocational courses in English.

STUDENT SERVICES & PROGRAMS

CALWORKS

Provides counseling and assistance to all CalWORKs eligible students.

CHILD DEVELOPMENT PROGRAM

Provides early childhood education while parents pursue their education.

COUNSELING DEPARTMENT

Assist diverse students by providing academic guidance, personal and career counseling to achieve their lifelong goals.

DISABLED STUDENT PROGRAMS AND SERVICES

Assist students who have average or above average potential for learning and who exhibit difficulties in at least one academic area. Students who qualify may enroll in the Learning Skills Program and receive various services.

STUDENT DEVELOPMENT

Provides students with opportunities to participate in leadership training classes, student association, clubs, student conferences, celebrations and other activities.

STUDENT OUTREACH

Provide outreach services to the community and assists with student recruitment.

CITIZENSHIP PROGRAM

The Citizenship Program strives to improve naturalization services to legal permanent residents in Orange County. This is accomplished through outreach, free educational classes and citizenship preparation workshops, which are open to the community. All services provided meet the requirements of the United States Citizenship and Immigration Services (USCIS) agency.

RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

SANTA ANA COLLEGE • SANTIAGO CANYON COLLEGE

MAJOR SITES

- 1 RSCCD Operations Center2323 N. Broadway.....Santa Ana
- 2 Santa Ana College (SAC)1530 W. 17th Street.....Santa Ana
- 3 Santiago Canyon College (SCC).....8045 E. Chapman Avenue.....Orange
- 4 SCC Orange Education Center (OEC)1465 N. Batavia StreetOrange
- 5 Centennial Education Center (CEC).....2900 W. Edinger AvenueSanta Ana
- 6 Orange County Sheriff’s Department Training Center (OCST).....1900 W. Katella Avenue.....Orange
- 7 Orange County Sheriff’s Regional Training Academy (CJTC).....15991 Armstrong Ave.....Tustin
- 8 Digital Media Center (DMC)1300 S. Bristol StreetSanta Ana
- 9 Joint Powers Training Center (JPTC CN).....18301 GothardHuntington Beach
- 10 Orange County Probation Department.....1001 S. Grand AvenueSanta Ana

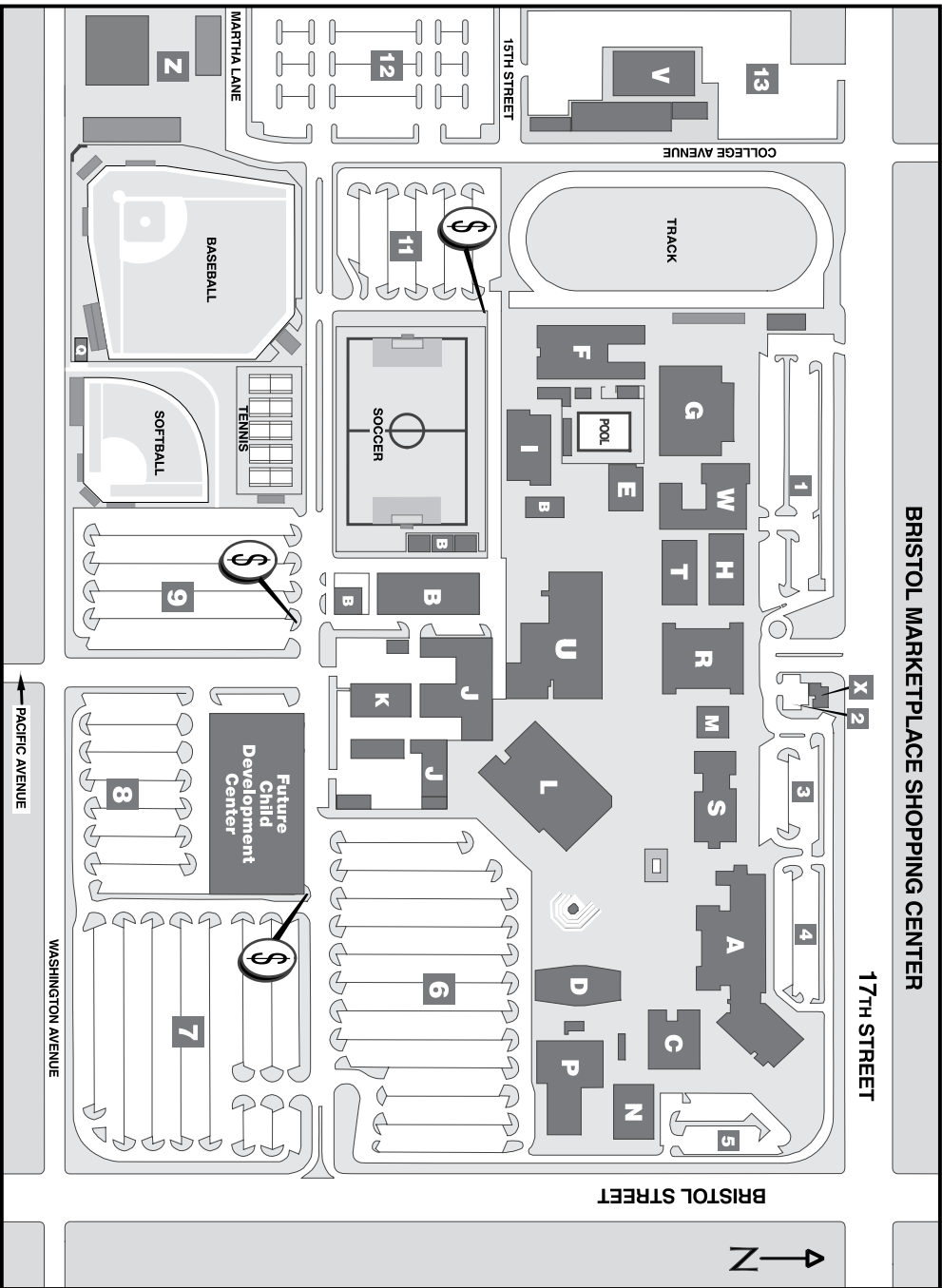


SANTA ANA COLLEGE

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

SAC FACILITIES AND LOCATIONS

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



(Tobacco use permitted in parking lots only.)

SAC PARKING

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

Ⓢ Permit Dispenser (\$2.00 for 8 hours)