



SANTA ANA COLLEGE

Spring 2010

Schedule of Classes • **sac.edu**

Spring Semester starts February 8, 2010

Santiago Canyon College classes on reverse side

Rancho Santiago Community College District Board of Trustees

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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.

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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 \$16.00 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.

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Santa Ana College

SPRING 2010 COLLEGE CREDIT (February 8 – June 6, 2010)

CLASS SCHEDULE

ADMISSIONS HOURS (see page 58 for Registration hours)

Monday – Thursday.....8:00 AM – 6:45 PM	The college is closed December 21–31, 2009 and January 1–3, 2010
Friday.....8:00 AM – 4:30 PM	❖ Office hours subject to change
Saturday (February 20 only)8:30 AM – 12:30 PM	

REGISTRATION CALENDAR

- December 1–February 6, 2010.....Online registration for CONTINUING students
- January 5–February 6, 2010.....New and returning students view your registration appointment online.
- February 1–February 6, 2010.....CAP (concurrent K–12) students register online
- February 8–April 10, 2010.....Registration for late-starting classes continues online

INSTRUCTIONAL CALENDAR

- February 8, 2010.....Instruction begins for Spring classes (full semester) and first GR8 Weeks session
- April 12, 2010.....Second GR8 Weeks classes begin
- June 1–6, 2010.....Final Exams Week

CLASS ADD OR DROP DEADLINES

- February 20, 2010.....Last date to add a class with instructor signature (2/20/10) – (8:30 AM – 12:30 PM only in S-101)
- February 21, 2010.....Last date to drop a full-semester class and not owe fees
Not full-semester courses = 10% of the course.
- February 21, 2010.....Last date to drop a full-semester class and NOT receive a “W” grade
- March 21, 2010.....Late date to drop a first GR8 Weeks class with a “W” grade.
Courses less than 8 weeks = 75% of the course.
- April 16, 2010.....Last date to add a second GR8 Weeks class with instructor signature
- May 9, 2010.....Last date to drop a full-semester class with a “W” grade
- May 23, 2010.....Late date to drop a second GR8 Weeks class with a “W” grade
Courses less than 8 weeks = 75% of the course.

ACADEMIC FORM DEADLINES

- February 26, 2010.....Last date to file pass/no pass for first GR8 Weeks classes
- March 12, 2010.....Last date to file pass/no pass for full-semester classes
- March 12, 2010.....Last date to petition for CSU and IGETC
- March 12, 2010.....Last date to petition for June certificates
- March 12, 2010.....Last date to petition for June graduation
- April 26, 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.)

- January 1, 2010 (Friday).....New Year’s
- January 18, 2010.....Martin Luther King
- February 12–15, 2010.....President’s Holidays
- March 31, 2010.....Cesar Chavez
- April 5–11, 2010.....Spring Break
- May 31, 2010.....Memorial Day

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	Larry Johnston	SAC, Exercise Science Building, W-102	714-564-6900
Bookstore	Bookstore 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>	Debbie McBee	SAC, across street west of campus at 1720 W. 17th St., Santa Ana	714-564-6894
<i>Santa Ana College East Campus</i>	Susan Wahl	1510 N. Parton, Santa Ana	714-564-6952
<i>Centennial Education Center</i>	Veronica MacKenney	CEC, 2900 W. Edinger, Santa Ana	714-241-5739
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	George Troxil	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 58)	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-118	714-564-6106
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
EMERGENCY	SAC District Safety Staff	SAC, Security/Safety Building, X-100	714-564-6333

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 98.

TO CONTACT OR LEARN ABOUT . . .	ADMINISTRATOR/CONTACT	LOCATION	TELEPHONE
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-201	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	714-564-6019
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-103	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 Fall 2009 may complete registration by computer.
- **New Students and Former (Returning) Students**
Students enrolling for the first time or who are returning after **not** attending Fall 2009 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 both the CAP form and the cover letter signed by your 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 Fall 2009 semester.

EARLY REGISTRATION FOR CONTINUING STUDENTS:

- **Online registration (see page 8) is available for continuing students. Priority is based on units completed at the end of Summer 2009 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 file your admission application online via CCC Apply.
- 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 10 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 (Feb. 8 to Feb. 20)

- **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 February 21, 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 February 20, 2010 for full-term classes.**

To Avoid Fees, drop online Dec. 1 – Feb. 21

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 DECEMBER 1, 2009.

Prior to 2/1/10, please go to Admissions in S-101 for assistance.

Call 714-564-6007 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, February 21, 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 by SUNDAY, FEBRUARY 21 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, February 21!**

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



SPRING 2010 REGISTRATION

is available for continuing students enrolled at SAC during Fall 2009. 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 9 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 Spring 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: \$190.00 per unit in addition to the per enrollment fee for out of state residents and \$205.00 per unit in addition to the per enrollment fee for students who are a citizen of a foreign country. Refer residency questions to the Admissions office..

HEALTH FEE

A health fee of \$17.00 per semester (\$8.50 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 67 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 (Monday-Friday). 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			
\$190	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 refund to card for all credit card payments, cash refund for cash payments, cash refund for check payments after 14 calendar days from the date of cash register receipt for full semester classes.

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

Students who withdraw from full semester classes by Sunday, February 21, or by 10% of a course less than a semester in length, may request a 100% refund.

Refunds for eligible students should be requested in person by visiting the registration area or the Cashier's Office at SAC. REFUNDS ARE NOT ISSUED BY MAIL.

REFUND OF Non-Resident Tuition

Students who withdraw from full-semester classes by Sunday, February 21, 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.

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..

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.

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 official copies of placement test results in English, reading, and/or math to the Counseling 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). 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 Spring semester begins January 4, 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 SPRING 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
Monday, January 4	9:00 am	10:30 am		
Tuesday, January 5			9:00 am	10:30 am
Wednesday, January 6	9:00 am	10:30 am		
Monday, January 11	6:00 pm	7:30 pm		
Tuesday, January 12			9:00 am	10:30 am
Wednesday, January 13	9:00 am	10:30 am		
Thursday, January 14	9:00 am	10:30 am		
Tuesday, January 19			9:00 am & 6:00 pm	10:30 am & 7:30 pm
Wednesday, January 20	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Thursday, January 21	9:00 am	10:30 am		
Monday, January 25	6:00 pm	7:30 pm		
Tuesday, January 26			9:00 am & 6:00 pm	10:30 am & 7:30 pm
Wednesday, January 27	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Thursday, January 28	9:00 am	10:30 am		
Monday, February 1	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, February 2	6:00 pm	7:30 pm	9:00 am	10:30 am
Wednesday, February 3	9:00 am	10:30 am		

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 January 24 and February 4, 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 SPRING 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, June 6. 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, JUNE 10, 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 58 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 educacionales 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 Sunday, February 21 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 February 21, 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 February 22 and May 9, 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 March 12, 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! 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:

- SPRING semester grades are due in the Admissions office on Thursday, June 10, 2010.
- FALL semester grades will be available after Tuesday, January 5, 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

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

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.

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Use of tobacco-related products is
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psi BUSINESS SEMINARS FOR COLLEGE CREDIT

General Management • Communication • Computer Skills

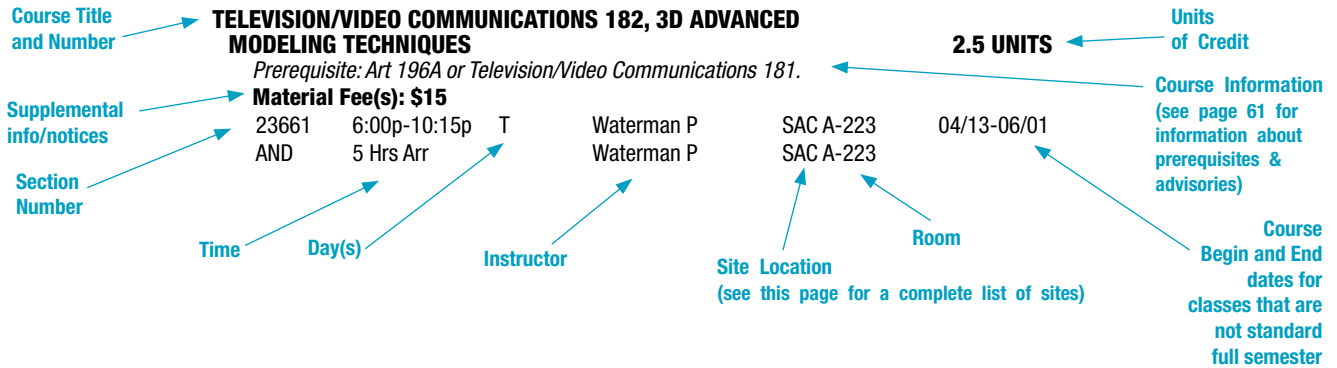
Office Management • Self Improvement • Small Business/Entrepreneur

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.



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 22.



ONLINE CLASSES – Look for the Online class symbol in the schedule or check the complete list on pages 18–21.



TV CLASSES – Look for the TV class symbol in the schedule or check the complete list on page 21.



OFF CAMPUS FIELD TRIPS – Look for the Field Trip symbol for classes that include field trips and read the policy on page 12.



FUTURE TEACHERS – Content of interest to future teachers



WEEKEND CLASSES – Classes offered Friday evenings, Saturday, and Sunday or check the complete list on page 16.

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 72



SPRING 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	27796	8:00a-12:20p	Sa	Muise M	SAC A-209 Full Semester
ANTH	100	27530	6:00p-9:10p	F	Evans T	SAC A-210 04/16-06/06
	AND		9:00a-12:10p	Sa	Evans T	SAC A-210
ART	009	28548	12:30p-3:40p	Sa	Staff	SAC C-105 Full Semester
ART	098	28650	9:00a-4:30p	Sa	Waterman P	SAC A-223 04/10-04/10
ART	100	27735	6:00p-10:05p	F	Redfield M	SAC A-130 04/16-05/22
	AND		12:30p-4:35p	Sa	Redfield M	SAC A-130
ART	130	28272	9:00a-3:50p	Sa	Hower T	SAC C-210 Full Semester
ART	151	28547	9:00a-3:40p	Sa	Staff	SAC C-105 Full Semester
ART	164	28561	4:00p-10:10p	F	Caron L	DMC-104 Full Semester
ART	182	28583	9:00a-4:10p	Sa	Monroe J	SAC C-106 Full Semester
ART	196A	30816	9:00a-2:00p	F	Waterman P	SAC A-223 Full Semester
	AND		9:00a-1:00p	Sa	Waterman P	SAC A-223
ART	230	28275	9:00a-3:50p	Sa	Hower T	SAC C-210 Full Semester
ART	233	28276	9:00a-3:50p	Sa	Hower T	SAC C-210 Full Semester
ART	282	28588	9:00a-4:10p	Sa	Monroe J	SAC C-106 Full Semester
ART	283	28594	9:00a-4:10p	Sa	Monroe J	SAC C-106 Full Semester
AUTO	085	29831	5:30p-10:50p	F	Wilkes D	SAC J-102 Full Semester
BANK	010	29244	9:00a-2:50p	Sa	Trabant T	SAC A-207 02/20-03/27
BANK	010	29245	9:00a-2:50p	Sa	Trabant T	SAC A-207 04/17-05/22
BIOL	109	28591	9:00a-12:10p	Sa	Staff	SAC R-128 Full Semester
BIOL	109L	28665	12:30p-3:40p	Sa	Grewall M	SAC R-202 Full Semester
BIOL	109L	28664	3:30p-6:40p	F	Staff	SAC R-202 Full Semester
BIOL	239	28754	8:30a-11:40a	Sa	Dibernardo L	SAC R-126 Full Semester
	AND		12:30p-3:40p	Sa	Dibernardo L	SAC R-201
BUS	222	27914	9:00a-12:00p	Sa	Hobbs R	SAC A-215 Full Semester
BA	035	28084	9:00a-12:35p	Sa	Aii W	SAC A-222 02/20-04/03
BA	036	30901	9:00a-12:10p	Sa	Nguyen T	SAC A-226 04/17-06/05
BA	058	28538	9:00a-12:10p	Sa	Frias Callejas M	SAC A-224 Full Semester
BA	125	28030	9:00a-12:35p	Sa	Banh H	SAC A-228 02/20-04/03
BA	169	28054	9:00a-12:10p	Sa	Dumon D	SAC A-222 04/17-06/05
BA	188	28608	6:30p-10:00p	F	Nguyen T	SAC A-226 02/19-04/02
BA	189	28629	6:30p-9:35p	F	Nguyen T	SAC A-226 04/16-06/04
BA	190	30906	9:00a-12:10p	Sa	Staff	SAC A-228 04/17-06/05
CHEM	209	28123	9:00a-12:10p	Sa	Moore B	SAC R-318 Full Semester
	AND		12:30p-3:40p	Sa	Moore B	SAC R-309
CJ-A	010	30188	6:00p-10:00p	Tu Th	Troxcil G	CJTC-001 01/05-01/30
	AND		7:00a-11:00a	Sa	Dattola D	CJTC-001
CJ-A	010	30189	6:00p-10:00p	Tu Th	Troxcil G	CJTC-101 04/06-05/01
	AND		7:00a-11:00a	Sa	Vasquez C	CJTC-101
CJ-A	041	30397	7:00a-4:00p	Sa	Troxcil G	CJTC-104 03/06-03/13
DNCE	109	28920	9:00a-10:00a	Sa	Westergard-Dobson C	SAC G-108 Full Semester
DNCE	113A	29017	10:00a-12:15p	Su	Chavez R	SAC P-105 Full Semester
DNCE	113B	29049	11:00a-1:15p	Su	Chavez R	SAC P-105 Full Semester
DNCE	118	29067	5:30p-7:35p	F	Figuroa M	SAC G-108 Full Semester
DNCE	122	29075	10:00a-12:05p	Sa	Van Patten M	SAC G-108 Full Semester
DNCE	298	29051	11:00a-1:15p	Su	Chavez R	SAC G-108 Full Semester
ERTH	110	28195	9:00a-12:10p	Sa	Greenwood R	SAC R-111 Full Semester
ECON	120	27021	6:00p-9:10p	F	Staff	SAC D-209 Full Semester
ECON	121	27034	9:00a-12:10p	Sa	Amirfathi P	SAC A-130 Full Semester
EMT	111	26777	9:30a-5:05p	F Sa	Dethlefsen E	SAC R-307 04/16-04/23
ENGR	011	30710	6:00p-7:50p	F	Bartlett R	SAC A-128 Full Semester
ENGR	184	30965	8:00a-12:20p	Sa	Fonseca J	SAC A-216 Full Semester
ENGR	185	28071	8:00a-12:20p	Sa	Fonseca J	SAC A-216 Full Semester
ENGR	205	31100	6:00p-9:05p	F	Staff	SAC A-216 Full Semester
ENGL	N50	27282	9:00a-12:10p	Sa	Beyersdorf M	SAC I-102 Full Semester
ENGL	N60	27294	6:00p-10:15p	F	Gorrie K	SAC D-102 Full Semester
ENGL	101	27328	9:00a-1:15p	Sa	Gomez F	SAC I-101 Full Semester
ENGL	101	27347	6:00p-10:15p	F	Whynaught J	SAC D-305 Full Semester
ESAC	170	30215	8:00a-10:05a	Sa	Reily C	SAC W-107 Full Semester

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ESAC	260	30808	10:10a-12:15p	Sa	De Simone K	SAC G-118 Full Semester
ESAC	201	30858	9:00a-11:05a	Sa	Daniel D	SAC G-121 Full Semester
ESAC	206	30863	9:00a-11:05a	Sa	Daniel D	SAC G-121 Full Semester
ESIA	235	27554	3:00p-6:10p	Sa	Bryant J	SAC G-115 Full Semester
FDM	053	29899	9:00a-12:50p	Sa	Silvers L	SAC T-201 Full Semester
FDM	215	29914	9:00a-12:50p	Sa	Silvers L	SAC T-201 04/17-06/05
F-AC	008	31346	7:30a-11:30a	Su	Bartlett M	JPT-BFA 02/14-02/14
F-AC	008	31347	7:30a-11:30a	Su	Bartlett M	JPT-BFA 03/21-03/21
F-AC	008	31348	7:30a-11:30a	Su	Bartlett M	JPT-BFA 04/18-04/18
F-AC	008	31349	7:30a-11:30a	Su	Bartlett M	JPT-BFA 05/16-05/16
GEOL	162	30195	3:00p-9:00p	F Sa Su	Hughes P	SAC 04/15-05/06
HIST	120	27236	6:00p-9:10p	F	Heeren J	SAC I-106 04/16-06/05
	AND		9:00a-12:10p	Sa	Heeren J	SAC I-106
HIST	121	27247	6:00p-9:10p	F	Riggins C	SAC I-107 04/16-06/05
	AND		9:00a-12:10p	Sa	Riggins C	SAC I-107
MFNG	011	30669	6:00p-7:50p	F	Bartlett R	SAC A-128 Full Semester
MFNG	058	30720	9:00a-4:50p	Sa	Digilio G	SAC T-107 Full Semester
MFNG	071	30727	9:00a-1:15p	Sa	Singh N	SAC H-205 Full Semester
MFNG	N96	30721	9:00a-2:50p	Sa	Digilio G	SAC T-107 Full Semester
MFNG	188	30722	9:00a-4:50p	Sa	Digilio G	SAC T-107 Full Semester
MATH	N48	28197	8:00a-12:15p	Sa	Piiz L	SAC R-115 Full Semester
MATH	080	28364	8:00a-1:20p	Sa	Maiyah A	SAC B-31 Full Semester
MATH	105	28375	8:00a-12:15p	Sa	Jackson C	SAC R-113 Full Semester
MATH	140	28383	8:00a-12:15p	Sa	Carrera C	SAC I-108 Full Semester
MATH	150	28403	8:00a-1:20p	Sa	Bui M	SAC R-114 Full Semester
MATH	219	28478	8:00a-1:20p	Sa	Rivera Junior F	SAC A-213 Full Semester
MUS	185	29257	10:00a-12:05p	Sa	Adele D	SAC N-114 Full Semester
MUS	189	29266	12:15p-2:15p	Sa	Adele D	SAC N-114 Full Semester
MUS	241	29267	12:15p-2:25p	Sa	Adele D	SAC N-114 Full Semester
N-RN	102L	26694	TBA	M	Ettinger B	FV 02/08-05/31
	AND		TBA	M	Ettinger B	FV
N-RN	102L	26693	TBA	Sa	Giroux R	WMC 02/08-06/12
	AND		TBA	Sa	Staff	FV
N-RN	198-1	31112	TBA	M Tu W Th F Sa	Nick J	SAC R-203 02/08-06/02
N-RN	198-2	31113	TBA	M Tu W Th F Sa	Nick J	SAC R-203 02/08-06/02
N-RN	201L	26698	TBA	Sa Su	Stucken R	COL 02/08-06/05
	AND		TBA	Sa Su	Stucken R	AMMC
N-RN	202L	26763	TBA	Sa	Steckler M	SJH 02/09-06/03
N-RN	202L	26762	TBA	Sa	Carroll M	WMC 02/09-06/03
	AND		TBA	Sa	Naraghi A	WMC
N-RN	202L	26761	TBA	Sa	Brown S	UCI 02/09-06/03
N-RN	202L	26757	TBA	Sa	Paunovic M	HOAG 02/09-06/03
PARA	100	27927	8:00a-3:30p	Sa	Lamarra K	SAC A-205 02/20-04/03
PARA	130	27960	8:00a-5:10p	Sa	Lamarra K	SAC A-205 04/17-06/05
PHIL	106	27148	6:00p-9:10p	F	Staff	SAC C-104 04/16-06/05
	AND		9:00a-12:10p	Sa	Staff	SAC C-104
PHOT	190	28687	5:00p-10:05p	F	Sharum M	SAC A-219 Full Semester
PHOT	191	28685	5:00p-10:05p	F	Sharum M	SAC A-219 Full Semester
POLT	101	27003	6:00p-9:10p	F	Petri M	SAC I-109 04/16-06/05
	AND		9:00a-12:10p	Sa	Petri M	SAC I-109
PSYC	157	30846	9:00a-12:10p	Sa	Castillo R	SAC I-203 Full Semester
SOC	219	28479	8:00a-1:20p	Sa	Rivera Junior F	SAC A-213 Full Semester
SOC	100	27555	6:00p-9:25p	F	Seifert R	SAC C-104 02/19-04/03
	AND		9:00a-12:25p	Sa	Seifert R	SAC C-104
SPCH	101	27683	9:00a-12:10p	Sa	Harris M	SAC C-213 Full Semester
SPCH	101	27681	6:15p-9:25p	F	Habel L	SAC C-214 Full Semester
SPCH	102	27832	6:00p-10:15p	F	Holder V	SAC C-207 02/19-03/27
	AND		9:00a-1:15p	Sa	Holder V	SAC C-207
VIET	101	27112	6:00p-8:30p	F	Tran D	SAC A-211 Full Semester
	AND		9:00a-11:30a	Sa	Tran D	SAC A-211

Hard work pays off on the weekend!

Friday evening – Sunday evening classes

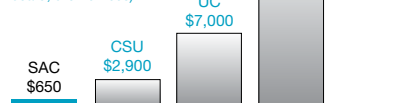
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**FOR MORE INFORMATION OR TO
MAKE A COUNSELING APPOINTMENT,
CALL: SANTA ANA COLLEGE - 714-564-6100**

1ST 8-WEEK COURSES FOR SPRING 2010

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT 032 . . 27770	4:30p-6:55p . . . M		Bloom M	SAC A-222	02/08-03/29
ACCT 035 . . 27781	TBA		Shain S	SAC WEB.	02/08-03/29
ACCT 035 . . 30843	7:00p-10:25p . . M		Bloom M	SAC A-222	02/08-03/29
ACCT 104 . . 30841	TBA		Trone J	SAC WEB.	02/08-04/02
BA 125 . . . 28030	9:00a-12:35p . . Sa		Banh H	SAC A-228	02/20-04/03
BA 147 . . . 30913	6:30p-9:40p . . . Th		Ali W	SAC A-224	02/11-04/01
BA 188 . . . 28608	6:30p-10:00p . . F		Nguyen T	SAC A-226	02/19-04/02
BA 190 . . . 28630	TBA		Lehrer C	SAC WEB.	02/08-04/02
CMPR 135 . 26396	7:00p-10:10p . . Th		Quach N	SAC A-213	02/11-04/01
CNSL 114 . . 28639	4:45p-6:50p . . . Th		Bautista S	SAC I-106	02/11-04/01
DNCE 109 . 28947	8:00a-9:00a . . . Tu Th		Kikawa E	SAC G-108	02/09-04/01
DNCE 109 . 28955	5:30p-6:45p . . . M W		Perez M	SAC W-106	02/08-03/29
ENGL 061 . . 27302	1:00p-5:50p . . . M W		Tran M	SAC D-304	02/08-03/29
ESHE 102 . . 30428	TBA		Rapoza J	SAC WEB.	02/08-04/02
ESHE 105 . . 27408	9:40a-11:05a . . Tu Th		Gorrie R	SAC G-107	02/09-04/01
ESHE 107 . . 27415	7:30a-9:35a . . . Tu Th		Gorrie R	SAC G-107	02/09-04/01
ESIA 150 . . 27401	3:00p-5:20p . . . M W		Coffman J	SAC F-103	02/08-03/29
FAC 008B . . 27847	8:45a-10:45a . . F		Argo R	JPT-BFA	02/19-04/02
FAC 008B . . 27845	6:00p-8:00p . . . W		Argo R	JPT-BFA	02/10-03/29
FAC 008C . . 27851	8:45a-10:45a . . F		Argo R	JPT-BFA	02/19-04/02

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
FAC 008C . 27849	6:00p-8:00p . . . W		Argo R	JPT-BFA	02/10-03/29
FDM 216 . . 29915	5:45p-10:05p . . Th		Silvers L	SAC T-201	02/11-04/01
HUD 114 . . 31071	4:45p-6:50p . . . Th		Bautista S	SAC I-104	02/11-04/01
HUD 120 . . 31069	TBA		Hardy M	SAC WEB.	02/10-03/29
AND	6:15p-9:45p . . . W		Hardy M	SAC I-108	
HUD 221 . . 30999	11:30a-3:00p . . . M W		Morgan-Beazell G	SAC I-102	02/08-03/29
MATH 060 . 28320	7:15a-9:20a . . . M Tu W Th		Youssef M	SAC I-203	02/08-04/01
MATH 080 . 28524	7:00a-9:35a . . . M Tu W Th		Lechuga J	SAC I-108	02/08-04/01
MUS 142 . . 29159	12:30p -1:30p . . M W		Kehlenbach E	DMC-204	02/08-03/29
MUS 144 . . 29138	12:30p -1:30p . . M W		Kehlenbach E	DMC-204	02/08-03/29
MUS 146 . . 29162	1:30p-2:55p . . . Tu Th		Bush N	DMC-204	02/09-04/01
MUS 146 . . 29160	6:00p-9:25p . . . W		Graham A	DMC-204	02/10-03/24
OTA 202 . . 30786	TBA		Hyman D	SAC	02/08-04/02
PARA 121 . . 27955	TBA		Manzano F	SAC WEB.	02/08-04/02
PARA 134 . . 28008	6:00p-10:10p . . Th		Davis A	SAC A-205	02/11-04/01
PARA 143 . 28020	6:30p-10:15p . . Tu		Pollinger B	SAC A-205	02/09-03/30
PHAR 057 . 29889	9:00a-1:15p . . . Tu Th		Huynh-Dang K	SAC H-210	02/08-04/01
PHIL 106 . . 27138	5:30p-9:05p . . . M W		Krogfoss W	SAC I-206	02/08-03/29
PHIL 110 . . 27211	2:40p-6:55p . . . Tu Th		Staff	SAC D-201	02/08-04/01
STDY 091 . 30382	1:00p-3:05p . . . Tu		Nguyen M	SAC L-202	02/08-03/30

2ND 8-WEEK COURSES FOR SPRING 2010

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT 032 . . 27776	4:30p-6:55p . . . M		Bloom M	SAC A-222	04/12-05/24
ACCT 035 . . 27782	TBA		Shain S	SAC WEB.	04/12-06/04
ACCT 035 . . 30844	7:00p-10:25p . . M		Bloom M	SAC A-222	04/12-05/24
ANTH 100 . 27530	6:00p-9:10p . . . F		Evans T	SAC A-210	04/16-06/05
AND	9:00a-12:10p . . Sa		Evans T	SAC A-210	
BA 036 . . . 30901	9:00a-12:10p . . Sa		Nguyen T	SAC A-226	04/17-06/05
BA 049 . . . 30911	7:00p-10:10p . . Tu		Staff	SAC B-15	04/13-06/01
BA 066 . . . 28543	7:00p-10:10p . . W		Lehrer C	SAC A-228	04/14-06/02
BA 148 . . . 28032	6:30p-9:40p . . . Th		Ali W	SAC A-224	04/15-06/03
BA 169 . . . 28054	9:00a-12:10p . . Sa		Dumon D	SAC A-222	04/17-06/05
BA 189 . . . 28629	6:30p-9:35p . . . F		Nguyen T	SAC A-226	04/16-06/04
BA 190 . . . 30906	9:00a-12:10p . . Sa		Staff	SAC A-228	04/17-06/05
BA 191 . . . 28631	TBA		Lehrer C	SAC WEB.	04/17-06/04
CMPR 125 . 26397	7:00p-10:10p . . Th		Quach N	SAC A-213	04/15-06/03
DNCE 109 . 28951	8:00a-9:00a . . . Tu Th		Kikawa E	SAC G-108	04/13-06/03
DNCE 109 . 28963	5:30p-6:45p . . . M W		Perez M	SAC W-106	04/12-06/02
ENGL 061 . . 27321	1:15p-5:30p . . . Tu Th		Tran M	SAC D-103	04/13-06/03
ENGL 101 . 27325	1:00p-5:30p . . . M W		Lewitzki R	SAC D-214	04/12-06/02
ERTH 110 . . 28168	6:00p-9:00p . . . M W		Crosswhite G	SAC I-206	04/12-06/02
ESFI 100 . . 30424	TBA		Sneddon D	SAC E-108	04/12-06/04
ESFI 109 . . 30415	TBA		Luppani M	SAC E-102	04/12-06/04
ESFI 110 . . 30417	TBA		Luppani M	SAC E-102	04/12-06/04
ESFI 119 . . 30420	TBA		Ogas D	SAC G-103	04/12-06/04
ESFI 120 . . 30422	TBA		Ogas D	SAC G-103	04/12-06/04
ESHE 101 . . 27257	TBA		Breig D	SAC WEB.	04/12-06/04
ESHE 107 . . 27416	9:30a-11:35a . . Tu Th		Gorrie R	SAC G-107	04/13-06/03
ESOF 169 . 28446	7:00p-10:20p . . M W		Silva	SAC W-111	04/12-06/02
ESOF 230 . . 27426	3:00p-6:05p . . . Tu Th		Jones G	SAC G-108	04/13-06/03
ESOF 261 . . 27402	3:00p-6:20p . . . M W		Coffman J	SAC G-118	04/12-06/02
ESOF 262 . 28448	5:00p-7:10p . . . M W F		Vasquez J	SAC G-118	04/12-06/04
FAC 008B . . 27848	8:45a-10:45a . . F		Argo R	JPT-BFA	04/16-06/04
FAC 008B . . 27846	6:00p-8:00p . . . W		Argo R	JPT-BFA	04/14-06/02

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
FAC 008C . 27853	8:45a-10:45a . . F		Argo R	JPT-BFA	04/16-06/04
FAC 008C . 27850	6:00p-8:00p . . . W		Argo R	JPT-BFA	04/14-06/02
FDM 215 . . 29914	9:00a-12:50p . . Sa		Silvers L	SAC T-201	04/17-06/05
GOEG 100 . 27044	5:30p-8:50p . . . M W		Staff	SAC D-202	04/12-06/02
HIST 120 . . 27236	6:00p-9:10p . . . F		Heeren J	SAC I-106	04/16-06/04
AND	9:00a-12:10p . . Sa		Heeren J	SAC I-106	
HIST 121 . . 27247	6:00p-9:10p . . . F		Riggins C	SAC I-107	04/16-06/05
AND	9:00a-12:10p . . Sa		Riggins C	SAC I-107	
HUD 121 . . 31070	TBA		Hardy M	SAC WEB.	04/14-06/02
AND	6:15p-9:25p . . . W		Hardy M	SAC I-108	
MATH 080 . 28525	7:00a-9:35a . . . M Tu W Th		Youssef M	SAC I-108	04/12-06/03
MATH 105 . 28374	7:15a-9:20a . . . M Tu W Th		Lechuga J	SAC I-203	04/12-06/03
MUS 144 . . 29164	6:00p-9:05p . . . W		Graham A	DMC-204	04/14-06/02
MUS 147 . . 29163	6:00p-9:05p . . . W		Graham A	DMC-204	04/14-06/02
MUS 148 . . 29168	12:30p-1:55p . . M W		Kehlenbach E	DMC-204	04/12-06/02
OTA 203 . . 30788	TBA		Hyman D	SAC	04/12-06/04
PARA 121 . . 27956	TBA		Manzano F	SAC WEB.	04/12-06/04
PARA 130 . . 27960	8:00a-5:10p . . . Sa		Lamarra K	SAC A-205	04/17-06/05
PARA 135 . 28013	6:00p-10:15p . . Th		Harman J	SAC A-205	04/15-06/03
PARA 136 . 28015	8:00a-10:10a . . Tu Th		Manzano F	SAC A-213	04/13-06/03
PARA 144 . 28021	6:00p-10:15p . . Tu		Pollinger B	SAC A-205	04/13-06/01
PHIL 106 . . 27148	6:00p-9:10p . . . F		Staff	SAC C-104	04/16-06/05
AND	9:00a-12:10p . . Sa		Staff	SAC C-104	
POLT 101 . 26984	1:00p-4:10p . . . Tu Th		Rim K	SAC D-209	04/13-06/03
POLT 101 . 27003	6:00p-9:10p . . . F		Petri M	SAC I-109	04/16-06/05
AND	9:00a-12:10p . . Sa		Petri M	SAC I-109	
READ N90A. 27644	1:00p-4:10p . . . Tu Th		O Lea J	SAC D-309	04/13-06/03
READ N90B. 27645	1:00p-4:10p . . . Tu Th		O Lea J	SAC D309	04/13-06/03
SPCH 102 . 27707	12:30p-3:40p . . M W		Moorhead C	SAC C-213	04/12-06/02
STDY 091 . 30384	1:00p-3:05p . . . Tu		Nguyen M	SAC L-202	04/12-06/01
THEA 135 . 28992	TBA		Tivenan V	SAC P-105	04/12-06/04
THEA 235 . 28994	TBA		Tivenan V	SAC P-105	04/12-06/04

ONLINE COURSES FOR SPRING 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 February 8, 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	UNITS
ACCOUNTING 035 27781	QUICKBOOKS S. Shain	Shain_Sheila@sac.edu	1.5 UNITS
2/8/10–3/29/10. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ACCOUNTING 035 27782	QUICKBOOKS S. Shain	Shain_Sheila@sac.edu	1.5 UNITS
4/12/10–6/6/10. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ACCOUNTING 101 27783	FINANCIAL ACCOUNTING J. Trone	Trone_Jinhee@sac.edu	4 UNITS
Online instruction plus mandatory on-campus meetings every Wednesday 6–9 pm, SAC A-209. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ACCOUNTING 101 30842	FINANCIAL ACCOUNTING S. Shain	Shain_Sheila@sac.edu	4 UNITS
Online instruction plus mandatory on-campus meetings every Tuesday 8–10:05 am, SAC A-211. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ACCOUNTING 104 27937	FEDERAL AND CALIFORNIA TAXES J. Trone	Trone_Jinhee@sac.edu	4 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ACCOUNTING 104 30841	FEDERAL AND CALIFORNIA TAXES J. Trone	Trone_Jinhee@sac.edu	4 UNITS
2/8/10–4/2/10. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ART 100 27740	INTRODUCTION TO ART CONCEPTS S. Brown	Brown_Sharon@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
ART 100 27766	INTRODUCTION TO ART CONCEPTS S. Brown	Brown_Sharon@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BIOLOGY 109 28979 OR 28982	FUNDAMENTALS OF BIOLOGY M. Rourke	Rourke_Michael@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BIOLOGY 109 28980	FUNDAMENTALS OF BIOLOGY P. Mansfield	Mansfield_Patricia@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BIOLOGY 217 28974	PATHOPHYSIOLOGY J. Hampton	Hampton_Jubal@sac.edu	2 UNITS
This course emphasizes Pathophysiology for OTA students. Online instruction plus MANDATORY on campus meetings Tues, 2/9, 3/2, 3/30, 4/20, 5/4, 6/1 (FINAL EXAM). 4:30-6:00pm, SAC R-318. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BIOLOGY 239 28987	GENERAL HUMAN ANATOMY INCLUDES ON CAMPUS LAB. 4 UNITS P. Mansfield	Mansfield_Patricia@sac.edu	4 UNITS
Online instruction plus mandatory on campus lab meetings every Fri, 6:30-9:40pm, SAC R-201. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BIOLOGY 239 28989	GENERAL HUMAN ANATOMY INCLUDES ON CAMPUS LAB. 4 UNITS P. Mansfield	Mansfield_Patricia@sac.edu	4 UNITS
Will specifically utilize cadaver demonstration/dissection instead of cats. Online instruction plus mandatory on campus lab meetings every Fri, 3:00-6:10pm, SAC R-201. Go to www.sac.edu/disted for more information. Email instructor first week of class.			

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://rscdd.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 RAM, 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	UNITS
BIOLOGY 249 28984	HUMAN PHYSIOLOGY P. Mansfield	Mansfield_Patricia@sac.edu	4 UNITS
Online instruction plus mandatory on campus lab meetings every Wed, 6:00-9:10pm, SAC R-219. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 100 27908	FUNDAMENTALS OF BUSINESS M. Grant	Grant_Madeline@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 100 27909	FUNDAMENTALS OF BUSINESS G. Doolittle	Doolittle_Glenn@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 105 27912	LEGAL ENVIRONMENT OF BUSINESS R. Manzano	Manzano_Rick@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 105 27918	LEGAL ENVIRONMENT OF BUSINESS G. Doolittle	Doolittle_Glenn@sac.edu	3 UNITS
Online instruction plus on campus meetings every Thurs, 11:30am–12:50pm, SAC A-203. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 125 27917	INTRODUCTION TO INTERNATIONAL BUSINESS M. Grant	Grant_Madeline@sac.edu	3 UNITS
Online instruction plus on campus meetings every Tues, 11:30am–12:50pm, SAC A-203. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 130 27920	PERSONAL FINANCE E. Mitchell	Mitchell_Earl@sac.edu	3 UNITS
Online instruction plus on campus orientation. Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS 150 26315	INTRODUCTION TO INFORMATION SYSTEMS C. Kushida	Kushida_Cherylee@sac.edu	4 UNITS
Email instructor first week of class. Go to http://ext.sac.edu/faculty_staff/kushida_cherylee for more information.			
BUSINESS 160 27862	INTRODUCTION TO STOCK AND BOND INVESTMENTS R. Ridgeway	Ridgeway_Ronald@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS APPLICATIONS 110, COMPUTER KEYBOARDING SKILLS 30902	D. Montiel_Childress	Montiel_Dena@sac.edu	1–2 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS APPLICATIONS 179, INTRODUCTION TO MICROSOFT OFFICE 28553	M. Nguyen	Nguyen_Michael@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS APPLICATIONS 180, ADVANCED MICROSOFT OFFICE 30915	T. Negrete	Negrete_Terri@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS APPLICATIONS 185, REAL WORLD MICROSOFT OFFICE 28575	C. Lehrer	Lehrer_Carol@sac.edu	3 UNITS
Go to www.sac.edu/disted for more information. Email instructor first week of class.			
BUSINESS APPLICATIONS 190, MICROSOFT POWERPOINT 28630	C. Lehrer	Lehrer_Carol@sac.edu	1.5 UNITS
2/8/10–4/2/10. Go to www.sac.edu/disted for more information. Email instructor first week of class.			

SPRING 2010 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
BUSINESS APPLICATIONS 191, POWERPOINT APPLICATION 28631 4/12/10–6/4/10. One hour per week arranged. Go to www.sac.edu/disted for more information. Email instructor first week of class.	C. Lehrer Lehrer_Carol@sac.edu	1.5 UNITS
CHEMISTRY 209 28125 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.	C. Jenkins Jenkins_Crystal@sac.edu	4 UNITS
COMPUTER SCIENCE 100 COMPUTER AND SOCIETY 26335 Email instructor first week of class. Go to http://ext.sac.edu/faculty_staff/kushida_cherylee for more information.	C. Kushida Kushida_Cherylee@sac.edu	3 UNIT
COMPUTER SCIENCE 167 MICROSOFT ACCESS 26338 Email instructor first week of class. Go to http://ext.sac.edu/faculty_staff/kushida_cherylee for more information.	C. Kushida Kushida_Cherylee@sac.edu	3 UNITS
COUNSELING 116 CAREER/LIFE PLANNING AND PERSONAL EXPLORATION 28642 OR 28643 OR 28644 Students must attend one of the following orientations: 2/9 or 2/16, 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 .	D. Sadler Sadler_Dennis@sac.edu	3 UNITS
CRIMINAL JUSTICE 101 INTRODUCTION TO CRIMINAL JUSTICE 29867 OR 29869 Will have a mandatory meeting either Mon, 2/8 or Tues, 2/9, 6pm at CJTC, 15991 Armstrong, Tustin. Email instructor by Fri, 2/5 or call 714-566-9201. Go to www.sac.edu/disted for more information.	G. Troxcil Troxcil_George@sac.edu	3 UNITS
CRIMINAL JUSTICE 103 CONCEPTS OF CRIMINAL LAW 29873 Online instruction plus mandatory on campus orientation Mon, 2/8, 6 - 7 pm, SAC A-207. Go to www.sac.edu/disted for more information. Email instructor first week of class.	A. Gonis Gonis_Andrew@sac.edu	3 UNITS
ECONOMICS 120 PRINCIPLES/ MACROECONOMICS 27027 Online instruction plus on campus meetings: 2/8, 4/26 5/24, SAC D-208. All class meetings on Monday 4–5:20 pm. Go to www.sac.edu/disted for more information. Email instructor first week of class.	L. Ho Ho_Lac@sac.edu	3 UNITS
ECONOMICS 121 PRINCIPLES/MICROECONOMICS 27039 Online instruction plus on campus meetings: 2/8, 4/26 5/24, SAC D-208. All class meetings on Monday 5:30–6:50 pm. Go to www.sac.edu/disted for more information. Email instructor first week of class.	L. Ho Ho_Lac@sac.edu	3 UNITS
ENGINEERING 154 ARCHITECTURE/CIVIL ENGINEERING 28080 Online instruction plus mandatory on campus meetings every Wednesday, 6-10:10 pm, SAC A-216. Email instructor first week of class. Go to www.sac.edu/disted for more information.	S. Sherod Sherod_Susan@sac.edu	3 UNIT
ENGINEERING 183 AUTOCAD I-COMPUTER AIDED DRAFTING 28078 Online instruction plus mandatory on campus orientation Go to www.sac.edu/disted for more information. Email instructor first week of class.	S. Sherod Sherod_Susan@sac.edu	3 UNITS
ENGINEERING 184 AUTOCAD II-COMPUTER AIDED DRAFTING 28069 Online instruction plus mandatory on campus orientation Go to www.sac.edu/disted for more information. Email instructor first week of class.	S. Sherod Sherod_Susan@sac.edu	3 UNITS
ENGINEERING 186 AUTOCAD 3-DIMENSIONAL DRAWING 28085 Online instruction plus mandatory on campus meetings every Wednesday, 6-10:10 pm, SAC A-216. .Email instructor first week of class. Go to www.sac.edu/disted for more information.	S. Sherod Sherod_Susan@sac.edu	3 UNITS
ENGINEERING 201 ARCHITECTURAL PRACTICE 28075 Online instruction plus mandatory on campus meetings every Monday, 4–6:50 pm, SAC A-216. Email instructor first week of class. Go to www.sac.edu/disted for more information.	S. Sherod Sherod_Susan@sac.edu	3 UNITS
ENGLISH 061 INTRODUCTION TO COMPOSITION 27301 Online instruction plus mandatory on-campus meetings. Wednesday, 2/10, 3/17, 4/28, 6/2, 4:30-6:50pm, SAC D-434. 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.	G. Bennett Bennett_Gary@sac.edu	3 UNITS
ENGLISH 101 FRESHMAN COMPOSITION 27332 Online instruction plus mandatory on-campus meetings: Thursday, 2/11, 3/18, 4/29, 6/3, 4:30-6:50pm, SAC D-214. Go to www.sac.edu/disted for more information. Email instructor first week of class.	G. Bennett Bennett_Gary@sac.edu	4 UNITS

SECTION	INSTRUCTOR	EMAIL
ENGLISH 101 FRESHMAN COMPOSITION 27357 Online instruction plus mandatory on-campus meetings. Thursday, 2/11, 3/11, 4/15, 5/6, 6/3 4-5:50 pm, SAC D-102. Go to www.sac.edu/disted for more information. Email instructor first week of class.	D. Pearce Pearce_Dianne@sac.edu	4 UNITS
ENGLISH 101 FRESHMAN COMPOSITION 27358 Online instruction plus mandatory on-campus meetings. Wednesday 2/10, 3/10, 4/14, 5/12, 6/2, 4 - 5:50 pm, SAC D-102. Go to www.sac.edu/disted for more information. Email instructor first week of class.	N. Kabaji Kabaji_Noha@sac.edu	4 UNITS
ENGLISH 101 FRESHMAN COMPOSITION 27359 Online instruction plus mandatory on-campus meetings: Tuesdays, 2/9, 3/16, 5/4, 6/1, 4-5:50pm, SAC D-102. Go to www.sac.edu/disted for more information. Email instructor first week of class.	P. Nguyen Nguyen_Pete@sac.edu	4 UNITS
ENGLISH 102 LITERATURE AND COMPOSITION 27372 Online instruction plus mandatory on-campus meetings. Monday, 2/8, 3/15, 4/12, 5/17, 5:00-6:50pm, SAC D-401. Go to www.sac.edu/disted for more information. Email instructor first week of class.	C. Ramshaw Ramshaw_Charles@sac.edu	4 UNITS
ENGLISH 103 CRITICAL THINKING AND WRITING 27376 Online instruction plus mandatory on-campus meetings. Monday, 2/8, 3/15, 4/12, 5/24, 5-6:50pm, SAC D-434. Go to www.sac.edu/disted for more information. Email instructor first week of class.	M. Beyersdorf Beyersdorf_Matthew@sac.edu	4 UNITS
EXERCISE SCIENCE - HEALTH 101, HEALTHFUL LIVING 27243 Go to www.sac.edu/disted for more information. Email instructor first week of class.	D. Breig Breig_David@sac.edu	3 UNITS
EXERCISE SCIENCE - HEALTH 101, HEALTHFUL LIVING 27257 4/12/10–6/4/10. Go to www.sac.edu/disted for more information. Email instructor first week of class.	D. Breig Breig_David@sac.edu	3 UNITS
EXERCISE SCIENCE-HEALTH 102, WOMEN'S HEALTH ISSUES 29805 Go to www.sac.edu/disted for more information. Email instructor first week of class.	A. Doty Doty_Ann@sac.edu	3 UNITS
EXERCISE SCIENCE-HEALTH 102, WOMEN'S HEALTH ISSUES 30428 2/8/10–4/2/10. Go to www.sac.edu/disted for more information. Email instructor first week of class.	J. Rapoza Rapoza_Jessica@sac.edu	3 UNITS
EXERCISE SCIENCE-HEALTH 104, NUTRITION AND FITNESS 30859 Go to www.sac.edu/disted for more information. Email instructor first week of class.	A. Doty Doty_Ann@sac.edu	2 UNITS
EXERCISE SCIENCE PROFESSIONAL 125, SPORT PSYCHOLOGY 27405 Go to www.sac.edu/disted for more information. Email instructor first week of class.	J. Coffman Coffman_Jodi@sac.edu	3 UNITS
EXERCISE SCIENCE PROFESSIONAL 150, SPORTS AND SOCIETY 27437 Go to www.sac.edu/disted for more information. Email instructor first week of class.	F. Luppiani Luppiani_Flo@sac.edu	3 UNITS
EXERCISE SCIENCE PROFESSIONAL 160 MANAGEMENT OF PHYSICAL EDUCATION AND SPORT 27574 Go to www.sac.edu/disted for more information. Email instructor first week of class.	A. Siddons Siddons_AI@sac.edu	3 UNITS
FIRE TECHNOLOGY 101 FIRE PROTECTION ORGANIZATION 27750 Access and log in to Blackboard @ http://rscdd.blackboard.com on the first Monday, 2/8/10, for your class orientation. Go to www.sac.edu/disted for more information. Email instructor first week of class.	D. Stefano Stefano_Daniel@sac.edu	3 UNITS



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SPRING 2010 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
FIRE TECHNOLOGY 102 27758 Go to www.sac.edu/disted for more information. Email instructor first week of class.	FIRE BEHAVIOR AND COMBUSTION J. Ash Ash_Jeffrey@sac.edu	3 UNITS
FIRE TECHNOLOGY 103 27812 Go to www.sac.edu/disted for more information. Email instructor first week of class.	PERSONAL FIRE SAFETY J. Hirsch Hirsch_Jamie@sac.edu	3 UNITS
FIRE TECHNOLOGY 104 27819 Go to www.sac.edu/disted for more information. Email instructor first week of class.	FIRE PREVENTION TECHNOLOGY S. Freeman Freeman_Suzanne@sac.edu	3 UNITS
FIRE TECHNOLOGY 105 27823 Go to www.sac.edu/disted for more information. Email instructor first week of class.	BUILDING CONSTRUCTION FOR FIRE PROTECTION D. Wiskus Wiskus_Dennis@sac.edu	3 UNITS
FIRE TECHNOLOGY 106 27829 Go to www.sac.edu/disted for more information. Email instructor first week of class.	FIRE PROTECTION EQUIPMENT AND SYSTEMS D. Wiskus Wiskus_Dennis@sac.edu	3 UNITS
GEOGRAPHY 100 27045 Go to www.sac.edu/disted for more information. Email instructor first week of class.	WORLD REGIONAL GEOGRAPHY J. Titus Titus_Jodi@sac.edu	3 UNITS
HISTORY 120 27237 Online instruction plus mandatory on-campus meetings: Wednesday, 2/10, 3/10, 3/24, 4/14, 1-1:50pm, SAC I-209. Go to www.sac.edu/disted for more information. Email instructor first week of class.	UNITED STATES HISTORY TO 1865 T. Menzing Menzing_Todd@sac.edu	3 UNITS
HISTORY 121 27250 Online instruction plus mandatory on-campus meetings: Wednesday, 2/10, 3/10, 3/24, 4/14, 2-2:50pm, SAC I-209. Go to www.sac.edu/disted for more information. Email instructor first week of class.	UNITED STATES HISTORY SINCE 1865 T. Menzing Menzing_Todd@sac.edu	3 UNITS
HUMAN DEVELOPMENT 112, HEALTH, SAFETY AND NUTRITION FOR CHILDREN 30990 Online instruction plus mandatory on-campus meetings. Go to www.sac.edu/disted for more information. Email instructor first week of class.	S. Valdez Valdez_Susanne@sac.edu	3 UNITS
HUMAN DEVELOPMENT 120, SCHOOL DEVELOPMENT OF THE SCHOOL AGE CHILD 31069 2/10/10-3/29/10. Online instruction plus mandatory on-campus meetings: Wednesdays, 2/10, 2/17, 2/24, 3/3, 3/10, 3/17, 3/24, 6:15-9:45pm, SAC I-108. Go to www.sac.edu/disted for more information. Email instructor first week of class.	M. Hardy Hardy_Michelle@sac.edu	3 UNITS
HUMAN DEVELOPMENT 121, SCHOOL AGE CHILD CARE ACTIVITIES 31070 4/14/10-6/2/10. Online instruction plus mandatory on-campus meetings: Wednesdays, 4/14, 4/21, 4/28, 5/5, 5/12, 5/19, 5/26, 6/2, 6:15-9:25pm, SAC I-108. Go to www.sac.edu/disted for more information. Email instructor first week of class.	M. Hardy Hardy_Michelle@sac.edu	3 UNITS
LIBRARY SCIENCE 053 27814 Online instruction plus mandatory on-campus meetings: First class meeting Wednesday, 2/10 4:00-6:00pm, SAC L-112-1. Go to www.sac.edu/disted for more information. Email instructor first week of class.	LIBRARY INTERNSHIP Y. Garcia Garcia_Yolanda@sac.edu	3 UNITS
MATHEMATICS 060 28817 Between the dates of 2/3 to 2/5 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Friday, 3/12, 4/16, 5/14, 6/4, 6-8pm, SAC H-104. Go to www.sac.edu/disted for more information.	ELEMENTARY ALGEBRA M. Everett Everett_Mike@sac.edu	4 UNITS
MATHEMATICS 080 28850 Between the dates of 2/3 to 2/5 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Friday, 3/12, 4/16, 5/14, 6/4, 6-8 pm, SAC H-105. Go to www.sac.edu/disted for more information.	INTERMEDIATE ALGEBRA C. Solheid Solheid_Christa@sac.edu	4 UNITS
MATHEMATICS 105 MATHEMATICS FOR LIBERAL ARTS STUDENTS (CAN MATH 2) 28857 Between the dates of 2/3 to 2/5 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Friday, 3/12, 4/16, 5/14, 6/4, 4-6pm, SAC H-104. Go to www.sac.edu/disted for more information.	R. Shahbazian Shahbazian_Roy@sac.edu	3 UNITS
MATHEMATICS 140 28867 Between the dates of 2/3 to 2/5 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Friday, 3/12, 4/16, 5/14, 6/4, 6-8pm, SAC H-107. Go to www.sac.edu/disted for more information.	COLLEGE ALGEBRA (CAN MATH 4) D. Vu Vu_Dahlia@sac.edu	4 UNITS
MUSIC 101 29041 Go to www.sac.edu/disted for more information. Email instructor first week of class.	MUSIC APPRECIATION E. Jones Jones_Elliott@sac.edu	3 UNITS

SECTION	INSTRUCTOR	EMAIL
MUSIC 211 29054 Go to www.sac.edu/disted for more information. Email instructor first week of class.	MUSIC HISTORY AND LITERATURE E. Jones Jones_Elliott@sac.edu	3 UNITS
NURSING-REGISTERED 112, NURSING CONCEPTS 26770 Online instruction plus mandatory on campus meetings: Thursday, 2/11, 3/4, 4/15, 5/6, 5/27, 6/3, 9:30-11:05am, SAC R-126. Go to www.sac.edu/disted for more information. Email instructor first week of class.	S. Brown Brown_Stephen@sac.edu	1.5 UNITS
NUTRITION 115 30932 Mandatory on campus orientation Monday, 2/8, 6:30-7:30pm., SAC T-212. Go to www.sac.edu/disted for more information. Email instructor first week of class.	NUTRITION Rita Higgins Higgins_Rita@sac.edu	3UNITS
OCCUPATIONAL THERAPY ASSISTANT 102 PSYCHOSOCIAL FUNCTION AND DYSFUNCTION Section 30779 Online instruction plus mandatory on-campus labs. Go to www.sac.edu/disted for more information.	M. Parolise Parolise_Michelle@sac.edu	4 UNITS
PARALEGAL 121 27955 2/8/10-4/2/10 Go to www.sac.edu/disted for more information. Email instructor first week of class.	ETHICS AND PROFESSIONAL RESPONSIBILITY R. Manzano Manzano_Rick@sac.edu	2 UNITS
PARALEGAL 121 27956 4/12/10-6/4/10 Go to www.sac.edu/disted for more information. Email instructor first week of class.	ETHICS AND PROFESSIONAL RESPONSIBILITY R. Manzano Manzano_Rick@sac.edu	2 UNITS
PARALEGAL 122 27957 Online instruction plus mandatory on campus meetings every Monday, 8-9:30 am, SAC A-205. Email instructor first week of class. Go to www.sac.edu/disted for more information.	ELDER LAW R. Manzano Manzano_Rick@sac.edu	2 UNITS
PARALEGAL 137 28016 Online instruction plus mandatory on campus meetings every Wednesday, 8-9:30 am, SAC A-224. Email instructor first week of class. Go to www.sac.edu/disted for more information.	TORT AND INSURANCE LAW R. Manzano Manzano_Rick@sac.edu	2 UNITS
PHARMACY TECHNOLOGY 048, INTRODUCTION TO PHARMACY TECHNOLOGY 27200 Online instruction plus mandatory on-campus meetings every other Saturday starting 2/22/10. Go to www.sac.edu/disted for more information. Email instructor first week of class.	J. Ross Jr RossJr_John@sac.edu	2 UNITS
PHARMACY TECHNOLOGY 051, BODY SYSTEMS I 31181 Online instruction plus mandatory on-campus meetings every other Monday starting 2/8/10, 6:00-9:45pm, SAC T-212. Go to www.sac.edu/disted for more information. Email instructor first week of class.	H. Nguyen Nguyen_Hieu@sac.edu	3 UNITS
PHARMACY TECHNOLOGY 054, PHARMACY CALCULATIONS 29887 Online instruction plus mandatory on-campus meetings every other Saturday starting 2/20/10, 10:15am-12:20pm, SAC H-201. Go to www.sac.edu/disted for more information. Email instructor first week of class.	J. Ross Jr RossJr_John@sac.edu	2 UNITS
PHILOSOPHY 110 27210 Online instruction plus mandatory on-campus meetings: Monday, 2/8, 3/8, 4/19, 5/24, 5-6:50pm, SAC I-203. Go to www.sac.edu/disted for more information. Email instructor first week of class.	CRITICAL THINKING Z. Fish Fish_Zachary@sac.edu	4 UNITS
POLITICAL SCIENCE 101 27006 Online instruction plus mandatory on-campus meetings: Thursday, 2/11, 4/1, 5/27, 5-6:50 pm, SAC D-101. Go to www.sac.edu/disted for more information. Email instructor first week of class.	INTRODUCTION TO GOVERNMENT M. Petri Petri_Michael@sac.edu	3 UNITS
SOCIOLOGY 100 27568 Online instruction plus mandatory on-campus meetings: Wednesday, 2/10, 3/10, 4/28, 6/2, 5-6pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.	INTRODUCTION TO SOCIOLOGY D. Dobos Dobos_David@sac.edu	3 UNITS
SOCIOLOGY 112 27581 Go to www.sac.edu/disted for more information. Email instructor first week of class.	RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS D. Dobos Dobos_David@sac.edu	3 UNITS
SPANISH 102 27643 Online instruction plus mandatory on-campus meetings, Friday, 2/19, 3/19, 4/16, 5/14, 6/4, 9:30am-12noon, SAC D-305. Go to www.sac.edu/disted for more information. Email instructor first week of class.	ELEMENTARY SPANISH II M. Guerrero Guerrero_Martha@sac.edu	5 UNITS

SPRING 2010 ONLINE COURSES *continued...*

SECTION	INSTRUCTOR	EMAIL
SPEECH COMMUNICATION 101, INTERPERSONAL COMMUNICATION 3 UNITS 27693	K. Strong	Strong_Kevin@sac.edu
Online instruction plus mandatory on campus meetings, 5/17, 5/19, 5/26, 2-3:50pm, SAC C-202. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SPEECH COMMUNICATION 103, INTERCULTURAL COMMUNICATION 3 UNITS 30624	K. Strong	Strong_Kevin@sac.edu
Online instruction plus mandatory on campus meetings, 5/17, 5/19, 5/26, 4-5:20pm, SAC C-214. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
STUDY SKILLS 109 COLLEGE LEARNING SKILLS 3 UNITS 30380	J. Norwood	Norwood_Joyce@sac.edu
Online instruction plus mandatory on campus orientation, Monday, 2/8, 6-7pm. or Tuesday, 2/9, 1:30-2:30pm, 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 28870	V. Tivenan	Tivenan_Valinda@sac.edu
Go to www.sac.edu/disted for more information. Email instructor first week of class.		

SECTION	INSTRUCTOR	EMAIL
THEATRE ARTS 166A PROGRAMMING AND DESIGN PROJECTS 1 UNIT 28970	V. Tivenan	Tivenan_Valinda@sac.edu
2/22/10-3/12/09. Instruction begins 2/22 plus mandatory on campus arranged lab hours in P-100. Go to www.sac.edu/disted for more information.		
THEATRE ARTS 166B ADVANCED PROGRAMMING AND DESIGN PROJECTS 1 UNIT 28983	V. Tivenan	Tivenan_Valinda@sac.edu
2/22/10-3/12/09. Instruction begins 2/22 plus mandatory on campus arranged lab hours in P-100. Go to www.sac.edu/disted for more information.		
THEATRE ARTS 167 SETUP FOR INTELLIGENT LIGHTING 1 UNIT 28968	Staff	
2/22/10-3/14/10. Instruction begins 2/22 with on campus lab meetings 3/13 & 3/14, 8am-4pm, P-100 Go to www.sac.edu/disted for more information.		

SANTA ANA COLLEGE

TELEVISION COURSES FOR SPRING 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 telecourses 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
ANTHROPOLOGY 100, INTRO. TO CULTURAL ANTHROPOLOGY, A DIVERSE WORLD 3 UNITS 27536			L. Light	Light_Linda@sac.edu	
Telecourse instruction plus optional on-campus review sessions: Monday, 2/8, 3/8, 4/19, 5/24, 5-6pm, SAC D-102. Go to www.sac.edu/disted for more information.					
HISTORY 120 THE UNITED STATES TO 1865 3 UNITS 27239			G. Ghelfi	Ghelfi_Gerald@sac.edu	
Telecourse instruction plus optional on-campus review sessions: Monday, 2/8, 3/8, 4/12, 4/26, 5/10, 5-6pm, SAC D-105. Go to www.sac.edu/disted for more information.					
HISTORY 121 THE UNITED STATES SINCE 1865 3 UNITS 27255			G. Ghelfi	Ghelfi_Gerald@sac.edu	
Telecourse instruction plus optional on-campus review sessions: Monday, 2/8, 3/8, 4/12, 4/26, 5/10, 6-7pm, SAC D-105. Go to www.sac.edu/disted for more information.					
HUMAN DEVELOPMENT 107, CHILD GROWTH AND DEVELOPMENT 3 UNITS 30977			J. Pugh	Pugh_Jim@sac.edu	
Telecourse instruction plus optional on-campus review sessions: Wednesday, 2/10, 5:30-7pm, SAC R-114 and Thursday, 2/25, 3/18, 4/15, 5/6, 5/20, 6-7pm, SAC D-105. Go to www.sac.edu/disted for more information.					
INTERDISCIPLINARY STUDIES 121, HUMANITIES THROUGH THE ARTS 3 UNITS 29019			B. Kehlenbach	Kehlenbach_Brian@sac.edu	
Telecourse instruction plus optional on-campus review sessions: Tuesday, 2/16, 3/2, 3/30, 5/4, 5/25, 5-6:30pm, 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 February 8, 2010. Visit our website at www.sac.edu/disted.

SECTION	TIME	DAYS	INSTRUCTOR	LOC./RM.	DATES
PSYCHOLOGY 100 INTRODUCTION TO PSYCHOLOGY 3 UNITS 27474			N. Barberi	Barberi_Nicole@sac.edu	
Telecourse instruction. Go to www.sac.edu/disted for more information					
SOCIOLOGY 100 INTRODUCTION TO SOCIOLOGY 3 UNITS 27575			N. Rogers	Rogers_Neal@sac.edu	
Telecourse instruction plus optional on-campus orientation meeting: Wednesday, 2/17, 5-6 pm SAC D-106 OR Saturday, 2/20, 9-10am, SAC R-124. Go to www.sac.edu/disted for more information					
SOCIOLOGY 112 RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS 3 UNITS 27582			N. Rogers	Rogers_Neal@sac.edu	
Telecourse instruction plus optional on-campus orientation meeting: Wednesday, 2/17, 6-7 pm SAC D-106 OR Saturday, 2/20, 10-11 am, SAC R-124. Go to www.sac.edu/disted for more information					
SPANISH 102 ELEMENTARY SPANISH II 5 UNITS 27647			J. Galvan	Galvan_Javier@sac.edu	
Telecourse instruction plus mandatory on-campus review sessions: Tuesday, 2/9, 3/2, 3/23, 4/27, 5/25, 4:30-7pm, SAC D-106. 16 required lab hours, one hour per week. Go to www.sac.edu/disted for more information					

TELEVISION COURSES

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 — SPRING 2010

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM	
1	27285 English N60 28599 Counseling 116	10:15a-12:20p 8:30a-9:55a	M W M W	Bromberger K Nguyen T	I-104 B-11	
2	27306 English 061 27702 Speech 102 28613 Counseling 116	11:30a-1:35p 9:30a-10:55a 9:30a-10:55a	M W Tu Th M W	Bassett D Hondo K Coffman J	D-109 C-213 F-103	
3	27299 English 061 28611 Counseling 116	8:00a-10:05a 10:15a-11:40a	Tu Th Tu Th	Beyersdorf M Castro R	D-108 I-208	
4	27330 English 101 28607 Counseling 116	10:15a-12:20p 8:00a-9:25a	M W M W	Martinez D Lockhart A	D-102 I-202	
5	27349 English 101 28602 Counseling 116	11:30a-1:35p 9:30a-10:55a	Tu Th Tu Th	Mitzner R Kelley M	I-106 I-203	
6	27327 English 101 27440 Psych 100 28600 Counseling 116	10:00a-12:05p 8:00a-9:25a 8:00a-9:25a	Tu Th Tu Th M W	Huck T Ortiz F Romero A	I-207 D-102 C-207	
7	PUENTE 27326 28566	English 101 Counseling 111	10:15a-12:20p 12:30p-1:20p	Tu Th Tu	Martinez D Staff	D-213 C-202
8	U-LINK 27252 28622	History 121 Counseling 128	11:30a-12:55p 12:45p-3:55p	Tu Th W	Guzman K Zook R	D-103 A-130
9	U-LINK 27366 28620	English 102 Counseling 128	10:15a-12:20p 12:45p-3:55p	M W W	Patterson K Castellanos M	I-106 I-108
10	U-LINK 28109 28109 30862	Chem 109 Chem 109 L Counseling 128	1:00p-2:25p 3:00p-6:10p 2:30p-5:40p	M W M W	Kelcher M Kelcher M Lockhart A	R-126 R-309 I-101
11	28159 Math N48 28638 Counseling 116	8:00a-10:05a 10:15a-11:40a	M W M W	Rogers N Castro R	L-203 B-11	

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
12	28249 Math 060 28612 Counseling 116	8:00a-10:05a 11:00a-12:25p	Tu Th Tu Th	Marecek L Robledo R	H-109 I-203
13	28215 Math 060 28605 Counseling 116	9:45a-11:50a 8:00a-9:25a	M W M W	Root A Turner E	H-108 I-206
14	28326 Math 080 28606 Counseling 116	12:00p-2:30p 10:00a-11:25a	M W M W	Vu D Plum C	H-107 I-109
15	28331 Math 080 28604 Counseling 116	9:15a-11:45a 12:00p-1:25p	Tu Th Tu Th	Sandoval M Blake S	H-107 I-202
16	28368 Math 105 28603 Counseling 116	8:00a-10:05a 11:00a-12:25p	Tu Th Tu Th	Everett M Everett K	B-11 I-209

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.

SPRING 2010 HONORS CLASSES:

Earth Science 110H 28223	1:30p-4:30p	W	Coyne C	R-111
English 101H 27365	7:30a-9:35a	Tu Th	Bassett D	I-106
English 101H 27388	8:00a-10:05a	Tu Th	Patterson K	I-104
English 101H 27360	1:15p-3:20p	MW	Munoz J	D-211
English 103H 27385	9:45a-11:50a	Tu Th	Bennett G	D-109
History 101H 27228	7:00p-10:10p	M	Martin R	D-210
History 121H 27253	12:00p-1:25p	M W	Staff	I-109
History 124H 27263	11:30a-12:55p	M W	Guzman K	B-31
Political Science 101H 27010	8:00a-9:25a	M W	Andrade P	D-108
Psychology 100H 27476	7:00p-10:10p	Tu	Larson M	D-304
Spanish 102H 27624	1:00p-3:30p	Tu Th	Guerrero-Phlaum M	I-208
Television/Video 105H 28936	9:30a-10:55a	M W	Bales T	A-210

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 — SPRING 2010

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
1	28131 Chemistry 219 28131 Chemistry 219 L 28567 Counseling 111	9:30-10:55a 9:00-12:10p 9:00-9:50a	M W Tu Th F	McMillan J McMillan J Scharf M	R-126 R-309 I-104
2	28433 Math 203	7:45-9:50p	Tu Th	Hendon S	H-109

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ACCOUNTING

ACCOUNTING 010, ACCOUNTING PROCEDURES 3 UNITS

Emphasizes the basic accounting cycle including related financial statements and an introduction to the adjustment process. Designed for the occupationally-oriented student or those preparing for Accounting 100A, 100B, or 101.

27753	9:30a-10:55a	Tu Th	Gonzalez Del Rio R	SAC A-207	Full Semester
27769	7:00p-10:10p	M	Bloom G	SAC A-207	Full Semester

ACCOUNTING 032, ACCOUNTING FOR PAYROLL, SALES TAX AND WORKERS' COMPENSATION 1 UNIT

How to account for payroll, sales tax and Workers' Compensation. Forms, deposit requirements, and related information.

Material Fee(s): \$2

27770	4:30p-6:55p	M	Bloom M	SAC A-222	02/08-03/29
27776	4:30p-6:55p	M	Bloom M	SAC A-222	04/12-05/24

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.

Material Fee(s): \$2

27782	TBA		Shain S	SAC WEB	04/12-06/04
Section 27782 Online instruction. Go to www.sac.edu/disted for more information. Email instructor on first week of class. (Shain_Sheila@sac.edu)					
27781	TBA		Shain S	SAC WEB	02/08-03/29
Section 27781 Online instruction. Go to www.sac.edu/disted for more information. Email instructor on first week of class. (Shain_Sheila@sac.edu)					
30844	7:00p-10:25p	M	Bloom M	SAC A-222	04/12-05/24
30843	7:00p-10:25p	M	Bloom M	SAC A-222	02/08-03/29

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.

27783	6:00p-9:00p	W	Trone J	SAC A-209	Full Semester
Section 27783 combines on-campus meetings every Wed, 6:00pm-9:00pm, SAC A-209 plus online instruction.					
30842	8:00a-10:05a	Tu	Shain S	SAC A-211	Full Semester
Section 30842 combines online instruction plus mandatory on-campus meetings every Tuesday, 8:00am-10:05am, SAC A-211.					
27796	8:00a-12:20p	Sa	Muise M	SAC A-209	Full Semester
27838	8:00a-10:05a	MW	Mitchell E	SAC A-211	Full Semester
27840	9:30a-11:35a	MW	Shain S	SAC A-209	Full Semester
27843	10:15a-12:20p	Tu Th	Mitchell E	SAC A-211	Full Semester
27844	11:15a-1:20p	Tu Th	Trone J	SAC A-209	Full Semester
27857	6:00p-10:10p	M	Mitchell E	SAC A-211	Full Semester
27854	6:00p-10:10p	Th	Grooms M	SAC A-211	Full Semester
27852	6:00p-10:10p	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.

28890	9:00a-11:00a	Tu Th	Trone J	SAC A-209	Full Semester
27938	10:15a-12:20p	MW	Mitchell E	SAC A-211	Full Semester
27939	6:00p-10:15p	W	Mitchell E	SAC A-211	Full Semester
27941	6:00p-10:15p	Th	Phung T	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.

30841	TBA		Trone J	SAC WEB	02/08-04/02
Section 30841 online instruction. Go to www.sac.edu/disted for more information. Email instructor on first week of class. (Trone_Jinhee@sac.edu)					
27937	TBA		Trone J	SAC WEB	Full Semester
Section 27937 online instruction. Go to www.sac.edu/disted for more information. Email instructor on first week of class. (Trone_Jinhee@sac.edu)					
27935	6:00p-10:15p	Tu	Matheny R	SAC A-209	Full Semester

ACCOUNTING 108, TAX PRACTICES AND PROCEDURES 3 UNITS

The course covers various special topics in tax, including specialized returns and taxpayers; practices, procedures and representation before the IRS and completion of the tax filing process.

27932	6:00p-9:10p	Th	Siebert P	SAC A-210	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ACCOUNTING 110, FINANCIAL ACCOUNTING INTERACTIVE LAB 1 UNIT

A computer simulation that allows students to review financial accounting principles and practices in an interactive computer program. Suggested preparation: completion of, or concurrent enrollment in any financial accounting course.

Open Entry / Open Exit

Material Fee(s): \$2

27788	TBA		Shain S	SAC A-222	Full Semester
Class meets: Mon, 12:35pm-2:30pm OR Tues, 5:00pm-6:55pm OR Wed, 12:00pm-1:30pm. Select one hour per week to attend.					

ACCOUNTING 111, MANAGERIAL ACCOUNTING INTERACTIVE LAB 1 UNIT

A computer simulation that allows students to review managerial accounting principles and practices in an interactive computer program. Suggested preparation: completion of, or concurrent enrollment in, any managerial or cost accounting course.

Open Entry / Open Exit

Material Fee(s): \$2

27789	TBA		Shain S	SAC A-222	Full Semester
Class meets: Mon, 12:35pm-2:30pm OR Tues, 5:00pm-6:55pm OR Wed, 12:00pm-1:30pm. Select one hour per week to attend.					

ACCOUNTING 121, EXCEL LAB FOR FINANCIAL ACCOUNTING 1 UNIT

This course furthers a student's application of financial accounting skills and knowledge by using Excel spreadsheet software for accounting functions such as financial statement preparation, special journal entries, bank reconciliations, and financial analysis. Recommended completion of, or concurrent enrollment in Accounting 010 or 101, and knowledge of basic Excel functions.

Material Fee(s): \$2

27790	TBA		Shain S	SAC A-222	Full Semester
Class meets: Mon, 12:35pm-2:30pm OR Tues, 5:00pm-6:55pm OR Wed, 12:00pm-1:30pm. Select one hour per week to attend.					

ACCOUNTING 122, EXCEL LAB FOR MANAGERIAL AND COST ACCOUNTING 1 UNIT

This course furthers a student's application of managerial and cost accounting skills and knowledge by using Excel spreadsheet software for accounting functions such as cost allocations, budgeting, performance analysis, and decision making. Recommended completion of, or concurrent enrollment in Accounting 102, and knowledge of basic Excel functions.

Material Fee(s): \$2

27791	TBA		Shain S	SAC A-222	Full Semester
Class meets: Mon, 12:35pm-2:30pm OR Tues, 5:00pm-6:55pm OR Wed, 12:00pm-1:30pm. Select one hour per week to attend.					

ACCOUNTING 124, INCOME TAX ACCOUNTING LAB 1 UNIT

This course enhances a student's knowledge of basic income tax preparation, planning and income tax research skills, using exercises and problems. Tax returns will be prepared using computer software applications for income taxes. Recommended completion of Accounting 010 or 101 and Accounting 104.

27792	TBA		Shain S	SAC A-222	Full Semester
Class meets: Mon, 12:35pm-2:30pm OR Tues, 5:00pm-6:55pm OR Wed, 12:00pm-1:30pm. Select one hour per week to attend.					

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

27786	7:00p-10:10p	Tu	Bloom M	SAC A-228	Full Semester
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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.

27536	TBA		Light L	SAC TV	Full Semester
Section 27536 Telecourse instruction plus optional on-campus review sessions: Mon. 2/8, 3/8, 4/19, 5/24, 5-6pm, SAC D-102. Go to www.sac.edu/disted for more information.					
27529	8:00a-9:25a	Tu Th	Morales A	SAC D-401	Full Semester
27535	9:45a-11:10a	Tu Th	Morales A	SAC D-401	Full Semester
27533	9:45a-11:10a	MW	Wood S	SAC D-401	Full Semester
27530	6:00p-9:10p	F	Evans T	SAC A-210	04/16-06/05
	9:00a-12:10p	Sa	Evans T	SAC A-210	
27528	7:00p-10:10p	Th	Royston C	SAC D-401	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

27545	8:00a-9:25a	M W	Cundiff W	SAC D-401	Full Semester
27541	11:30a-12:55p	M W	Robertson M	SAC D-401	Full Semester
27540	11:30a-12:55p	Tu Th	Robertson M	SAC D-401	Full Semester
27539	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.

Prerequisite: Anthropology 101L or concurrent enrollment.

27546	1:30p-4:40p	Th	Robertson M	SAC D-401	Full Semester
27542	1:30p-4:40p	W	Robertson M	SAC D-401	Full Semester
27544	7:00p-10:10p	W	Robertson M	SAC D-401	Full Semester

ANTHROPOLOGY 108, RELIGION, MAGIC, AND WITCHCRAFT 3 UNITS

An introduction to the anthropology of religion, magic, and witchcraft. A cross cultural study focusing on the beliefs and practices of early, non-western, and traditional religious systems with emphasis on the forms, functions, structures, symbolism, history, and evolution.

27547	9:30a-10:55a	Tu Th	Robertson M	SAC I-102	Full Semester
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ART

ART 009, ART LAB 0.5 UNIT

Open lab session designed for studio art students to put in additional hours on projects. Projects, determined by class assignments, vary each semester. Twenty-four lab hours per semester earn .5 unit.

Open Entry / Open Exit

27695	9:00a-12:05p	F	Crabb P	SAC C-105	Full Semester
W 28548	12:30p-3:40p	Sa	Staff	SAC C-105	Full Semester
27705	5:15p-6:20p	M W	Orr E	SAC C-210	Full Semester
27699	5:15p-6:20p	Tu Th	Orr E	SAC C-208	Full Semester

ART 098, DIGITAL 3D MODELING & ANIMATION BASICS 0.2 UNIT

Introduction to college-level digital 3D modeling & animation basics. This hands-on class will focus on modeling and animating a cartoon character from an instructor provided drawing, using 3D Studio Max software.

W 28650	9:00a-4:30p	Sa	Waterman P	SAC A-223	04/10-04/10
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ART 100, INTRODUCTION TO ART CONCEPTS 3 UNITS

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.

27766	TBA		Brown S	SAC WEB	Full Semester
Section 27766 Go to www.sac.edu/disted for more information. Email instructor first week of class.(Brown_Sharon@sac.edu)					
27740	TBA		Brown S	SAC WEB	Full Semester
Section 27740 Go to www.sac.edu/disted for more information. Email instructor first week of class (redfield_michael@sac.edu)					
27760	8:00a-9:25a	M W	Leysen M	SAC C-104	Full Semester
27742	8:00a-9:25a	Tu Th	Redfield M	SAC C-104	Full Semester
27764	11:00a-12:25p	M W	Marquez P	SAC C-207	Full Semester
27757	11:00a-12:25p	Tu Th	Redfield M	SAC C-104	Full Semester
27733	12:30p-1:55p	M W	Lee D	SAC C-104	Full Semester
27743	1:00p-2:25p	Tu Th	Staff	SAC C-104	Full Semester
W 27735	6:00p-10:05p	F	Redfield M	SAC A-130	04/16-05/22
W 27735	12:30p-4:35p	Sa	Redfield M	SAC A-130	
27737	6:30p-9:40p	W	Soriano I	SAC C-104	Full Semester

ART 101, SURVEY OF WESTERN ART HISTORY I: PREHISTORY THROUGH THE MIDDLE AGES 3 UNITS

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.

27767	6:30p-9:40p	Th	Soriano I	SAC C-207	Full Semester
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ART 102, SURVEY OF WESTERN ART HISTORY II: RENAISSANCE THROUGH THE TWENTIETH CENTURY (FORMERLY WESTERN ART HISTORY) 3 UNITS

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.

27774	9:30a-10:55a	Tu Th	Soriano I	SAC C-207	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ART 104, MEXICAN AND CHICANO ART HISTORY 3 UNITS

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.

28099	9:30a-10:55a	M W	Soriano I	SAC A-130	Full Semester
28100	11:00a-12:25p	Tu Th	Soriano I	SAC A-210	Full Semester
28097	6:30p-9:40p	M	Soriano I	SAC C-104	Full Semester

ART 105, HISTORY OF MODERN ART 3 UNITS

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.

28102	7:00p-10:10p	M	Staff	SAC C-213	02/08-06/06
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ART 110, TWO-DIMENSIONAL DESIGN 3 UNITS

Study of the basic terminology and principles of visual organization and color theory. Application of concepts through creative projects. Required for art majors.

30570	9:30a-12:40p	M W	Di Michele D	SAC C-208	Full Semester
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ART 111, THREE-DIMENSIONAL DESIGN 3 UNITS

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.

28104	9:30a-12:40p	Tu Th	Hassold L	SAC C-106	Full Semester
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ART 115, ART FORUM: ISSUES IN CONTEMPORARY ART 1 UNIT

An arena for dialogue on current topics in the visual arts. Speakers, films, slides, discussions cover issues in contemporary art. The focus is on understanding the varied directions of art from the mid-20th century to present. Topics differ each semester. Two semesters (2 units) required for art majors.

27734	12:30p-1:55p	M	Lee D	SAC C-104	Full Semester
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ART 121A, FUNDAMENTALS OF TYPOGRAPHY 3 UNITS

Introduction to the use of type styles and their characteristics as a means toward understanding design and communication through type solutions. Projects will explore current graphics industry practices and standards, including the use of digital technology and traditional hand skills. Art 110 recommended.

Prerequisite: Art 195.

Material Fee(s): \$15

28124	6:30p-9:40p	Tu Th	Tani K	SAC A-219	Full Semester
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ART 121B, ADVANCED TYPOGRAPHY 3 UNITS

This course provides continued study in typography as a means for solving complex graphic design problems, such as illustrative type or multiple page layout using traditional hand skills, digital technology and portfolio presentations.

Prerequisite: Art 121A.

Material Fee(s): \$15

30512	6:30p-9:40p	Tu Th	Tani K	SAC A-219	Full Semester
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ART 124, GALLERY PRODUCTION 0.5 - 2 UNITS

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.

Open Entry / Open Exit

28108	TBA		Marquez P	SAC C-106	Full Semester
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New!

Career Training Options

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- ▶ Art-Digital Media Freelance
- ▶ Digital Music Production
- ▶ Entertainment Lighting Technology
- ▶ TV/Video Communications-Media Studies

Contact Fine & Performing Arts Division, 714-564-5600

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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					
28143	9:00a-1:10p	F	Caterina A	SAC A-219	Full Semester
28146	3:00p-5:05p	MW	Brown S	DMC-104	Full Semester
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>					
W 28272	9:00a-3:50p	Sa	Hower T	SAC C-210	Full Semester
28463	9:30a-12:40p	MW	Wagstaff J	SAC C-210	Full Semester
28258	1:00p-4:10p	Tu Th	Herberg M	SAC C-210	Full Semester
28263	2:00p-5:10p	MW	Lee D	SAC C-208	Full Semester
28234	6:30p-9:40p	Tu Th	Genoway K	SAC C-208	Full Semester
28279	6:30p-9:40p	MW	Leyson M	SAC C-208	Full Semester
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>					
28475	6:30p-9:40p	Tu Th	Du Plessis D	SAC C-210	Full Semester
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.					
28501	9:00a-3:30p	F	Hardy K	SAC C-210	Full Semester
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.					
28503	9:00a-3:30p	F	Hardy K	SAC C-210	Full Semester
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>					
Prerequisite: Art 130.					
28505	1:00p-5:10p	Tu	Orr E	SAC C-208	Full Semester
ART 140B, WATERCOLOR PAINTING 2 UNITS					
<i>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.</i>					
Prerequisite: Art 140A.					
28507	1:00p-5:10p	Tu	Orr E	SAC C-208	Full Semester
ART 141, BEGINNING PAINTING 3 UNITS					
<i>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.</i>					
28511	2:00p-5:10p	MW	Orr E	SAC C-210	Full Semester
28537	6:30p-9:40p	MW	Orr E	SAC C-210	Full Semester
ART 151, CERAMICS-INTRODUCTORY LEVEL 3 UNITS					
<i>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.</i>					
Material Fee(s): \$8					
W 28547	9:00a-3:40p	Sa	Staff	SAC C-105	Full Semester
28544	9:00a-12:10p	MW	Crabb P	SAC C-105	Full Semester
31312	1:00p-4:10p	MW	Crabb P	SAC C-105	02/08-06/06
28550	7:00p-10:10p	Tu Th	Crabb P	SAC C-105	Full Semester
ART 152, CERAMICS-INTERMEDIATE THROWING 3 UNITS					
<i>Further study of wheel thrown techniques, with an emphasis on functional, utilitarian forms. Students provide own clay and tools.</i>					
Prerequisite: Art 151.					
Material Fee(s): \$8					
28554	7:00p-10:10p	Tu Th	Crabb P	SAC C-105	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ART 153, CERAMICS-INTERMEDIATE HANDBUILDING 3 UNITS					
<i>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.</i>					
Prerequisite: Art 151.					
Material Fee(s): \$8					
28545	9:00a-12:10p	MW	Crabb P	SAC C-105	Full Semester
ART 159B, CERAMIC COLOR DECORATION: HIGH TEMPERATURE 3 UNITS					
<i>Exploration of surface color decoration on ceramic vessels within the realm of high stoneware temperatures. Emphasizes glazing techniques such as marbling, feathering, mishima, brush decoration, stencils, stamp printing, spraying, slip painting, glaze trailing, wax resist, and terra sigillata.</i>					
Prerequisite: Art 151.					
Material Fee(s): \$8					
30513	1:00p-4:10p	MW	Crabb P	SAC C-105	Full Semester
28555	7:00p-10:10p	Tu Th	Crabb P	SAC C-105	Full Semester
ART 162, DIGITAL DESIGN WITH PHOTOSHOP-I 3 UNITS					
<i>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.</i>					
Prerequisite: Art 195 or portfolio approval.					
Material Fee(s): \$15					
28560	6:30p-9:40p	MW	Brown S	DMC-104	Full Semester
ART 163, DIGITAL DESIGN WITH PHOTOSHOP-II 3 UNITS					
<i>Intermediate production oriented applications of Photoshop to create portfolio. 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.</i>					
Prerequisite: Art 162 or portfolio approval.					
Material Fee(s): \$15					
28559	6:30p-9:40p	MW	Brown S	DMC-104	Full Semester
ART 164, WEB DESIGN WITH FLASH 3 UNITS					
<i>Introduction to multimedia tools; graphics, text, sound, motion, using Flash software. Students research how Flash is used in business presentations, advertising, entertainment, and self-promotion. Overview of elements and principles of design and motion.</i>					
Prerequisite: Art 129 or 195 or 229 or Computer Science 155 or 156 or portfolio approval.					
Material Fee(s): \$10					
W 28561	4:00p-10:10p	F	Caron L	DMC-104	Full Semester
ART 166, CREATING REALISM WITH TEXTURES AND LIGHTS 3 UNITS					
<i>Achieve realistic looking surface textures for 3D models with the proper use of the material editor. Effectively illuminate 3D scenes using a variety of lighting effects. Compose 3D environments for maximum impact with cameras.</i>					
Prerequisite: Art 162, or TV/Video Communications 181/182.					
Material Fee(s): \$15					
30815	7:00p-10:10p	Tu Th	Waterman P	SAC A-223	Full Semester
ART 182, INTRODUCTION TO JEWELRY 3 UNITS					
<i>Basic instruction in jewelry fabrication including silver soldering, direct casting, and forging, patinas, cold connection, and piercing.</i>					
Material Fee(s): \$25					
W 28583	9:00a-4:10p	Sa	Monroe J	SAC C-106	Full Semester
ART 191A, DIGITAL PUBLISHING WITH INDESIGN 3 UNITS					
<i>An introduction to desktop publishing and page layouts, including experience in design and development of single and multiple page documents. Also includes advanced technique in complex documents and web-ready pages using the InDesign software on the Macintosh.</i>					
Prerequisite: Art 195.					
Material Fee(s): \$10					
28617	10:30a-1:40p	Tu Th	Baitoo H	SAC A-219	Full Semester
ART 192A, DIGITAL ILLUSTRATION WITH ILLUSTRATOR 2 UNITS					
<i>An introduction to design and illustration techniques using the Adobe Illustrator program on the Macintosh. Instruction in commonly used professional industry topics and techniques, for print, animation and the web.</i>					
Prerequisite: Art 195.					
Material Fee(s): \$15					
28621	6:30p-9:40p	Tu Th	Nielsen C	DMC-104	Full Semester
ART 195, INTRODUCTION TO DIGITAL MEDIA ARTS 3 UNITS					
<i>Introduction to digital media arts for artists, photographers, Web designers, programmers, and animation artists. Includes an overview of Photoshop, Illustrator, InDesign, digital graphics terminology, careers, market applications and design components. Work in computer lab with scanners, printers, CD ROM's and the Web.</i>					
Material Fee(s): \$10					
28626	8:00a-10:05a	Tu Th	Baitoo H	SAC A-219	Full Semester
28625	8:50a-10:55a	MW	Caterina A	SAC A-219	Full Semester
31166	11:00a-1:05p	Tu Th	Brown S	DMC-104	Full Semester
28635	1:00p-3:05p	MW	Tani K	SAC A-219	Full Semester
28636	3:00p-5:05p	Tu Th	Nielsen C	DMC-104	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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).

Material Fee(s): \$15

30816	9:00a-2:00p	F	Waterman P	SAC A-223	Full Semester
	9:00a-1:00p	Sa	Waterman P	SAC A-223	
28562	6:00p-10:15p	M	Waterman P	SAC A-223	Full Semester
	5:00p-10:00p	W	Waterman P	SAC A-223	

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.

28275	9:00a-3:50p	Sa	Hower T	SAC C-210	Full Semester
28467	9:30a-12:40p	M W	Wagstaff J	SAC C-210	Full Semester
28260	1:00p-4:10p	Tu Th	Herberg M	SAC C-210	Full Semester
28267	2:00p-5:10p	M W	Lee D	SAC C-208	Full Semester
28281	6:30p-9:40p	M W	Leysen M	SAC C-208	Full Semester
28242	6:30p-9:40p	Tu Th	Genoway K	SAC C-208	Full Semester

ART 231, INTERMEDIATE LIFE DRAWING**1.5 - 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.

28482	6:30p-9:40p	Tu Th	Du Plessis D	SAC C-210	Full Semester
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ART 232, ADVANCED LIFE DRAWING**1.5 - 3 UNITS**

Intensive study of the figure with further development of drawing skills, composition, techniques and media utilizing the live model. Projects vary each semester.

Prerequisite: Art 231.

28483	6:30p-9:40p	Tu Th	Du Plessis D	SAC C-210	Full Semester
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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.

28276	9:00a-3:50p	Sa	Hower T	SAC C-210	Full Semester
28470	9:30a-12:40p	M W	Wagstaff J	SAC C-210	Full Semester
28268	1:00p-4:10p	M W	Lee D	SAC C-208	Full Semester
28261	2:00p-5:10p	Tu Th	Herberg M	SAC C-210	Full Semester
28282	6:30p-9:40p	M W	Leysen M	SAC C-208	Full Semester
28245	6:30p-9:40p	Tu Th	Genoway K	SAC C-208	Full Semester

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.

28509	1:00p-5:10p	Tu	Orr E	SAC C-208	Full Semester
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ART 241, INTERMEDIATE PAINTING**1.5 - 3 UNITS**

An intermediate level class designed to promote and advance the creative development of those with basic skills in water-soluble oil /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 041 or Art 141.

28514	2:00p-5:10p	M W	Orr E	SAC C-210	Full Semester
28540	6:30p-9:40p	M W	Orr E	SAC C-210	Full Semester

ART 242, ADVANCED PAINTING**1.5 - 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.

28515	2:00p-5:10p	M W	Orr E	SAC C-210	Full Semester
28541	6:30p-9:40p	M W	Orr E	SAC C-210	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ART 250, ADVANCED STUDIO CONCEPTS**1.5 - 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.

28504	9:00a-3:30p	F	Hardy K	SAC C-210	Full Semester
28546	9:00a-12:10p	M W	Crabb P	SAC C-105	Full Semester
28106	9:30a-12:40p	Tu Th	Hassold L	SAC C-106	Full Semester
31313	1:00p-4:10p	M W	Crabb P	SAC C-105	Full Semester
30514	2:00p-5:10p	Tu Th	Orr E	SAC C-208	Full Semester
28522	2:00p-5:10p	M W	Orr E	SAC C-210	Full Semester
28649	6:00p-10:15p	Th	Monroe J	SAC C-106	Full Semester
28542	6:30p-9:40p	M W	Orr E	SAC C-210	Full Semester
28484	6:30p-9:40p	Tu Th	Du Plessis D	SAC C-210	Full Semester
28283	6:30p-9:40p	M W	Leysen M	SAC C-208	Full Semester
28557	7:00p-10:10p	Tu Th	Crabb P	SAC C-105	Full Semester

ART 282, JEWELRY II**3 UNITS**

Continued instruction in the making of jewelry by means of fabrication, including techniques in silver soldering, die forming, etching, tool making, and hinge mechanisms.

Prerequisite: Art 182.

Material Fee(s): \$25

28588	9:00a-4:10p	Sa	Monroe J	SAC C-106	Full Semester
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ART 283, JEWELRY III**3 UNITS**

Advanced instruction in the making of jewelry by means of complex fabrication. Explores various traditional metal working techniques including mokume, inlay, complex soldering and raising. Gives opportunity for intensive work on projects of individual interest.

Prerequisite: Art 282.

Material Fee(s): \$25

28594	9:00a-4:10p	Sa	Monroe J	SAC C-106	Full Semester
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ART 284, INTRODUCTION TO STONE SETTING-JEWELRY**2 UNITS**

Course is an introduction to basic jewelry hand skills, including sawing, filing, soldering, and some fabrication. Emphasis is on cabochon and tube stone setting. Students supply their own stones and metal.

Material Fee(s): \$25

28647	6:00p-10:15p	Th	Monroe J	SAC C-106	Full Semester
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ASIAN AMERICAN STUDIES

ASIAN AMERICAN STUDIES 101, INTRODUCTION TO ASIAN AMERICAN STUDIES**3 UNITS**

An interdisciplinary survey of Asian American communities through examination of the various immigration histories, cultural backgrounds, images in literature and art, social movements and contemporary issues.

27650	7:00p-10:10p	Tu	Herrera Thomas H	SAC D-201	Full Semester
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ASTRONOMY

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

Surveys history of astronomy, recent research and space flight observations of the planets, moons, and other solar system objects. Highlights development of objects and future explorations.

28095	7:30a-8:55a	Tu Th	Mayo W	SAC R-318	Full Semester
28093	7:00p-10:10p	W	Thornton C	SAC R-128	Full Semester

ASTRONOMY 110, INTRODUCTION TO STARS AND GALAXIES**3 UNITS**

Surveys recent research about the sun and other stars, exploding stars and black holes, the Milky Way galaxy, other galaxies and the big bang theory.

28101	11:00a-12:25p	M W	Eastmond T	SAC R-128	Full Semester
28103	1:00p-4:10p	W	Kalko J	SAC R-318	Full Semester
28105	1:15p-2:40p	Tu Th	Kalko J	SAC R-124	Full Semester

ASTRONOMY 140, ASTRONOMY LABORATORY**1 UNIT**

Elementary observational and experimental astronomy. Techniques of naked eye, binocular and small telescope observation, time keeping and practice in astrophotography with small telescopes. Class may include field trips to dark sky areas.

Prerequisite: Astronomy 109, 110, 110H, or 150 concurrent enrollment.

28107	1:15p-4:25p	Tu	Budarz T	SAC R-328	Full Semester
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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.

29819	9:00a-12:10p	F	Wilkes D	SAC J-115	Full Semester
29820	5:00p-6:25p	M W	Serrano, Jr. M	SAC J-115	Full Semester

AUTOMOTIVE TECHNOLOGY 006, AUTOMOTIVE MAINTENANCE**4 UNITS**

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.

29821	12:30p-3:55p	Tu Th	Serrano, Jr. M	SAC J-115	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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AUTOMOTIVE TECHNOLOGY 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 Diesel 008 and Welding 008.)

29841	8:00a-11:30a	Tu Th	Moreno G	SAC K-101	Full Semester
29849	6:00p-9:30p	M W	Moreno G	SAC K-101	Full Semester
29844	6:00p-9:30p	Tu Th	Moreno G	SAC K-101	Full Semester

AUTOMOTIVE TECHNOLOGY 024, ELECTRICAL SYSTEMS 5 UNITS

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.

29823	6:30p-10:35p	Tu Th	Hammonds E	SAC J-102	Full Semester
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AUTOMOTIVE TECHNOLOGY 032, TUNE-UP 5 UNITS

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.

29835	8:00a-12:05p	Tu Th	Wilkes D	SAC J-102	Full Semester
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AUTOMOTIVE TECHNOLOGY 044, POWER TRAIN SERVICE 4 UNITS

Theory, operation, diagnosis, and service of manual transmissions, transaxles, clutches, drive shafts, and differentials. This course also covers minor service of automatic transmissions. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006.

29824	6:30p-10:45p	M W	Wilkes D	SAC J-102	Full Semester
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AUTOMOTIVE TECHNOLOGY 053, BRAKES 4 UNITS

Theory of operation, diagnosis and service of drum, disc and anti-lock brake systems. Students must furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006.

29826	6:30p-10:35p	M W	Serrano, Jr. M	SAC J-115	Full Semester
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AUTOMOTIVE TECHNOLOGY 076, ENGINE REPAIR 4.5 UNITS

This course deals with teardown, assembly, and repair of modern automotive engines. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006 (may be taken concurrently.)

29837	8:00a-12:05p	M W	Hammonds E	SAC J-102	Full Semester
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AUTOMOTIVE TECHNOLOGY 082, AUTOMOTIVE COMPUTER SENSORS 3 UNITS

This course covers the function and testing of computerized engine sensors used on modern vehicles. The use of meters and test equipment will be emphasized. Suggested preparation: Automotive Technology 022, 032, or one year trade experience in automotive tune-up.

29836	5:00p-6:25p	Tu Th	Hammonds E	SAC J-102	Full Semester
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AUTOMOTIVE TECHNOLOGY 085, BASIC CLEAN AIR CAR COURSE 5 UNITS

Bureau of Automotive Repair recognized Basic Clean Air Car Course. This course fulfills one of the required courses the student needs to take the State Smog Technician Exam.

Prerequisite: Minimum of 9 semester units of automotive tune-up/electrical course work or 1 year of verifiable automotive tune-up electrical trade experience.

Open Entry / Open Exit

W 29831	5:30p-10:50p	F	Wilkes D	SAC J-102	Full Semester
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AUTOMOTIVE TECHNOLOGY 095, AUTOMOTIVE LAB EXPERIENCE 0.5 - 4 UNITS

This automotive lab course is designed to give the automotive student lab experience in an automotive course previously completed with a grade of C or better. The student must be enrolled by the instructor. Students furnish hand tools and safety equipment. May be repeated to a maximum of 4 units. (Same as Diesel 095.)

Prerequisite: Completion of corresponding Automotive Technology course with a grade of C or better.

Open Entry / Open Exit

29834	TBA		Serrano, Jr. M	SAC J-115	Full Semester
29832	TBA		Hammonds E	SAC J-102	Full Semester
29833	TBA		Wilkes D	SAC J-102	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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 29244	9:00a-2:50p	Sa	Trabant T	SAC A-207	02/20-03/27
W 29245	9:00a-2:50p	Sa	Trabant T	SAC A-207	04/17-05/22

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. Not open to students who are enrolled in or have credit in Biology 159. Designed for non-biology majors.

28982	TBA		Rourke M	SAC WEB	Full Semester
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Section 28982 Go to www.sac.edu/disted for more information. Email instructor first week of class. (rourke_michael@sac.edu)

28980	TBA		Mansfield P	SAC WEB	Full Semester
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Section 28980 Go to www.sac.edu/disted for more information. Email instructor first week of class. (mansfield_patricia@sac.edu)

28979	TBA		Rourke M	SAC WEB	Full Semester
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Section 28979 Go to www.sac.edu/disted for more information. Email instructor first week of class. (rourke_michael@sac.edu)

28576	8:00a-9:25a	M W	Lopez J	SAC R-124	Full Semester
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W 28591	9:00a-12:10p	Sa	Staff	SAC R-128	Full Semester
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28581	9:15a-10:40a	M W	Goldmann D	SAC R-128	Full Semester
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28584	12:15p-3:25p	F	Nguyen P	SAC R-124	Full Semester
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28589	1:00p-2:25p	Tu Th	Staff	SAC R-128	Full Semester
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28587	7:00p-10:10p	M	Goldmann D	SAC R-124	Full Semester
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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 or 159 lecture material.

Prerequisite: Biology 109 or 159 or concurrent enrollment.

28663	8:00a-11:10a	F	Boyd D	SAC R-202	Full Semester
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28655	10:00a-1:10p	Tu	Staff	SAC R-202	Full Semester
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28623	11:00a-2:10p	W	Staff	SAC R-202	Full Semester
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28653	11:00a-2:10p	M	Beltran J	SAC R-202	Full Semester
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28666	11:30a-2:40p	F	Sanchez S	SAC R-202	Full Semester
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W 28665	12:30p-3:40p	Sa	Grewall M	SAC R-202	Full Semester
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28658	2:15p-5:25p	W	Sharar E	SAC R-202	Full Semester
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28654	2:30p-5:40p	M	Beltran J	SAC R-202	Full Semester
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W 28656	3:00p-6:10p	Tu	Patel D	SAC R-202	Full Semester
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28664	3:30p-6:40p	F	Staff	SAC R-202	Full Semester
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28661	3:30p-6:40p	Th	Takahashi M	SAC R-202	Full Semester
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28660	7:00p-10:10p	W	Wood-Rogers L	SAC R-202	Full Semester
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28662	7:00p-10:10p	Th	Staff	SAC R-202	Full Semester
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28657	7:00p-10:10p	Tu	Staff	SAC R-202	Full Semester
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BIOLOGY 115, CONCEPTS IN BIOLOGY FOR EDUCATORS 4 UNITS

An investigation in the basic principles of Biology and Science with content appropriate for future multiple-subject teachers and secondary through high school. The course material is presented within the context of the human experience and includes cell biology, physiology, genetics, evolution, ecology, animal behavior, and the interaction of humans with the environment. The course is taught from an inquiry-based strategy using active learning.

28619	8:00a-11:10a	M	Boyd D	SAC R-228	Full Semester
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	8:00a-11:10a	W	Boyd D	SAC R-228	
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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

Material Fee(s): \$15

28669	5:30p-6:55p	Tu Th	Oertel P	SAC R-128	Full Semester
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	7:15p-9:20p	Tu Th	Oertel P	SAC R-226	
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28667	5:30p-6:55p	Tu Th	Oertel P	SAC R-128	Full Semester
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	12:00p-2:05p	Tu Th	Oertel P	SAC R-226	
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28668	5:30p-6:55p	Tu Th	Oertel P	SAC R-128	Full Semester
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	2:30p-4:35p	Tu Th	Oertel P	SAC R-226	
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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.

28677	6:00p-9:10p	Tu	Cast S	SAC R-124	Full Semester
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	7:00p-10:10p	Th	Cast S	SAC R-201	
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28672	6:00p-9:10p	Tu	Cast S	SAC R-124	Full Semester
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	9:00a-12:10p	Th	Hampton J	SAC R-201	
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ALL BIOLOGY CLASSES FIRST CLASS MEETING

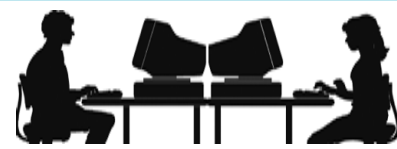
Students who do not attend the FIRST LABORATORY session may be DROPPED from the roll sheet. A new lab manual is required for the first laboratory session.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
BIOLOGY 211, CELLULAR AND MOLECULAR BIOLOGY 5 UNITS					
<i>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.</i>					
Prerequisite: Mathematics 080 with a grade of C or better.					
29023	9:00a-10:25a 10:35a-1:40p	Tu Th Tu Th	Oertel P Lopez J	SAC I-204 SAC R-219	Full Semester
28679	4:00p-5:25p 5:45p-8:55p	Tu Th Tu Th	Lui A Lui A	SAC R-124 SAC R-219	Full Semester
BIOLOGY 212, ANIMAL DIVERSITY AND ECOLOGY 5 UNITS					
<i>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.</i>					
Prerequisite: Biology 211 with a grade of C or better.					
28695	10:30a-11:55a M W 1:00p-4:10p M W		Lopez J Lopez J	SAC I-203 SAC R-228	Full Semester
BIOLOGY 214, PLANT DIVERSITY AND EVOLUTION 5 UNITS					
<i>Principles and processes of evolution leading to biodiversity. Survey of the Bacteria, Archaea, and the Eukarya domain, emphasizing the kingdoms Protista, Fungi and Plantae with a detailed view of the evolutionary adaptations of the anatomy, physiology, and life cycles of these organisms. Field trips required.</i>					
Prerequisite: Biology 211 with a grade of C or better.					
28699	12:00p-1:25p 1:30p-4:40p	Tu Th Tu Th	Allen R Allen R	SAC R-228 SAC R-228	Full Semester
BIOLOGY 217, PATHOPHYSIOLOGY 2 UNITS					
<i>Covers dynamic aspects of human disease. Links sciences of anatomy, physiology and biochemistry with their application to clinical practice for health professionals.</i>					
Prerequisite: Biology 149, 239 or 249.					
28974	TBA		Hampton J	SAC WEB	Full Semester
Section 28974 This course emphasizes Pathophysiology for OTA students. Online instruction plus mandatory on-campus class meetings: Tues, Feb 9, Mar 2, Mar 30, Apr 20, May 4, and June 1 (FINAL EXAM), 4:30-6:00pm, SAC R-318. Go to www.sac.edu/disted for more information. Email instructor first week of class. (hampton_jubal@sac.edu)					
BIOLOGY 229, GENERAL MICROBIOLOGY 5 UNITS					
<i>Introduction to microorganisms, their classification, structure, biochemistry, growth, control and their interactions with other organisms and the environment. Designed for biology, preprofessional, and prenursing (BSN) majors.</i>					
Prerequisite: Biology 109/109H and 109L, or 139, or 149, or 211 or Chemistry 119 or 209.					
Material Fee(s): \$20					
28704	1:00p-2:25p 6:30p-9:40p	M W M W	Takahashi M Takahashi M	SAC R-128 SAC R-226	Full Semester
28701	1:00p-2:25p 3:00p-6:10p	M W M W	Takahashi M Takahashi M	SAC R-128 SAC R-226	Full Semester
28703	1:00p-2:25p 9:00a-12:10p	M W M W	Takahashi M Morales D	SAC R-128 SAC R-226	Full Semester
BIOLOGY 239, GENERAL HUMAN ANATOMY 4 UNITS					
<i>Structure of the human body. Systems, organs, and tissues are studied from human skeletons, models, charts, slides and CD-ROM programs. Laboratory includes the dissection of a cat; and periodic demonstrations of a prosected cadaver as available.</i>					
28989	TBA 3:00p-6:10p F		Mansfield P Johnson R	SAC WEB SAC R-201	Full Semester
Section 28989: This section will specifically utilize cadaver demonstration/dissection instead of cats. Complete online orientation exercises: http://ext.sac.edu/faculty_staff/mansfield_patricia/239orientation.html . See Online Courses page in class schedule or go to www.sac.edu/disted for more information.					
28987	TBA 6:30p-9:40p F		Mansfield P Johnson R	SAC WEB SAC R-201	Full Semester
Section 28987: Complete online orientation exercises: http://ext.sac.edu/faculty_staff/mansfield_patricia/239orientation.html . See Online Courses page in class schedule or go to www.sac.edu/disted for more information.					
28754	8:30a-11:40a 12:30p-3:40p	Sa Sa	Dibernardo L Dibernardo L	SAC R-126 SAC R-201	Full Semester
28707	10:00a-11:25a M W 4:30p-7:40p M		Hampton J Sahu P	SAC R-124 SAC R-201	Full Semester
28710	10:00a-11:25a M W 1:00p-4:10p Tu		Hampton J Hampton J	SAC R-124 SAC R-201	Full Semester
28706	10:00a-11:25a M W 1:00p-4:10p M		Hampton J Hampton J	SAC R-124 SAC R-201	Full Semester
28711	10:00a-11:25a M W 9:00a-12:10p F		Hampton J Johnson R	SAC R-124 SAC R-201	Full Semester
28709	10:00a-11:25a M W 9:00a-12:10p Tu		Hampton J Patel D	SAC R-124 SAC R-201	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
BIOLOGY 249, HUMAN PHYSIOLOGY 4 UNITS					
<i>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.</i>					
Prerequisite: Biology 239.					
28984	TBA 6:00p-9:10p W		Mansfield P Backey J	SAC WEB SAC R-219	Full Semester
Section 28984: Complete online orientation exercises: http://ext.sac.edu/faculty_staff/mansfield_patricia/249orientation.html . See Online Courses page in class schedule or go to www.sac.edu/disted for more information.					
28755	1:15p-4:25p 10:00a-1:10p W	M W	Mansfield P Mansfield P	SAC R-124 SAC R-219	Full Semester
28778	1:15p-4:25p 2:30p-5:40p W	M W	Mansfield P Mansfield P	SAC R-124 SAC R-219	Full Semester

BUSINESS

BUSINESS 080, BUSINESS MATHEMATICS 3 UNITS					
<i>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.</i>					
28027	7:00p-10:10p W		Esrow S	SAC A-222	Full Semester
BUSINESS 100, FUNDAMENTALS OF BUSINESS 3 UNITS					
<i>An introduction to the basic fundamentals of business. A survey of marketing, management, production, accounting, finance, and economics and how they interrelate in the business environment.</i>					
27908	TBA		Grant M	SAC WEB	Full Semester
Section 27908 Go to www.sac.edu/disted for more information. Email instructor first week of class. (grant_madelaine@sac.edu)					
27909	TBA		Doolittle G	SAC WEB	Full Semester
Section 27909 Go to www.sac.edu/disted for more information. Email instructor first week of class. (doolittle_glenn@sac.edu)					
27761	8:00a-9:35a Tu Th		Grant M	SAC A-203	Full Semester
27762	9:45a-11:20a M W		Doolittle G	SAC A-203	Full Semester
27907	6:00p-9:00p Tu		Koenig R	SAC A-207	Full Semester
30845	7:00p-10:10p M		Kishel G	SAC A-130	Full Semester
BUSINESS 101, BUSINESS LAW 3 UNITS					
<i>Legal fundamentals important in commerce and personal business transactions. Includes a study of types of law, the courts, torts, contracts, sales and commercial paper.</i>					
27896	7:00p-10:10p M		Mallory C	SAC A-210	Full Semester
BUSINESS 103, COOPERATIVE WORK EXPERIENCE EDUCATION-OCCUPATIONAL 1 - 4 UNITS					
<i>Supervised paid or volunteer experience in student's major including new or expanded responsibilities. One credit for each 5 hours worked per week to a maximum of 4 units for 20 hours worked per week each semester. Limitation of 16 units in occupational cooperative education courses. Students must be enrolled in a minimum of 7 units including 4 units for Business 103.</i>					
Open Entry / Open Exit					
28972	TBA		Negrete T	SAC A-107-5	Full Semester
Orientation Wed, Feb. 10, 12:00pm-12:50pm OR 6:00pm-6:50pm, SAC A-104.					
BUSINESS 105, LEGAL ENVIRONMENT OF BUSINESS 3 UNITS					
<i>A study of the courts, torts (including product liability), crimes, contracts, employment, partnerships, corporations, government regulation, and international law.</i>					
27912	TBA		Manzano F	SAC WEB	Full Semester
Section 27912 Go to www.sac.edu/disted for more information. Email instructor first week of class. (manzano_rick@sac.edu)					
27759	8:00a-9:25a M W		Doolittle G	SAC A-203	Full Semester
27768	11:30a-12:50p M W		Manzano F	SAC A-203	Full Semester
27918	11:30a-12:50p Th		Doolittle G	SAC A-203	Full Semester
Section 27918 combines online instruction plus on-campus meetings every Thur, 11:30am-12:50pm, SAC A-203.					
27900	7:00p-10:10p Th		Mills L	SAC A-130	Full Semester
27899	7:00p-10:10p W		Mills L	SAC D-103	Full Semester



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.

New Courses in Business



21021	ACCT 035 – QuickBooks (online)
23053	BA 198 – Microsoft Web Expression
21136	CMPR 120 – Introduction to Programming
26396	CMPR 135 – Software Deployment
22664	CMPR 139 – Config/Admin of Local Area Networks
26399	CMPR 247B – Windows Server 2008
22961	ENGR 130B – Catia Solid Modeling II
22968	ENGR 240 – Dynamics
22962	ENGR 140B – ProEngineering Solid Modeling II

**Business and Paralegal have Fast Track programs
Check out the NEW Hybrid Classes**

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.

27885	6:00p-9:10p	W	Grant M	SAC A-203	Full Semester
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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.)

28072	11:30a-12:55p	Tu Th	Koenig R	SAC A-207	Full Semester
27903	6:00p-9:10p	W	Irion M	SAC D-102	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.)

27884	6:00p-9:10p	Tu	Irion M	SAC D-103	Full Semester
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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.

27917	11:30a-12:50p	Tu	Grant M	SAC A-203	Full Semester
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Section 27917 combines online instruction plus on-campus meetings every Tuesday, 11:30am-12:50pm, SAC A-203.

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.

27920	TBA		Mitchell E	SAC WEB	Full Semester
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Section 27920 online instruction plus on-campus orientation. Go to www.sac.edu/disted for more information. Email instructor on first week of class. (Mitchell_Earl@sac.edu)

BUSINESS 141, THE GLOBALIZATION OF MARKETING

1 UNIT

Learn how to adapt marketing techniques to international markets, how to develop marketing strategies, and how to target markets based on the cultural, political and economic environments. Learn how to create forecasts and budgets for international markets.

27889	6:00p-10:00p	Th	Stewart L	SAC A-203	02/11-03/04
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BUSINESS 142, INTERNATIONAL MARKET RESEARCH AND PLANNING

1 UNIT

How to research international markets for opportunities using the Internet, government and private resources as well as in-market surveys. Includes the development of international marketing strategies and the analysis of domestic and international markets for import and export opportunities.

27890	6:00p-10:00p	Th	Stewart L	SAC A-203	03/11-04/01
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BUSINESS 143, PACKAGING, PRICING, AND PROMOTING PRODUCTS/SERVICES FOR EXPORT

1 UNIT

Understand international market requirements. Learn to adapt products and services to meet international market needs. Create competitive price structures. Implement exciting promotion and advertising plans. Learn how to entice international customers to buy U.S. products and services.

27893	6:00p-10:00p	Th	Vonheim A	SAC A-203	04/15-05/06
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BUSINESS 145, CHANNELS OF DISTRIBUTION IN INTERNATIONAL MARKETS

1 UNIT

Learn alternate methods for distributing products in international markets. How to use distributors and agents. Learn channels of distribution for different industries and different countries. Adapt distribution strategies to maintain product quality, positioning and competitive price structure.

27895	6:00p-11:20p	Th	Vonheim A	SAC A-203	05/13-06/03
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BUSINESS 150, INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS

4 UNITS

Introduction to information systems, hardware, software, information systems concepts in business; telecommunications; e-commerce; enterprise systems; system development/acquisition; ethics, crime, and security; microcomputer applications and hands-on exercises in the business arena. (Equivalent to ISDS 265 at California State University, Fullerton)

26315	TBA		Kushida C	SAC WEB	Full Semester
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Section 27862 Online instruction with on campus orientation: Go to instructor website for more information. http://ext.sac.edu/faculty_staff/kushida_cherylee. Email instructor first week of class. (kushida_cherylee@sac.edu)

26310	7:45a-9:50a	M W	Kushida C	SAC A-206	Full Semester
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1 hour per week arranged

26384	11:00a-1:05p	Tu Th	Harding G	SAC A-206	Full Semester
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1 hour per week arranged

26401	6:00p-10:15p	Tu	Nichols B	SAC A-213	Full Semester
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1 hour per week arranged

BUSINESS 160, INTRODUCTION TO STOCK AND BOND INVESTMENTS

3 UNITS

An introductory course in investment decision-making. Topics covered are types of securities, securities markets, stocks, bonds, options, mutual funds, value analysis, international investing, portfolio management, and financial planning.

27862	TBA		Ridgeway R	SAC WEB	Full Semester
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Section 27862 online instruction. Go to www.sac.edu/disted for more information. Email instructor on first week of class. (Ridgeway_Ronald@sac.edu)

BUSINESS 163, INTERNATIONAL METHODS OF PAYMENT AND LETTERS OF CREDIT

1 UNIT

Analyze international methods of payment to determine risks and benefits. Learn how to initiate and utilize a letter of credit and its role in international transactions. Learn how to check customer's credit and assign payment terms.

27887	6:00p-10:00p	Tu	Grant M	SAC A-203	05/11-06/01
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BUSINESS 164, ALTERNATIVE FINANCING TECHNIQUES FOR INTERNATIONAL TRADE

1 UNIT

Explore the alternative financing techniques of bartering, countertrade and forfeiting for medium-term financing. Learn how the foreign exchange market operates and the risk and management techniques of foreign exchange.

27888	6:00p-10:00p	Tu	Grant M	SAC A-203	04/13-05/04
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Academic Planning Questions?
www.sac.edu/online_counseling

Santa Ana College

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In partnership with Santa Ana College

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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, February 10, 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.

BUSINESS 165, INTERNATIONAL TRADE FINANCE AND INSURANCE 1 UNIT

Borrowing based on specific import/export transactions-documentary banker's acceptances, clean bankers' acceptance financing, trade acceptance, borrowing against receivables, sale of receivables and factoring. Learn to assess risks, hedge risks and insure international trade transactions. Discover Eximbank.

27892 6:00p-10:00p Tu Yamada S SAC A-203 03/09-03/30

BUSINESS 166, FINANCING AN IMPORT/EXPORT BUSINESS 1 UNIT

Learn where and how to obtain financing to operate an international business. Discover domestic and international financing and lending sources-commercial banks and brokers, non-bank lenders, government and quasi-government lenders. Understand government finance assistance organizations.

27894 6:00p-10:00p Tu Yamada S SAC A-203 02/09-03/02

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.

27905 7:00p-10:10p Tu Thomason G SAC D-102 Full Semester

BUSINESS 171, BUSINESS PLAN FOR SMALL BUSINESS 3 UNITS

Business planning for the opening or continued successful operation of a small business through the preparation of a written business plan. Concurrent enrollment in Business 170 recommended.

27913 6:00p-9:00p W Doolittle G SAC A-207 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.

W	27914	9:00a-12:00p	Sa	Hobbs R	SAC A-215	Full Semester
	27765	9:45a-11:20a	MW	Stewart L	SAC A-108	Full Semester
	27763	9:45a-11:10a	Tu Th	Woolgar D	SAC A-108	Full Semester
	27771	1:15p-2:40p	Tu Th	Woolgar D	SAC A-215	Full Semester
	27929	7:00p-10:10p	Th	Hobbs R	SAC A-108	Full Semester
	27897	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

28018 9:00a-12:00p MW Miller J SAC A-228 Full Semester

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

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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.

28082 7:00p-10:10p M Eskow S SAC A-203 Full Semester

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 28084 9:00a-12:35p Sa Ali W SAC A-222 02/20-04/03
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 30901 6:30p-9:40p F Nguyen T SAC A-224 04/16-06/04
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

28527 5:00p-6:50p W Lehrer C SAC A-228 05/12-06/02

BUSINESS APPLICATIONS 049, INTRODUCTION TO MICROSOFT ACCESS 1.5 UNITS

Introduction to Microsoft Access, a database program which teaches how to create, design, and use databases.

Material Fee(s): \$2

30911 7:00p-10:10p Tu Staff SAC B-15 04/13-06/01
Software Utilized: Access 2007
1 hour per week arranged

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.

28536 7:00p-10:10p Tu Frias E SAC A-222 Full Semester

BUSINESS APPLICATIONS 058, LEGAL INTERPRETATION AND TRANSLATION-SPANISH/ENGLISH 3 UNITS

A course in legal interpretation/translation designed for employment certification of interpreters for government and private legal businesses. Fluency in Spanish and English strongly recommended.

W 28538 9:00a-12:10p Sa Frias Callejas M SAC A-224 Full Semester

BUSINESS APPLICATIONS 066, MICROSOFT OUTLOOK 1.5 UNITS

Instruction in the use of Microsoft Outlook, a personal information management program used to communicate with others, schedule appointments and tasks, record information about your personal and business contacts, and organize your files.

Software Utilized: Outlook 2007

28543 7:00p-10:10p W Lehrer C SAC A-228 04/14-06/02
1 hour per week arranged

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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
 30902 TBA Montiel-Childres D SAC WEB Full Semester
 Section 30902 online instruction plus on-campus orientation. Go to www.sac.edu/disted for more information. Email instructor first week of class. (Montiel_Dena@sac.edu)
 28692 9:00a-10:55a Tu Th Montiel-Childres D SAC A-228 Full Semester
 28634 9:00a-10:55a M W Le N SAC A-226 Full Semester
 28702 6:00p-10:00p W Montiel-Childres D 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
 28700 9:00a-10:55a Tu Th Montiel-Childres D SAC A-228 Full Semester
 28652 9:00a-10:55a M W Le N SAC A-226 Full Semester
 28705 6:00p-10:00p W Montiel-Childres D SAC A-226 Full Semester

BUSINESS APPLICATIONS 120, ADMINISTRATIVE OFFICE MANAGEMENT **3 UNITS**
Introduces the fundamentals of effective management including basic principles of office management, problem solving, systems thinking, communications, information technology, the ergonomic environment, managing human resources, and office productivity.
 28028 7:00p-10:10p Th Eskow S SAC A-228 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 28030 9:00a-12:35p Sa Banh H SAC A-228 02/20-04/03
 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 Vista
 30913 6:30p-9:40p Th Ali W SAC A-224 02/11-04/01
 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 Vista
 28032 6:30p-9:40p Th Ali W SAC A-224 04/15-06/03
 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
 31323 7:00p-10:10p Tu Thorey V SAC A-224 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
 28034 6:00p-10:10p M Thorey V SAC A-224 Full Semester

BUSINESS APPLICATIONS 167, ADOBE PHOTOSHOP APPLICATIONS **3 UNITS**
Students will learn how to use advanced features of Photoshop and how to integrate the results with other computer and digital programs in order to create a project ready for real world application. Students should have prior knowledge of Photoshop software.
Material Fee(s): \$4
Software Utilized: Adobe Photoshop CS4
 28053 7:00p-10:10p W Thorey V SAC A-224 Full Semester
 1 hour per week arranged

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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BUSINESS APPLICATIONS 169, ADOBE DREAMWEAVER (FORMERLY DREAMWEAVER FOR WINDOWS) **1.5 UNITS**
Learn to use Adobe Dreamweaver to create dynamic web sites. The course includes creating tables, forms, layers, style sheets, also inserting dynamic HTML features.
Material Fee(s): \$2
Software Utilized: Adobe Dreamweaver CS4
 W 28054 9:00a-12:10p Sa Dumon D SAC A-222 04/17-06/05
 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
 28056 7:00p-10:10p M Dumon D SAC A-226 Full Semester
 1 hour per week arranged


BUSINESS APPLICATIONS 179, INTRODUCTION TO MICROSOFT OFFICE **3 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
 28553 TBA Nguyen M SAC WEB Full Semester
 Section 28553 online instruction. Go to www.sac.edu/disted for more information. E-mail instructor first week of class. (Nguyen_MichaelT@sac.edu)
 28079 9:30a-10:55a Tu Th Lehrer C SAC A-226 Full Semester
 1 hour per week arranged

28060 9:30a-10:55a M W Montiel-Childres D SAC A-222 Full Semester
 1 hour per week arranged
 28081 1:15p-2:50p M W Montiel-Childres D SAC A-226 Full Semester
 1 hour per week arranged
 28551 7:00p-10:10p Th Molitor M SAC A-226 Full Semester
 1 hour per week arranged

BUSINESS APPLICATIONS 180, ADVANCED MICROSOFT OFFICE **3 UNITS**
Expand your knowledge of the integrated use of Microsoft Office applications. Instruction will include the integration and advanced applications of Microsoft Office. Working knowledge of Office recommended.
Material Fee(s): \$4
Software Utilized: MS Office 2007
 30915 TBA Negrete T SAC WEB Full Semester
 Section 30915 Online instruction. Go to www.sac.edu/disted for more information. E-mail instructor first week of class. (Negrete_Terri@sac.edu)

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
 28633 7:00p-10:10p M Staff SAC A-228 Full Semester
 1 hour per week arranged

BUSINESS APPLICATIONS 185, REAL WORLD MICROSOFT OFFICE PROJECTS **3 UNITS**
Integration of the Microsoft Office programs including: Word, Excel, Powerpoint, Access and Outlook. Students work in a simulated business organization to complete project-based documents. Students will reinforce and build their software skills, improve Internet skills and develop teamwork and critical-thinking skills.
Software Utilized: MS Office 2007
 28575 TBA Lehrer C SAC WEB Full Semester
 Section 28575 Online instruction. Go to www.sac.edu/disted for more information. E-mail instructor first week of class. (Lehrer_Carol@sac.edu)



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.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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

W	28608	6:30p-10:05p	F	Nguyen T	SAC A-226	02/19-04/02
				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

W	28629	6:30p-9:35p	F	Nguyen T	SAC A-226	04/16-06/04
				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

W	28630	TBA		Lehrer C	SAC WEB	02/08-04/02
				Section 28630 Online instruction. Go to www.sac.edu/disted for more information.		
				E-mail instructor first week of class. (Lehrer_Carol@sac.edu)		

W	30906	9:00a-12:10p	Sa	Staff	SAC A-228	04/17-06/05
				1 hour per week arranged		

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

W	28631	TBA		Lehrer C	SAC WEB	04/12-06/02
				Section 28631 Online instruction. Go to www.sac.edu/disted for more information.		
				E-mail instructor first week of class. (lehrer_carol@sac.edu)		

BUSINESS APPLICATIONS 198, MICROSOFT EXPRESSION WEB 3 UNITS

Learn how to use Microsoft Expression Web, a powerful suite of programs used to develop dynamic, interactive World Wide Web sites and Web pages. Students will learn how to work with text, images and hyperlinks; create interactivity, forms and page layouts and publish a Web Site.

Software Utilized: MS Expression Web 2

W	28632	7:00p-10:10p	Tu	Molitor M	SAC A-226	Full Semester
				1 hour per week arranged		

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.)

W	28109	1:00p-2:25p	M W	Kelcher M	SAC R-126	Full Semester
				Kelcher M <td>SAC R-309 <td></td> </td>	SAC R-309 <td></td>	

U-LINK: Section 28109 is linked to Counseling 128, Introduction to Community Activism, Section 30862. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

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.

W	28111	7:00p-10:10p	Tu	Joe S	SAC R-126	Full Semester
				Joe S <td>SAC R-318 <td></td> </td>	SAC R-318 <td></td>	
					SAC R-309 <td></td>	

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 with a grade of C or better.

W	28125	TBA		Jenkins C	SAC WEB	Full Semester
				Jenkins C <td>SAC R-309 <td></td> </td>	SAC R-309 <td></td>	

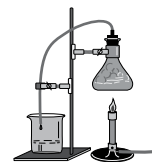
Section 28125 Online instruction plus mandatory on campus weekly lab meetings every Fri, 9:00am-12:10pm. Go to www.sac.edu/disted for more information. Email instructor first week of class. (jenkins_crystal@sac.edu)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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Meet your Chemistry (Science Majors) requirements!!!

Take the following in the order given:

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



W	28123	9:00a-12:10p	Sa	Moore B	SAC R-318	Full Semester
				Moore B <td>SAC R-309 <td></td> </td>	SAC R-309 <td></td>	
				Mc Millan J <td>SAC R-126 <td>Full Semester</td> </td>	SAC R-126 <td>Full Semester</td>	Full Semester
				Mc Millan J <td>SAC R-301 <td></td> </td>	SAC R-301 <td></td>	
				Kelcher M <td>SAC R-126 <td>Full Semester</td> </td>	SAC R-126 <td>Full Semester</td>	Full Semester
				Kelcher M <td>SAC R-301 <td></td> </td>	SAC R-301 <td></td>	
				Pratt C <td>SAC R-318 <td>Full Semester</td> </td>	SAC R-318 <td>Full Semester</td>	Full Semester
				Pratt C <td>SAC R-301 <td></td> </td>	SAC R-301 <td></td>	
				Visco L <td>SAC R-318 <td>Full Semester</td> </td>	SAC R-318 <td>Full Semester</td>	Full Semester
				Visco L <td>SAC R-309 <td></td> </td>	SAC R-309 <td></td>	
				Edinger W <td>SAC R-318 <td>Full Semester</td> </td>	SAC R-318 <td>Full Semester</td>	Full Semester
				Edinger W <td>SAC R-301 <td></td> </td>	SAC R-301 <td></td>	

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 and Chemistry 209 or Mathematics 080 and a passing score on current chemistry placement test. All courses must be completed with a grade of C or better.

W	28131	9:30a-10:55a	M W	Mc Millan J	SAC R-126	Full Semester
				Mc Millan J <td>SAC R-309 <td></td> </td>	SAC R-309 <td></td>	

Section 28131 is linked to Counseling 111, Learning Skills Development, Section 28567. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

W	28132	11:15a-12:40p	Tu Th	Nguyen W	SAC R-318	Full Semester
				Nguyen W <td>SAC R-309 <td></td> </td>	SAC R-309 <td></td>	
				Nguyen W <td>SAC R-126 <td>Full Semester</td> </td>	SAC R-126 <td>Full Semester</td>	Full Semester
				Nguyen W <td>SAC R-309 <td></td> </td>	SAC R-309 <td></td>	

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.

W	28139	1:00p-2:25p	Tu Th	Jenkins C	SAC R-126	Full Semester
				Jenkins C <td>SAC R-301 <td></td> </td>	SAC R-301 <td></td>	
				Kelcher M <td>SAC R-126 <td>Full Semester</td> </td>	SAC R-126 <td>Full Semester</td>	Full Semester
				Kelcher M <td>SAC R-301 <td></td> </td>	SAC R-301 <td></td>	

CHEMISTRY 259, ORGANIC CHEMISTRY II 5 UNITS

Continuation of Chemistry 249. Includes units on aromatics, carbonyl compounds, carboxylic acids and their derivatives, amines, and classes of biologically important compounds. More complex synthetic routes are explored. Lab work includes multi-step syntheses. Reaction mechanisms and use of spectroscopic techniques continue to be emphasized.

Prerequisite: Chemistry 249 with a grade of C or better.

W	28145	5:15p-6:40p	M W	Yamada T	SAC R-124	Full Semester
				Yamada T <td>SAC R-302 <td></td> </td>	SAC R-302 <td></td>	
				Yamada T <td>SAC R-124 <td>Full Semester</td> </td>	SAC R-124 <td>Full Semester</td>	Full Semester
				Yamada T <td>SAC R-302 <td></td> </td>	SAC R-302 <td></td>	

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.

W	27658	9:30a-10:55a	M W	Sanchez G	SAC I-202	Full Semester
				Briceno G <td>SAC D-206 <td>Full Semester</td> </td>	SAC D-206 <td>Full Semester</td>	Full Semester
				Sanchez G <td>SAC D-105 <td>Full Semester</td> </td>	SAC D-105 <td>Full Semester</td>	Full Semester
				Briceno G <td>SAC D-208 <td>Full Semester</td> </td>	SAC D-208 <td>Full Semester</td>	Full Semester



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

COMPUTER SCIENCE 100, THE COMPUTER AND SOCIETY

3 UNITS

Introduction to computer concepts, technology, issues and applications. Information is presented to enable students to recognize and evaluate the positive and negative impacts that computers may have on individuals and society. Students will learn the fundamentals of Internet research, email, Web page publishing, word processing, spreadsheet and database software using a PC.

Material Fee(s): \$4

Software Utilized: MS Office 2007

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
26335	TBA		Kushida C	SAC WEB	Full Semester
Section 26335 Online instruction with on campus orientation: Go to instructor website for more information http://ext.sac.edu/faculty_staff/kushida_cherylee . Email instructor first week of class. (kushida_cherylee@sac.edu)					
26358	8:00a-9:25a	MW	Nichols B	SAC A-213	Full Semester
26373	8:00a-11:15a	F	Buttton C	SAC A-215	Full Semester
26387	9:30a-10:55a	Tu Th	Harding G	SAC A-206	Full Semester
26360	9:30a-10:55a	MW	Nichols B	SAC A-213	Full Semester
30509	10:30a-11:55a	Tu Th	Hester J	SAC A-215	Full Semester
26362	11:00a-12:25p	MW	Nichols B	SAC A-213	Full Semester
26389	11:30a-12:55p	MW	Harding G	SAC A-208	Full Semester
30774	12:30p-1:55p	MW	Nichols B	SAC A-213	Full Semester
26380	1:00p-4:10p	W	Hester J	SAC A-215	Full Semester
26391	1:00p-2:25p	MW	Harding G	SAC A-206	Full Semester
26392	1:30p-3:00p	Tu Th	Harding G	SAC A-208	Full Semester
26352	4:00p-6:55p	Tu	Dahlen N	SAC A-208	Full Semester
26353	4:00p-6:55p	W	Dahlen N	SAC A-208	Full Semester
26348	7:00p-10:10p	M	Bennett Jr J	SAC A-215	Full Semester
26369	7:00p-10:10p	W	Staff	SAC A-213	Full Semester
26351	7:00p-10:10p	Th	Lamb J	SAC A-208	Full Semester

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

26313	TBA		Kushida C	SAC A-108	Full Semester
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Email instructor before class begins: 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. Students will write programs on IBM PC compatible computers.

Material Fee(s): \$4

Software Utilized: Microsoft Visual Basic.NET

26372	8:30a-9:55a	MW	Hester J	SAC A-215	Full Semester
1 hour per week arranged					
26354	7:00p-10:10p	Tu	Dahlen N	SAC A-208	Full Semester
1 hour per week arranged					

COMPUTER SCIENCE 111, INTRODUCTION TO COMPUTER ORGANIZATION

4 UNITS

Presents the organization and structure of computers at hardware and software levels: analysis and synthesis of combinatorial and sequential logic, data representation and manipulation, language structures and translation, and process administration and management. Recommended preparation: Computer Science 121 or equivalent.

Software Utilized: Java 2 SDK

26343	6:00p-10:10p	W	Hester J	SAC A-210	Full Semester
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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 112, JAVA PROGRAMMING

3 UNITS

Study of the Java language, its features and applications. Students will use a Java compiler on the IBM PC compatible.

Material Fee(s): \$4

Software Utilized: Java 2 SDK V 1.4.2

26385	9:30a-10:55a	MW	Harding G	SAC A-208	Full Semester
1 hour per week arranged					
30775	7:00p-10:10p	Tu	Harding G	SAC A-206	Full Semester

COMPUTER SCIENCE 117, PERL PROGRAMMING AND CGI

3 UNITS

Students will be introduced to the Perl scripting language syntax, data types, input/output, Managing System Processes, Database programming, CGI programming and Web Programming.

Material Fee(s): \$4

26406	7:00p-10:10p	Tu	Morisugu S	SAC A-215	Full Semester
1 hour per week arranged					

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.

26376	10:00a-12:05p	MW	Hester J	SAC A-215	Full Semester
26364	6:00p-10:15p	M	Nichols B	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.

Material Fee(s): \$4

Software Utilized: MS Visual C++ .NET

26368	8:30a-10:10a	Tu Th	Hester J	SAC A-215	Full Semester
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COMPUTER SCIENCE 125, HELP DESK SKILLS

1.5 UNITS

Introduction to Help Desk "soft skills," non-IT related business, such as effective communication, analytical thinking, diplomacy, problem solving, leadership, team building, and listening skills. In addition to learning necessary soft skills, students will be familiar with a help-desk environment, its function and organization.

26397	7:00p-10:10p	Th	Quach N	SAC A-213	04/15-06/03
1 hour per week arranged					

COMPUTER SCIENCE 134B, WINDOWS VISTA OPERATING SYSTEM

3 UNITS

Windows Vista Operating System (Business and Enterprise). Course Topics include: Installation and 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.

26405	7:00p-10:10p	Th	Shah A	SAC A-215	Full Semester
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COMPUTER SCIENCE 135, SOFTWARE DEPLOYMENT MECHANISMS

1.5 UNITS

Computer software deployment strategies in large computer systems.

26396	7:00p-10:10p	Th	Quach N	SAC A-213	02/11-04/01
1 hour per week arranged					

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

28144	9:00a-1:10p	F	Caterina A	DMC-104	Full Semester
1 hour per week arranged					
28229	3:00p-4:25p	MW	Brown S	DMC-104	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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Can't find the class you need?

It may be waiting for you at
Santiago Canyon College!

View SCC's class schedule at
www.scccollege.edu/schedule

SCC's class schedule is included in this booklet.

Hurry! Class sizes are limited.

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.

Material Fee(s): \$4

Software Utilized: MS Excel 2007

26393 7:00p-10:10p W Sterling M SAC A-206 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.

Material Fee(s): \$4

Software Utilized: MS Access 2007

26338 TBA Kushida C SAC WEB Full Semester
Section 26338 Online instruction with on campus orientation: Go to instructor website for more information http://ext.sac.edu/faculty_staff/kushida_cherylee. Email instructor first week of class.(kushida_cherylee@sac.edu)

COMPUTER SCIENCE 168, ADVANCED MICROSOFT ACCESS **3 UNITS**
Advanced Relational Database Management using development using VBA, implementation in a multiuser environment and working with Access on the Internet. Computer Science 105 and 167 or equivalent experience is recommended.

Material Fee(s): \$4

Software Utilized: MS Access 2007

26395 7:00p-10:10p Th Habicht G SAC A-206 Full Semester
1 hour per week arranged

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.

Material Fee(s): \$4

26346 7:00p-10:10p Tu Yaqub M SAC A-210 Full Semester
1 hour per week arranged

COMPUTER SCIENCE 205, ADVANCED VISUAL BASIC **3 UNITS**
Advanced programming for those seeking to further develop their skills using Visual Basic programming language. Course will cover the advanced features of the Visual Basic programming language, data structures, and advanced programming techniques available with Visual Basic.

Prerequisite: Computer Science 105.

Material Fee(s): \$4

Software Utilized: MS Visual Basic.NET

26356 7:00p-10:10p W Dahlen N SAC A-208 Full Semester
1 hour per week arranged

COMPUTER SCIENCE 206, VISUAL BASIC FOR WEB DEVELOPMENT **3 UNITS**
Web Development using the Visual Basic programming language. Students will use Visual Basic and ASP to develop Internet applications including Web browsers and databases. Completion of Computer Science 205 is recommended.

Material Fee(s): \$4

Software Utilized: MS Visual Basic.NET

30515 7:00p-10:10p W Moritsugu S SAC A-215 Full Semester

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
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COMPUTER SCIENCE 247B, WINDOWS SERVER 2008 **3 UNITS**

Installation, management and configuration of Windows Server 2008 for managing network environments. Recommended preparation: Knowledge of any client-level Windows operating system (e.g., XP, Vista).

26399 7:00p-10:10p M Ahmed A SAC A-208 Full Semester

COMPUTER SCIENCE 248, MICROSOFT SQL SERVER **3 UNITS**

Microsoft SQL Server, relational database concepts, programming with SQL and Transact-SQL, stored procedures, triggers, and use of client tools. Course is designed for developers and database administrators. Basic knowledge of SQL, programming and/or database concepts is helpful.

26398 7:00p-10:10p M Sabetiashrif R SAC A-206 Full Semester
1 hour per week arranged

COUNSELING

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.

28564 6:00p-8:05p Tu Castellanos M SAC I-201 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.)

28639 4:45p-6:50p Th Bautista S SAC I-106 02/11-04/01



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:
Feb. 9 or Feb. 16, 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

Counseling 120

Assertive Self-Development

This course explores the process for building self-esteem, confidence and skills in personal, social, and professional interactions without feeling aggressive anger, guilt, stress, or passivity.



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 so students can transfer to a four-year university. Services include tutoring, advisement, workshops, and scholarships.

PUENTE

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.

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.

28593	9:00a-12:10p	F	Gilmour D	SAC I-204	Full Semester
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COUNSELING 155, SKILLS FOR THE HELPING PROFESSIONS 3 UNITS

An exploration of processes for increasing mental flexibility and assisting people in getting resolution on life issues. Focus is on the theory and practice of methods which are based in inquiry, distinction, resolution and integration. The role of self-responsibility and self-awareness will be emphasized.

28595	6:00p-9:10p	Th	Gilmour D	SAC I-203	Full Semester
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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.

29858	6:00p-9:10p	W	Fraze B	SAC R-307	Full Semester
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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.

29869	TBA		Troxcl G	SAC WEB	Full Semester
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Section 29869 will have a mandatory meeting either Mon, Feb 08, or Tues, Feb 09, 6 pm @ CJTC, 15991 Armstrong, Tustin. Email instructor (troxcl_george@sac.edu) by Fri, Feb 05 or call 714-566-9201. Go to www.sac.edu/disted for more information

29867	TBA		Troxcl G	SAC WEB	Full Semester
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Section 29867 will have a mandatory meeting either Mon, Feb 08, or Tues, Feb 09 @ 6pm at CJTC, 15991 Armstrong, Tustin. Email instructor (troxcl_george@sac.edu) by Fri, Feb 05, or call 714-566-9201. Go to www.sac.edu/disted for more information.

29868	8:00a-9:25a	M W	Gonis Jr A	SAC A-207	Full Semester
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29865	9:00a-12:10p	F	Davis R	SAC R-318	Full Semester
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29861	9:15a-10:40a	Tu Th	Wright G	SAC R-124	Full Semester
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29866	11:00a-12:25p	Tu Th	Pena R	SAC A-214	Full Semester
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29864	6:00p-9:10p	M	Small S	SAC H-205	Full Semester
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29863	7:00p-10:10p	W	Wright G	SAC W-101	Full Semester
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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.

29870	6:30p-9:40p	W	Glennane R	SAC F-102	Full Semester
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CRIMINAL JUSTICE 103, CONCEPTS OF CRIMINAL LAW 3 UNITS

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

29873	TBA		Gonis Jr A	SAC WEB	Full Semester
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Section 29873 Online instruction plus mandatory on campus orientation Mon, Feb 08, 6-7pm, SAC A-207. Go to www.sac.edu for more information. Email instructor first week of class (gonis_andrew@sac.edu).

29872	8:00a-9:25a	Tu Th	Gonis Jr A	SAC H-207	Full Semester
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29871	6:00p-9:10p	Th	Caddell A	SAC B-17	Full Semester
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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.

30850	7:00p-10:10p	M	Kraus E	SAC H-201	Full Semester
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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.

29875	9:30a-10:55a	M W	Gonis Jr A	SAC A-207	Full Semester
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29874	6:00p-9:10p	Tu	Williamson M	SAC B-27	Full Semester
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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.

29876	6:00p-9:10p	Th	Corral F	SAC H-205	Full Semester
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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.)

29877	11:30a-12:55p	Tu Th	Manzano F	SAC A-205	Full Semester
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29878	7:00p-10:10p	Tu	Alexander R	SAC I-203	Full Semester
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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

28642	TBA		Sadler D	SAC WEB	Full Semester
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Section 28642 students must attend one of the following orientations: Feb 9 or Feb 16, 12-2pm or 7-9pm SAC L-225. For additional information contact the instructor at sadler_dennis@sac.edu or www.sac.edu/students/counseling/staff/sadler.htm.

28644	TBA		Sadler D	SAC WEB	Full Semester
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Section 28644 students must attend one of the following orientations: Feb 9 or Feb 16, 12-2pm or 7-9pm SAC L-225. For additional information contact the instructor at sadler_dennis@sac.edu or www.sac.edu/students/counseling/staff/sadler.htm.

28643	TBA		Sadler D	SAC WEB	Full Semester
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Section 28643 students must attend one of the following orientations: Feb 9 or Feb 16, 12-2pm or 7-9pm SAC L-225. For additional information contact the instructor at sadler_dennis@sac.edu or www.sac.edu/students/counseling/staff/sadler.htm.

28579	8:00a-9:25a	Tu Th	Quintana R	SAC I-101	Full Semester
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28574	8:00a-9:25a	Tu Th	Sadler D	SAC A-222	Full Semester
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28580	9:00a-12:10p	F	Quintana R	SAC I-101	Full Semester
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28596	9:30a-10:55a	M W	Gallego Jr R	SAC I-204	Full Semester
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28572	9:30a-10:55a	Tu Th	Quintana R	SAC I-101	Full Semester
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28569	9:30a-10:55a	M W	Pham T	SAC R-115	Full Semester
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28597	11:00a-12:25p	M W	Gallego Jr R	SAC I-204	Full Semester
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28637	11:00a-12:25p	Tu Th	Quintana R	SAC I-101	Full Semester
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28577	11:00a-12:25p	M W	Pham T	SAC R-115	Full Semester
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28590	11:30a-12:55p	Tu Th	Gilmour D	SAC I-204	Full Semester
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28578	6:00p-9:10p	M	Sadler D	SAC I-108	Full Semester
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28586	6:00p-9:10p	Th	Varg	SAC I-103	Full Semester
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28585	6:00p-9:10p	Tu	Staff	SAC I-204	Full Semester
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28592	7:00p-10:10p	W	Gilmour D	SAC I-204	Full Semester
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COUNSELING 120, ASSERTIVE SELF DEVELOPMENT 3 UNITS

A process for building self esteem and confidence in personal/social/professional interactions without feeling excess anger, guilt, stress or passivity. Psychological theories will be used to identify, analyze, and change ineffective thought systems and behavior.

28614	6:00p-9:10p	M	Mugica Y	SAC I-102	Full Semester
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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
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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.

29879 8:00a-9:25a M W 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.

29880 6:00p-9:10p Tu Bell T SAC D-209 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.

29881 11:00a-12:25p M W Gonis Jr A SAC A-207 Full Semester

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).

Prerequisite: Full background check required.

30852 6:00p-9:10p W Pettinicchio D OCPD Full Semester
Section 30852 will have all class meetings at OCPD, 1001 S. Grand Ave., Santa Ana

CRIMINAL JUSTICE 111B, SUPERVISED INTERNSHIP WORK EXPERIENCE 1 - 3 UNITS

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

Prerequisite: Criminal Justice 111A.

30855 TBA Pettinicchio D OCPD Full Semester
Section 30855 has one mandatory orientation meeting Mon, Feb 08, 6 - 8 p.m. 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.

29884 6:00p-9:10p M Gonis Jr A SAC H-207 Full Semester

CRIMINAL JUSTICE 209, ORGANIZED CRIME 3 UNITS

An in-depth study of international organized crime and its social, cultural and economic impact on white collar crime, and political corruption in the host country and the United States. Countries dealt with include, but are not limited to: Italy, Sicily, Japan, China, Colombia, Mexico, Old Soviet Union, Haiti, Cayman Islands and Caribbean.

29885 11:30a-12:55p Tu Th Wright G SAC H-207 Full Semester

CRIMINAL JUSTICE ACADEMIES

CRIMINAL JUSTICE ACADEMIES 009B, FITNESS FOR LAW ENFORCEMENT 0.1 - 0.3 UNITS

Training designed specifically for law enforcement and those with an interest in entering law enforcement.

30190 6:00p-8:00p Tu Th Bartlett M CJTC-001 02/02-02/25
Class location: Orange County Sheriff's Regional Training Academy, 15991 Armstrong Avenue Tustin, CA 92782

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.

W 30188 6:00p-10:00p Tu Th Troxci G CJTC-001 01/05-01/30
7:00a-11:00a Sa Dattola D CJTC-001
Class location: Orange County Sheriff's Regional Training Academy, 15991 Armstrong Avenue Tustin, CA 92782

W 30189 6:00p-10:00p Tu Th Troxci G CJTC-101 04/06-05/01
7:00a-11:00a Sa Vasquez C CJTC-101
Classes are held for 4 weeks. Every Tuesday and Thursday 6pm-10pm including Saturdays 7am-11am

CRIMINAL JUSTICE ACADEMIES 041, TRAINING ACADEMY PREPARATION 0.2 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.

W 30397 7:00a-4:00p Sa Troxci G CJTC-104 03/06-03/13
Class location: Orange County Sheriff's Regional Training Academy, 15991 Armstrong Avenue Tustin, CA 92782

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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DANCE

DANCE 009, DANCE CLASS LABORATORY 0.5 - 1.5 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.

Open Entry / Open Exit

28885 TBA Staff SAC Full Semester

Concurrent enrollment in any dance class required.

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.

28938 11:30a-12:55p Tu Th Fenton R SAC A-130 Full Semester

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.

28942 9:30a-10:55a Tu Th Kikawa E SAC A-210 Full Semester

DANCE 107, DANCE CONCERT PERFORMANCE 1 UNIT

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.

30462 12:15p-2:05p F Kikawa E SAC G-108 Full Semester
1 hour per week arranged. Audition required. See schedule for info

DANCE 109, PILATES CONDITIONING 0.5 UNIT

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.

28951 8:00a-9:00a Tu Th Kikawa E SAC G-108 04/13-06/03
28947 8:00a-9:00a Tu Th Kikawa E SAC G-108 02/09-04/01
W 28920 9:00a-10:00a Sa Westergard-Dobson C SAC G-108 Full Semester
28955 5:30p-6:45p M W Perez M SAC W-106 02/08-03/31
28963 5:30p-6:45p M W Perez M SAC W-106 04/12-06/02

DANCE 113A, FLAMENCO DANCE I 1 UNIT

Introduction to movements, techniques and terminology of Flamenco dance, music, rhythms, and song emphasizing skill development and exploration of the cultural relationship between Spain and the Gypsies that inhabit Southern Spain. Prepares the student for Dance 113B.

W 29017 10:00a-12:15p Su Chavez R SAC P-105 Full Semester

DANCE 113B, FLAMENCO DANCE II 1 UNIT

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.

Prerequisite: Dance 113A.

W 29049 11:00a-1:15p Su Chavez R SAC P-105 Full Semester

DANCE 117, INTRODUCTION TO MIDDLE EASTERN DANCE 1 UNIT

Introduction to Middle Eastern Dance, including belly dance and folk dance forms. Emphasis is on movement technique, vocabulary and creative expression. Also explores the fusion of Western and Middle Eastern dance forms. No experience necessary. Content varies each semester.

29056 7:00p-9:05p M Larsen J SAC G-108 Full Semester

DANCE 118, INTRODUCTION TO CARIBBEAN AND LATIN DANCE STYLES 1 UNIT

An introduction to Caribbean and Latin social dance styles, including musicality, partnering and patterns. Emphasis is on movement technique, vocabulary and creative expression. Historical and contemporary forms such as merengue, rumba, cumbia and tango are studied. Content varies each semester.

W 29067 5:30p-7:35p F Figueroa M SAC G-108 Full Semester

DANCE 120, INTRODUCTION TO URBAN JAZZ DANCE: HIP-HOP 1 UNIT

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.

29070 3:00p-4:55p Th Jensen K SAC G-108 Full Semester

DANCE 121, INTERMEDIATE URBAN JAZZ DANCE: HIP-HOP 1 UNIT

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.

29072 7:15p-9:20p Tu Jensen K SAC G-108 Full Semester

DANCE 122, COMMERCIAL JAZZ DANCE 1 UNIT

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.

W 29075 10:00a-12:05p Sa Van Patten M SAC G-108 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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>					
29080	5:30p-7:35p	W	Figueroa M	CDC-100	Full Semester
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>					
29082	7:50p-9:55p	W	Figueroa M	CDC-100	Full Semester
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>					
29083	9:30a-10:55a	MW	Garcia R	SAC G-108	Full Semester
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>					
29090	9:30a-10:55a	MW	Garcia R	SAC G-108	Full Semester
29102	9:30a-10:55a	TuTh	Perez M	SAC G-108	Full Semester
DANCE 204A, DANCE PRODUCTION					3 UNITS
<i>For students interested in performing in the SAC dance concert. Includes production basics, with an emphasis on working with faculty/student choreographers on original dances. Focus on performance.</i>					
30459	1:10p-2:55p	TuTh	Gillette H	SAC G-108	Full Semester
3 hours arranged each week Audition required before enrolling					
DANCE 204B, DANCE PRODUCTION					3 UNITS
<i>For students interested in producing original choreography for and/or performing in the SAC dance concert. Includes production basics with an emphasis on creating, rehearsing and performing dances. Focus on choreography.</i>					
Prerequisite: Dance 202A or 202B and Audition.					
30578	1:10p-2:55p	TuTh	Gillette H	SAC G-108	Full Semester
3 hrs 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>					
30496	3:05p-4:50p	MW	Kikawa E	SAC G-108	Full Semester
6 hours arranged each week Audition required before enrolling					
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>					
29091	11:00a-12:55p	MW	Gillette H	SAC G-108	Full Semester
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.					
29093	11:00a-1:05p	TuTh	Gillette H	SAC G-108	Full Semester
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>					
29095	11:00a-1:05p	TuTh	Gillette H	SAC G-108	Full Semester
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.</i>					
29096	11:00a-1:05a	TuTh	Gillette H	SAC G-108	Full Semester
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>					
29099	9:30a-10:55a	TuTh	Perez M	SAC G-108	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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>					
29103	9:30a-10:55a	TuTh	Perez M	SAC G-108	Full Semester
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>					
29106	1:00p-2:55p	MW	Gillette H	SAC G-108	Full Semester
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>					
29108	1:00p-2:55p	MW	Gillette H	SAC G-108	Full Semester
29111	5:00p-7:05p	TuTh	Jensen K	SAC G-108	Full Semester
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>					
29113	5:00p-7:05p	TuTh	Jensen K	SAC G-108	Full Semester
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>					
29115	5:00p-7:05p	TuTh	Jensen K	SAC G-108	Full Semester
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>					
30495	1:10p-2:55p	TuTh	Gillette H	SAC G-108	Full Semester
Audition required before enrolling					
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>					
29097	11:00a-1:05p	Tu	Gillette H	SAC G-108	Full Semester
Audition required before enrolling					
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>					
29117	5:00p-7:05p	Tu	Jensen K	SAC G-108	Full Semester
Audition required before enrolling					
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.					
29104	9:30a-10:25a	TuTh	Perez M	SAC G-108	Full Semester
W 29051	11:00a-1:15p	Su	Chavez R	SAC G-108	Full Semester

DANCE AUDITIONS

Dance Production

Dance 107, 204, 205

25-30 dancers are needed.

Auditions for the Dance Concert:

Thursday, February 11, 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
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DIESEL

DIESEL 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 Welding 008.)

29842	8:00a-11:30a	Tu Th	Moreno G	SAC K-101	Full Semester
29850	6:00p-9:30p	M W	Moreno G	SAC K-101	Full Semester
29845	6:00p-9:30p	Tu Th	Moreno G	SAC K-101	Full Semester

DIESEL 025, DIESEL AND HEAVY DUTY VEHICLE ENGINE OVERHAUL 8 UNITS

Overhaul and repair of heavy duty diesel engines. Designed to acquaint the student with the theory of operation, trouble diagnosis, service and repair of two and four-cycle heavy duty diesel engines.

29838	8:00a-12:10p	M Tu W Th	Hogue T	SAC K-115	Full Semester
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DIESEL 050, TRANSPORT REFRIGERATION 8 UNITS

Theory and operation of truck, trailer, and container single and multi-temperature refrigeration, electrical and microprocessor control systems used on current production Carrier and Thermo King units. Service, repair, and troubleshooting procedures used by the industry will be covered.

29839	6:30p-10:45p	M Tu W	Hogue T	SAC K-115	Full Semester
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EARTH SCIENCE

EARTH SCIENCE 110, INTRODUCTION TO EARTH SCIENCE 3 UNITS

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.

28192	8:00a-9:25a	Tu Th	Coyne C	SAC R-128	Full Semester
28209	8:00a-9:25a	M W	Eastmond D	SAC R-111	Full Semester
28195	9:00a-12:10p	Sa	Greenwood R	SAC R-111	Full Semester
28222	9:30a-12:35p	F	Eastmond D	SAC R-126	Full Semester
28168	6:00p-9:10p	M W	Crosswhite G	SAC I-206	04/12-06/02
28208	7:00p-10:10p	Tu	Ellis R	SAC R-128	Full Semester

EARTH SCIENCE 110H, HONORS INTRODUCTION TO EARTH SCIENCE 3 UNITS

An intensive 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.

28223	1:30p-4:30p	W	Coyne C	SAC R-111	Full Semester
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EARTH SCIENCE 115, EARTH SCIENCE FOR EDUCATORS 4 UNITS

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.

28224	9:45a-12:55p	Tu Th	Coyne C	SAC R-328	Full Semester
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(Content of interest to future Teachers. Open to all students.)

EARTH SCIENCE 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 Geology 150.)

30865	11:30a-12:55p	M W	Hughes P	SAC R-111	Full Semester
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ECONOMICS

ECONOMICS 120, PRINCIPLES/MACRO 3 UNITS

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 and Speech Communication 097 or Communication 097 are recommended.

27027	TBA		Ho L	SAC WEB	Full Semester
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Section 27027 Online instruction plus mandatory on campus meetings: Mon, 2/8, 4/26, 5/24, 4-5:20PM, SAC D-208. Go to www.sac.edu/disted for more information. Email instructor first week of class.(ho_lac@sac.edu)

27012	8:00a-9:25a	M W	Montes A	SAC D-209	Full Semester
27013	9:45a-11:10a	M W	Montes A	SAC D-209	Full Semester
27014	9:45a-11:10a	Tu Th	Montes A	SAC D-209	Full Semester
27017	11:30a-12:55p	Tu Th	Montes A	SAC D-209	Full Semester
27021	6:00p-9:10p	F	Staff	SAC D-209	Full Semester
27024	7:00p-10:10p	M	Amirfathi P	SAC D-304	Full Semester
27018	7:00p-10:10p	W	Meister D	SAC D-101	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ECONOMICS 121, PRINCIPLES/MICRO 3 UNITS

Introduction to microeconomics, including basic economic concepts, analysis of markets, efficiency, consumer and firm behavior, industry structures, market failure, and resource markets. For economics, business, and certain engineering and computer science majors. Economics 120, Mathematics 060, and Speech Communication 097 or Communication 097 are recommended.

27039	TBA		Ho L	SAC WEB	Full Semester
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Section 27039 Online instruction plus mandatory on campus meetings: Mon, 2/8, 4/26, 5/24, 5:30-6:50pm, SAC D-208. Go to www.sac.edu/disted for more information. Email instructor first week of class.(ho_lac@sac.edu)

27029	8:00a-9:25a	Tu Th	Montes A	SAC D-209	Full Semester
27034	9:00a-12:10p	Sa	Amirfathi P	SAC A-130	Full Semester
27030	11:30a-12:55p	M W	Montes A	SAC D-209	Full Semester
27033	7:00p-10:10p	Th	Montes A	SAC D-209	Full Semester
27036	7:00p-10:10p	Tu	Shah S	SAC D-106	Full Semester

EDUCATION

EDUCATION 100, INTRODUCTION TO EDUCATION 3 UNITS

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.

30970	6:00p-9:10p	M	Silverman L	SAC I-109	Full Semester
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Section 30970 has 2 hours arranged each week

EMERGENCY MEDICAL TECHNICIAN

EMERGENCY MEDICAL TECHNICIAN 100, EMERGENCY MEDICAL TECHNICIAN I - (BASIC) 6 UNITS

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.

26774	8:30a-12:45p	Tu Th	Dethlefsen E	SAC R-307	Full Semester
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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.

26775	12:30p-4:45p	M W	Dethlefsen E	SAC R-307	Full Semester
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EMERGENCY MEDICAL TECHNICIAN 105, CLINICAL EMT SKILLS LABORATORY 0.5 UNIT

Supervised use of skills lab to assist the student in development of clinical competency and mastery of psychomotor skills. Hours verified by instructor.

26776	8:00a-5:05p	F	Dethlefsen E	SAC R-203	03/19-06/04
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EMERGENCY MEDICAL TECHNICIAN 111, RECERTIFICATION FOR EMT I-BASIC 2 UNITS

Update emergency medical techniques, equipment, and EMSA policies. Meets state requirements for EMT-1 Basic recertification.

26777	9:30a-5:05p	F Sa	Dethlefsen E	SAC R-307	04/16-04/23
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16 hours arranged. 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 011, BASIC BLUEPRINT READING 2 UNITS

Reading and interpreting blueprints for manufacturing. (Same as Manufacturing Technology 011.)

30710	6:00p-7:50p	F	Bartlett R	SAC A-128	Full Semester
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ENGINEERING 012, AEC BLUEPRINT READING 3 UNITS

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.

28055	6:00p-7:00p	M	Burgos J	SAC A-225	Full Semester
	7:00p-10:10p	M	Burgos J	SAC A-216	

1 hour per week arranged

ENGINEERING 051, BASIC TECHNICAL DRAWING 3 UNITS

Principles of mechanical drawing including projections, 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).

Material Fee(s): \$4					
28052	6:00p-7:00p	M	Burgos J	SAC A-225	Full Semester
	7:00p-10:10p	M	Burgos J	SAC A-216	

2 hours per week arranged

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGINEERING 100A, INTRODUCTION TO ENGINEERING 2 UNITS					
<i>Introduction to major fields of Engineering (including mechanical, electrical, industrial, biomedical, aerospace, and others.) Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, and guest speakers.</i>					
Material Fee(s): \$2					
28057	4:00p-5:50p	M	Takahashi C	SAC A-214	Full Semester
ENGINEERING 100B, INTRODUCTION TO ARCHITECTURE/CIVIL ENGINEERING / CONSTRUCTION (AEC) 2 UNITS					
<i>Introduction to the Architectural, Civil Engineering, Construction (AEC) fields. Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, and guest speakers.</i>					
Material Fee(s): \$2					
28058	4:00p-5:50p	Th	Takahashi C	SAC A-214	Full Semester
ENGINEERING 103, SOLIDWORKS BASIC SOLID MODELING 3 UNITS					
<i>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.)</i>					
30767	7:00p-10:10p	M	Corley G	SAC T-203-1	Full Semester
Section 30767 has 2 hours arranged per week					
30769	7:00p-10:10p	Tu	Corley G	SAC T-203-1	Full Semester
Section 30769 has 2 hours arranged per week					
ENGINEERING 104, SOLIDWORKS INTERMEDIATE SOLID MODELING 3 UNITS					
<i>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.)</i>					
Prerequisite: Engineering 103.					
30771	7:00p-10:10p	W	Cole J	SAC T-203-1	Full Semester
Section 30771 has 2 hours arranged per week					
ENGINEERING 110, ADVANCED CAD APPLICATIONS 0.5 - 4 UNITS					
<i>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.</i>					
Open Entry / Open Exit					
Material Fee(s): \$2					
30967	TBA		Takahashi C	SAC A-225	Full Semester
ENGINEERING 122, ENGINEERING DRAWING 3 UNITS					
<i>Extended review of basic skills of engineering drawing principles. Study of manufacturing processes, projections, intersections and developments, utilizing sketches and computer drafting program. Suggested preparation: Engineering 051 and 183 (Engineering 183 may be taken concurrently).</i>					
Material Fee(s): \$4					
28059	6:00p-10:10p	M	Takahashi C	SAC A-214	Full Semester
2 hours per week arranged					
ENGINEERING 125, ENGINEERING GRAPHICS 3 UNITS					
<i>Technical drawing and descriptive geometry fundamentals. Includes projection theory, dimensioning, tolerancing, section, design and graphical mathematics, utilizing sketches and computer drafting program. Suggested preparation: Engineering 183 (may be taken concurrently).</i>					
Prerequisite: Engineering 051 and Mathematics 160.					
Material Fee(s): \$4					
28061	6:00p-10:10p	M	Takahashi C	SAC A-214	Full Semester
2 hours per week arranged					
ENGINEERING 130B, CATIA SOLID MODELING II 3 UNITS					
<i>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, and introduction to surface modeling.</i>					
Prerequisite: Engineering 130A.					
Software Utilized: CATIA V5R19					
28086	4:00p-6:50p	Tu	Gutierrez M	SAC A-225	Full Semester
3 hours per week arranged					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGINEERING 132, INTRODUCTION TO ROBOTICS 3 UNITS					
<i>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.</i>					
31049	6:00p-9:05p	W	Takahashi C	SAC A-214	Full Semester
3 hours per week arranged					
ENGINEERING 140B, PROENGINEER SOLID MODELING II 3 UNITS					
<i>Intermediate course in parametric solid modeling CAD using ProEngineer software. Topics include intermediate/advanced level coverage of: sketches, reference geometry, patterns, mirrors, assemblies, drawing creation and annotation, dimensioning, and introduction to surface modeling.</i>					
Prerequisite: Engineering 140A.					
Software Utilized: ProEngineering Wildfire 4					
28087	4:00p-6:50p	W	Rodriguez Ponce L	SAC A-225	Full Semester
3 hours per week arranged					
ENGINEERING 142, ARCHITECTURE/CIVIL ENGINEERING/CONSTRUCTION (AEC) DRAFTING STANDARDS 4 UNITS					
<i>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.</i>					
Prerequisite: Engineering 183.					
Material Fee(s): \$4					
30969	4:00p-6:55p	Tu	Safa W	SAC A-214	Full Semester
4 hours per week arranged					
ENGINEERING 154, ARCHITECTURE/CIVIL ENGINEERING/CONSTRUCTION (AEC) AND AUTOCAD DRAFTING 3 UNITS					
<i>This course will focus on AutoCAD, including the Architectural Desktop. Applications include Architectural, Civil Engineering, and Construction drawings/documents. Drawing setup and printing to scale will be stressed. Suggested preparation: Engineering 183 and 184.</i>					
Material Fee(s): \$4					
28080	6:00p-10:10p	W	Sherod S	SAC A-216	Full Semester
Section 28080 combines on-campus meetings every Wed, 6:00pm-10:10pm, SAC A-216 with online instruction. Go to www.sac.edu/disted for more information.					
Email instructor first week of class at (Sherod_Susan@sac.edu)					
ENGINEERING 183, AUTOCAD I - COMPUTER AIDED DRAFTING 3 UNITS					
<i>A first course in computer drafting using AutoCAD software. Topics include: display and file management, units, entities, object selection, advanced editing, layers, dimensions, text, graphic exchange.</i>					
Material Fee(s): \$4					
Software Utilized: AutoCAD 2010					
28078	TBA		Sherod S	SAC WEB	Full Semester
Section 28078 online instruction plus mandatory on-campus orientation.					
Go to www.sac.edu/disted for more information.					
Email instructor on first week of class.(Sherod_Susan@sac.edu)					
28066	9:00a-12:05p	Tu Th	Caldin R	SAC A-216	Full Semester
28090	6:00p-10:10p	Th	Galvez R	SAC A-216	Full Semester
2 hours per week arranged					
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					
28069	TBA		Sherod S	SAC WEB	Full Semester
Section 28069 online instruction plus mandatory on-campus orientation.					
Go to www.sac.edu/disted for more information.					
E-mail instructor first week of class.(Sherod_Susan@sac.edu)					
30965	8:00a-12:20p	Sa	Fonseca J	SAC A-216	Full Semester
2 hours per week arranged					
28067	9:00a-12:05p	Tu Th	Caldin R	SAC A-216	Full Semester
28091	6:00p-10:10p	Th	Galvez R	SAC A-216	Full Semester
2 hours per week arranged					
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					
28071	8:00a-12:20p	Sa	Fonseca J	SAC A-216	Full Semester
2 hours per week arranged					

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ENGINEERING 186, AUTOCAD 3-DIMENSIONAL DRAWING 3 UNITS

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.

Material Fee(s): \$4

Software Utilized: AutoCAD 2010

28085	6:00p-10:10p	W	Sherod S	SAC A-216	Full Semester
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Section 28085 combines on-campus meetings every Wed, 6:00pm-10:10pm, SAC A-216 with online instruction. Go to www.sac.edu/disted for more information.
E-mail instructor first week of class. (Sherod_Susan@sac.edu)

ENGINEERING 191, CIVIL CAD CONCEPTS 3 UNITS

Fundamental principles and operation of the Intergraph MicroStation computer aided drafting and design system emphasizing Civil Engineering applications, to create, modify, store and plot graphic data.

Material Fee(s): \$4

Software Utilized: MicroStation V8i

28088	6:00p-10:10p	Tu	Iranpour S	SAC A-216	Full Semester
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2 hours per week arranged

ENGINEERING 193, MICROSTATION 3-D 3 UNITS

Theory, concepts, techniques and practices of three dimensional design using Intergraph MicroStation. Topics include: surfaces, solids, shade, shadow and color. Suggested preparation: Engineering 191.

Material Fee(s): \$4

Software Utilized: MicroStation V8i

28089	6:00p-10:10p	Tu	Iranpour S	SAC A-216	Full Semester
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2 hours per week arranged

ENGINEERING 201, ARCHITECTURAL PRACTICE 5 UNITS

Course provides "real world" practical knowledge needed to research information, make decisions, develop a basic design, experience the process of working through a project, and understand how various activities are related in the scope of a typical small project. Suggested preparation: Engineering 142, 112 and 149.

Material Fee(s): \$4

28075	4:00p-6:50p	M	Sherod S	SAC A-216	Full Semester
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Section 28075 combines online instruction plus mandatory on-campus meetings: Mondays, 4:00pm-6:50pm, SAC A-216. Go to www.sac.edu/disted for more information.
Email instructor on first week of class. (Sherod_Susan@sac.edu)

ENGINEERING 205, CIVIL DIGITAL COMPUTATIONS 3 UNITS

Introduction to the theory of AutoCAD engine in civil engineering. Included topics: CAD customization for civil engineers; digital computation methods in statistics and solving algebraic equations; primary combined and complex elements; CAD engine deliverables; complex shapes and libraries.

Prerequisite: Engineering 183.

31100	6:00p-9:05p	F	Staff	SAC A-216	Full Semester
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3 hours per week arranged

ENGINEERING 240, DYNAMICS 3 UNITS

The second part of mechanics, concerned with the effect of forces on the motion of objects. Introduction to kinematics and kinetics, rectilinear and curvilinear motion, work and energy, impulse and momentum, and vibrations.

Prerequisite: Engineering 235.

28853	7:00p-10:10p	Tu	Takahashi C	SAC A-214	Full Semester
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ENGINEERING 250, ELECTRIC CIRCUITS 3 UNITS

Ohm's and Kirchhoff's Laws, useful theorems for circuit analysis, RC, RL, and RLC circuits, phasors and steady-state sinusoidal analysis, and polyphase circuits.

Prerequisite: Mathematics 280, and Physics 227 (both may be taken concurrently).

28062	7:00p-10:10p	Th	Takahashi C	SAC A-214	Full Semester
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ENGINEERING 250L, ELECTRIC CIRCUITS LABORATORY 1 UNIT

Selected laboratory exercises in engineering circuit analysis. Resistive, RL, RC, and RLC circuits, and circuit analysis theorems.

Prerequisite: Engineering 250 or concurrent enrollment.

Material Fee(s): \$2

28063	6:00p-6:55p	Th	Takahashi C	SAC A-214	Full Semester
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ENGLISH

ENGLISH N50, INTRODUCTION TO WRITTEN COMMUNICATION 3 UNITS

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.

27281	8:00a-9:25a	M W	Patterson K	SAC D-107	Full Semester
27282	9:00a-12:10p	Sa	Beyersdorf M	SAC I-102	Full Semester
27280	9:00a-12:10p	F	Sosta R	SAC D-108	Full Semester
27283	11:30a-12:55p	M W	Bennett G	SAC I-102	Full Semester
27284	1:00p-2:25p	M W	Bennett G	SAC I-102	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ENGLISH N60, BASICS OF EFFECTIVE WRITING 3 UNITS

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).

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

27289	7:30a-9:35a	M W	Bassett D	SAC D-109	Full Semester
27361	7:30a-9:35a	Tu Th	Mitzner R	SAC L-202	Full Semester
27287	8:00a-10:05a	M W	Beyersdorf M	SAC D-204	Full Semester
27286	10:15a-12:20p	Tu Th	Brandon K	SAC D-214	Full Semester
27285	10:15a-12:20p	M W	Bromberger K	SAC I-104	Full Semester

Section 27285 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28599. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

27295	1:30p-3:35p	M W	Brandon K	SAC I-109	Full Semester
27290	6:00p-10:15p	M	Simmerman S	SAC D-213	Full Semester
27292	6:00p-10:15p	W	Barraza G	SAC I-207	Full Semester
27293	6:00p-10:15p	Th	Dongell R	SAC D-212	Full Semester
27294	6:00p-10:15p	F	Gorrie K	SAC D-102	Full Semester
27291	6:00p-10:15p	Tu	Greenberg H	SAC D-108	Full Semester

ENGLISH 061, INTRODUCTION TO COMPOSITION 3 UNITS

Expository paragraph writing emphasizing various methods including argumentation. Practice in refining sentence skills and grammar. 16 additional hours in Writing Center required.

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

27301	TBA		Bennett G	SAC WEB	Full Semester
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Section 27301 combines on-line instruction plus mandatory on campus meetings: Wed, 2/10, 3/17, 4/28, 6/2, 4:30-6:50pm, SAC-D-434. Go to www.sac.edu/disted for more information. Email instructor first week of class.(bennett_gary@sac.edu).
16 additional virtual hours required, one hour per week for 16-week semester.

27299	8:00a-10:05a	Tu Th	Beyersdorf M	SAC D-108	Full Semester
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Section 27299 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28611. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

27297	8:00a-10:05a	Tu Th	Daly N	SAC D-213	Full Semester
27323	9:45a-11:50a	Tu Th	Bassett D	SAC I-206	Full Semester
27303	9:45a-11:50a	M W	Ramshaw C	SAC I-208	Full Semester
27298	10:15a-12:20p	Tu Th	Ramshaw C	SAC D-108	Full Semester
27304	11:15a-1:20p	M W	Daly N	SAC D-212	Full Semester
27316	11:30a-1:35p	Tu Th	Daly N	SAC D-201	Full Semester
27306	11:30a-1:35p	M W	Bassett D	SAC D-109	Full Semester

Section 27306 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28613 and Speech 102, Public Speaking, Section 27702. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

27305	12:00p-2:05p	Tu Th	Jaffray S	SAC D-109	Full Semester
27307	12:00p-2:05p	M W	Higgins M	SAC D-108	Full Semester
27296	12:30p-2:35p	Tu Th	Martinez D	SAC D-102	Full Semester
27302	1:00p-5:50p	M W	Tran M	SAC D-304	02/08-03/29

16 additional hours in Writing Center required, two hour per week for 8-week semester.

27321	1:15p-5:30p	Tu Th	Tran M	SAC D-103	04/13-06/03
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16 additional hours in Writing Center required, two hours per week for 8-week semester.

27322	1:15p-3:20p	Tu Th	Brandon K	SAC I-107	Full Semester
27351	1:45p-3:50p	Tu Th	Higgins M	SAC D-107	Full Semester
27317	3:45p-5:50p	M W	Higgins M	SAC D-108	Full Semester
27318	4:45p-6:50p	Tu Th	Huck T	SAC D-109	Full Semester
27300	6:00p-10:15p	W	Simmerman S	SAC D-109	Full Semester
27320	6:00p-10:15p	Th	Coston S	SAC D-305	Full Semester
27319	6:00p-10:15p	M	Lewitzki R	SAC D-109	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.

27357	TBA		Pearce D	SAC WEB	Full Semester
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Section 27357 combines on-line instruction plus mandatory on campus meetings: Thurs, 2/11, 3/11, 4/15, 5/6, 6/3, 4:00-5:50pm, SAC-D-102. Go to www.sac.edu/disted for more information. Email instructor first week of class (pearce_dianne@sac.edu)

27332	TBA		Bennett G	SAC WEB	Full Semester
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Section 27332 combines on-line instruction plus mandatory on campus meetings: Thurs, 2/11, 3/18, 4/29, 6/3, 4:30-6:50pm, SAC-D-214. Go to www.sac.edu/disted for more information. Email instructor first week of class (bennett_gary@sac.edu)

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

27372	TBA		Ramshaw C	SAC WEB	Full Semester
Section 27372 combines online instruction plus mandatory on campus meetings: Mon, 2/8, 3/15, 4/12, 5/17, 5:00-6:50pm, SAC-D-401. Go to www.sac.edu/disted for more information. Email instructor first week of class (ramshaw_charles@sac.edu)					
27366	10:15a-12:20p	MW	Patterson K	SAC I-106	Full Semester
U-LINK: Section 27366 is linked to Counseling 128, Introduction to Community Activism, Section 28620. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
27371	11:30a-1:35p	Tu Th	Carroll A	SAC I-109	Full Semester
27368	1:00p-3:05p	MW	Martinez D	SAC D-102	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.

27376	TBA		Beyersdorf M	SAC WEB	Full Semester
Section 27376 combines on-line instruction plus mandatory on campus meetings: Mon, 2/8, 3/15, 4/12, 5/24, 5:00-6:50pm, SAC-D-434. Go to www.sac.edu/disted for more information. Email instructor first week of class (beyersdorf_matthew@sac.edu)					
27375	8:00a-10:05a	MW	Carroll A	SAC D-102	Full Semester
27381	12:45p-2:50p	MW	Beyersdorf M	SAC I-207	Full Semester
27373	6:00p-10:15p	W	Munoz J	SAC D-108	Full Semester
27382	6:00p-10:15p	Tu	Read-Davidson M	SAC I-104	Full Semester
27386	6:00p-10:15p	M	Jaffray S	SAC D-108	Full Semester
27379	6:00p-10:15p	W	Reid M	SAC I-106	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.

27385 9:45a-11:50a Tu Th Bennett G SAC D-109 Full Semester

ENGLISH 206, INTRODUCTION TO LANGUAGE STRUCTURE AND USE

3 UNITS

Introduction to the nature and structure of human language, first and second language acquisition, development of literacy, and language use. Comparisons of languages in the local area will be explored.

Prerequisite: English 101 or 101H.

27390 8:00a-9:25a MW Jaros B SAC I-104 Full Semester

ENGLISH 241, SURVEY OF AMERICAN LITERATURE 1600-1860

3 UNITS

Survey of America's greatest works of literature from 1600-1860. Emphasizes the relationship between various works and general movements in American culture and literary history.

Prerequisite: English 101 or 101H.

27392 8:00a-9:25a Tu Th Taylor J SAC I-107 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.

27396	8:00a-9:25a	MW	Coston S	SAC I-109	Full Semester
27391	7:00p-10:10p	W	Patterson K	SAC D-204	Full Semester
27395	7:00p-10:10p	Tu	Carey J	SAC D-305	Full Semester

ENGLISH 272, SURVEY OF WORLD LITERATURE

3 UNITS

Survey of world literary masterworks since the Renaissance studied for artistic form, cultural influence, and contributions to modern and contemporary thought.

Prerequisite: English 101 or 101H.

27397 12:15p-1:40p Tu Th Patterson K SAC I-207 Full Semester

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.

27434	8:00a-11:05a	Tu Th	Keith K	SAC I-109	Full Semester
27432	7:00p-10:05p	Tu Th	Kim H	SAC D-211	Full Semester
27435	7:00p-10:05p	MW	Kim H	SAC D-211	Full Semester

27358	TBA		Kabaji N	SAC WEB	Full Semester
Section 27358 combines on-line instruction plus mandatory on campus meetings: Wed, 2/10, 3/10, 4/14, 5/12, 6/2, 4:00-5:50pm, SAC-D-102. Go to www.sac.edu/disted for more information. Email instructor first week of class (kabaji_noha@sac.edu)					
27359	TBA		Nguyen P	SAC WEB	Full Semester
Section 27359 combines on-line instruction plus mandatory on campus meetings: Tues, 2/9, 3/16, 5/4, 6/1, 4:00-5:50pm, SAC-D-102. Go to www.sac.edu/disted for more information. Email instructor first week of class (nguyen_pete@sac.edu)					
27324	7:30a-9:35a	MW	Mitzner R	SAC I-208	Full Semester
27356	7:30a-9:35a	Tu Th	Tran M	SAC D-109	Full Semester
27335	8:00a-10:05a	Tu Th	Ramshaw C	SAC I-208	Full Semester
27343	8:00a-12:15p	F	Gorrie K	SAC D-212	Full Semester
27348	8:00a-10:05a	MW	Daly N	SAC I-207	Full Semester
27334	8:00a-12:15p	F	Tran M	SAC D-102	Full Semester
27350	8:00a-10:05a	Tu Th	Pecenkovic N	SAC D-214	Full Semester
27328	9:00a-1:15p	Sa	Gomez F	SAC I-101	Full Semester
27352	9:00a-1:15p	F	Keefer S	SAC D-201	Full Semester
27329	9:45a-11:50a	MW	Brandon K	SAC D-107	Full Semester
27327	10:00a-12:05p	Tu Th	Huck T	SAC I-207	Full Semester
Section 27327 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28600 and Psychology 100, Introduction to Psychology, Section 27440. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
27326	10:15a-12:20p	Tu Th	Martinez D	SAC D-213	Full Semester
PUENTE: Section 27326 is linked to Counseling 111, Learning Skills Development, Section 28566. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
27288	10:15a-12:20p	MW	Mitzner R	SAC I-207	Full Semester
27330	10:15a-12:20p	MW	Martinez D	SAC D-102	Full Semester
Section 27330 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28607. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
27333	11:30a-1:35p	Tu Th	Higgins M	SAC D-210	Full Semester
27349	11:30a-1:35p	Tu Th	Mitzner R	SAC I-106	Full Semester
Section 27349 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28602. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
27337	12:00p-2:05p	MW	Harris J	SAC D-107	Full Semester
27336	12:00p-2:05p	MW	Ramshaw C	SAC I-208	Full Semester
27325	1:00p-5:30p	MW	Lewitzki R	SAC D-214	04/12-06/03
30900	1:15p-3:20p	MW	Munoz J	SAC D-211	Full Semester
27342	2:30p-4:35p	Tu Th	Jaffray S	SAC D-204	Full Semester
27338	4:30p-6:35p	MW	Arnold G	SAC D-211	Full Semester
27340	4:45p-6:50p	Tu Th	Arnold G	SAC I-207	Full Semester
27341	4:45p-6:50p	MW	Huck T	SAC D-212	Full Semester
27355	6:00p-10:15p	W	Kaminsky R	SAC I-109	Full Semester
27346	6:00p-10:15p	W	Dongell R	SAC D-213	Full Semester
27344	6:00p-10:15p	Tu	Johnson S	SAC D-210	Full Semester
27345	6:00p-10:15p	Th	Greenberg H	SAC I-208	Full Semester
27347	6:00p-10:15p	F	Whynaught J	SAC D-305	Full Semester
27354	6:00p-10:15p	Th	Read-Davidson M	SAC D-210	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 English 061 or ACE 116 or qualifying profile from English placement process.

27365	7:30a-9:35a	Tu Th	Bassett D	SAC I-106	Full Semester
27388	8:00a-10:05a	Tu Th	Patterson K	SAC I-104	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 ESL 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.
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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.
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGLISH AS A SECOND LANGUAGE N40B, INTRODUCTION TO ACADEMIC ESL II 3 UNITS					
<i>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.</i>					
Prerequisite: Credit in ESL N40A or qualifying profile from ESL placement process.					
27429	8:00a-11:05a	Tu Th	Lewis M	SAC D-103	Full Semester
27433	7:00p-10:05p	Tu Th	Zamoyska C	SAC I-107	Full Semester

ENGLISH AS A SECOND LANGUAGE N49, READING, WRITING AND GRAMMAR I 3 UNITS					
<i>Beginning multi-skill language practice. Sentence practice and controlled composition. Revision and editing. Basic grammar including simple and progressive verb tenses. Critical reading. Lab hours are required. Not applicable to associate degree.</i>					
Prerequisite: ESL N40B.					

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

27436	8:00a-11:05a	M W	Lewis M	SAC D-214	Full Semester
27438	11:00a-2:10p	M W	Keith K	SAC L-202	Full Semester
27454	7:00p-10:10p	Tu Th	Macias A	SAC I-207	Full Semester
27439	7:00p-10:05p	Tu Th	Mowrer M	SAC D-303	Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS

ENGLISH FOR MULTILINGUAL STUDENTS 055, WRITING, GRAMMAR AND READING I 4 UNITS					
<i>Sentence-level writing for multilingual students who can speak English but often make grammar mistakes when writing. Narrative paragraphs and journal writing. Revision and editing. Basic grammar including verb tenses and modals. Critical reading. Lab hours are required.</i>					
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**

27457	8:00a-11:05a	M W	Ferrell K	SAC D-211	Full Semester
27461	11:30a-2:40p	M W	Hassel E	SAC D-201	Full Semester
27464	1:15p-4:25p	M W	Simmons K	SAC D-209	Full Semester
27470	7:00p-10:10p	M W	Mowrer M	SAC I-104	Full Semester
27460	7:00p-10:10p	Tu Th	Ferrell K	SAC D-107	Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS 107, WRITING, GRAMMAR AND READING II 4 UNITS					
<i>Sentence and paragraph level writing for multilingual students who can speak English but often make grammar mistakes when writing. Narrative and descriptive paragraphs. Revision and editing. Review of basic grammar. Practice with sentence variety. Critical reading.</i>					
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**

27473	8:00a-11:05a	Tu Th	Ehresmann B	SAC D-107	Full Semester
27472	8:00a-11:05a	M W	Mallory L	SAC D-212	Full Semester
27479	11:30a-2:40p	M W	Lewis M	SAC D-204	Full Semester
27478	11:30a-2:40p	M W	Ehresmann B	SAC D-103	Full Semester
27483	7:00p-10:05p	Tu Th	Mallory L	SAC I-109	Full Semester
27481	7:00p-10:05p	M W	Beaver D	SAC D-201	Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS 109, WRITING, GRAMMAR AND READING III 4 UNITS					
<i>Paragraph-level writing for multilingual students who speak English but often make grammar mistakes when they write. Narrative, descriptive and expository paragraph practice. Revision and editing. Complex grammar structures. Critical reading.</i>					
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**

27492	8:00a-11:05a	M W	Hicks R	SAC B-31	Full Semester
27490	8:00a-11:05a	Tu Th	Hicks R	SAC D-212	Full Semester
27498	11:30a-2:40p	M W	Dwyer D	SAC D-303	Full Semester
27499	12:30p-3:40p	Tu Th	Dwyer D	SAC D-214	Full Semester
27502	7:00p-10:05p	M W	Cavina K	SAC I-208	Full Semester
27501	7:00p-10:05p	Tu Th	Baker E	SAC D-214	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGLISH FOR MULTILINGUAL STUDENTS 110, INTRODUCTION TO THE ESSAY 3 UNITS					
<i>Introductory writing course for multilingual students who speak English fluently but make multiple grammar errors when writing. Composition course progresses from paragraph to essay, emphasizing basic expository modes, grammar review, critical reading, and revision and editing techniques.</i>					
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**

27556	8:00a-10:05a	M W	Keith K	SAC I-107	Full Semester
27558	9:45a-11:50a	Tu Th	Dwyer D	SAC D-303	Full Semester
27561	12:00p-2:05p	Tu Th	Ehresmann B	SAC D-211	Full Semester
27563	4:45p-6:50p	M W	Woodruff S	SAC D-103	Full Semester
27567	6:00p-10:15p	Tu	Hassel E	SAC I-208	Full Semester
27565	6:00p-10:15p	M	Myers D	SAC D-107	Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS 112, ADVANCED COMPOSITION 3 UNITS					
<i>Advanced level writing course for multilingual students who are fluent in conversational English but make multiple grammar errors when writing. Emphasis is on complex expository modes, grammatical accuracy in writing, grammar review, research methods, critical reading skills, and revision and editing techniques.</i>					
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**

27569	8:00a-10:05a	M W	Naum M	SAC I-106	Full Semester
27576	11:30a-1:35p	M W	Ferrell K	SAC D-213	Full Semester
27573	12:30p-2:35p	Tu Th	Beasley J	SAC D-108	Full Semester
27579	6:00p-10:15p	Th	Cervantes M	SAC D-213	Full Semester
27577	6:00p-10:15p	M	Josifek J	SAC D-102	Full Semester

ENVIRONMENTAL STUDIES

ENVIRONMENTAL STUDIES 140, ENVIRONMENTAL GEOLOGY 3 UNITS					
<i>Study of urban geologic hazards: earthquakes, groundwater pollution, flood potential, landslides and creep, soil expansion, coastal erosion, and volcanic hazards. (Same as Geology 140).</i>					
31046	11:30a-12:55p	Tu Th	Hughes P	SAC R-111	Full Semester

ETHNIC STUDIES

ETHNIC STUDIES 101, INTRODUCTION TO ETHNIC STUDIES 3 UNITS					
<i>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.</i>					
27659	12:00p-1:25p	Tu Th	Herrera Thomas H	SAC D-303	Full Semester
27661	7:00p-10:10p	W	Briceno G	SAC I-203	Full Semester

EXERCISE SCIENCE ACTIVITIES

E.S. ACTIVITIES N70, BASIC ACTIVITIES 1 UNIT					
<i>Instruction and practice in the fundamentals and strategies of a variety of physical activities.</i>					
30192	11:00a-12:25p	Tu Th	Breig D	SAC G-113	Full Semester
30193	1:00p-2:25p	Tu Th	Breig D	SAC G-118	Full Semester
E.S. ACTIVITIES 107, BADMINTON 0.5 UNIT					
<i>Instruction and experience in the fundamental skills and strategies of badminton.</i>					
31167	10:00a-10:50a	Tu Th	Brown M	SAC G-105	Full Semester
E.S. ACTIVITIES 107, BADMINTON 1 UNIT					
<i>Instruction and experience in the fundamental skills and strategies of badminton.</i>					
27538	7:00p-10:00p	Tu	Ogas D	SAC G-105	Full Semester
E.S. ACTIVITIES 140, KARATE 1 UNIT					
<i>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.</i>					
30211	5:30p-6:55p	M W	Hines D	SAC W-111	Full Semester
E.S. ACTIVITIES 150, HATHA YOGA 0.5 UNIT					
<i>This class is an investigation of the history, philosophy and practice of physical Hatha Yoga. Physical exercises are designed to improve muscle tone, flexibility, breath control, relaxation, and unity of mind, body and spirit.</i>					
28396	8:00a-10:00a	F	Ward M	SAC W-106	Full Semester
E.S. ACTIVITIES 150, HATHA YOGA 1 UNIT					
<i>This class is an investigation of the history, philosophy and practice of physical Hatha Yoga. Physical exercises are designed to improve muscle tone, flexibility, breath control, relaxation, and unity of mind, body and spirit.</i>					
29796	11:30a-12:55p	M W	Doty A	SAC W-106	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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E.S. ACTIVITIES 170, YOGA

0.5 UNIT

An exercise program involving postures to increase flexibility and core muscle strength as a way of improving and enhancing physical and mental alertness.

W 30215	8:00a-10:05a	Sa	Reily C	SAC W-107	Full Semester
30216	7:00p-9:05p	Th	Reily C	SAC W-107	Full Semester

E.S. ACTIVITIES 185, AIKIDO

0.5 UNIT

Aikido is a traditional Japanese martial art and effective means of self-defense. It is a non-aggressive, non-competitive martial art that offers superior physical conditioning, coordination, focus, and balance. The class is a survey of traditional Aikido mental, physical and ethical training. Students will examine the concepts of environmental awareness, personal responsibility, etiquette, and ethical use of force.

28393	6:30p-8:30p	Tu	Ward M	SAC W-111	Full Semester
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E.S. ACTIVITIES 220, BASKETBALL

1 UNIT

Fundamentals, rules, strategies, philosophies and theories of individual and team basketball.

27384	11:00a-12:25p	Tu Th	Brown M	SAC G-105	Full Semester
27312	7:00p-9:10p	M	Brown M	SAC G-105	Full Semester

E.S. ACTIVITIES 260, SOCCER

0.5 UNIT

Practice of the game of soccer, including skills, groups and team tactics. Course focuses on improving performance in all aspects of the game: defense, midfield, attack and special situations.

W 30808	10:10a-12:15p	Sa	De Simone K	SAC G-118	Full Semester
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E.S. ACTIVITIES 260, SOCCER

1 UNIT

Practice of the game of soccer, including skills, groups and team tactics. Course focuses on improving performance in all aspects of the game: defense, midfield, attack and special situations.

27394	11:15a-12:40p	Tu Th	Coffman J	SAC G-118	Full Semester
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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.

27399	6:00p-9:10p	W	Coffman J	SAC W-107	Full Semester
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E.S. ACTIVITIES 290, VOLLEYBALL

1 UNIT

Instruction and practice in fundamental skills techniques, strategies, basic rules, team offense and defense, and team concepts of Volleyball.

27406	7:00p-10:00p	Th	Gorrie R	SAC G-105	Full Semester
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E.S. ACTIVITIES 292, ADVANCED VOLLEYBALL-WOMEN

1 UNIT

An advanced volleyball course designed for female athletes who have intercollegiate, USA club, or varsity high school volleyball experience. Emphasis will be placed on advanced technical skill development, offensive and defensive systems analysis, and sport specific physical fitness assessment and conditioning activities.

30306	7:00p-10:10p	Tu	Abbey T	SAC W-107	Full Semester
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E.S. ACTIVITIES N70, BASIC ACTIVITIES

1 UNIT

Instruction and practice in the fundamentals and strategies of a variety of physical activities.

30192	11:00a-12:25p	Tu Th	Breig D	SAC G-113	Full Semester
30193	1:00p-2:25p	Tu Th	Breig D	SAC G-118	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.

27387	1:00p-1:55p	M W	Brown M	SAC E-102	Full Semester
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E.S. ADAPTED ACTIVITIES 206, ADAPTED TENNIS

0.5 UNIT

Instruction and practice in the fundamental skills of tennis to meet the individual needs for students with disabilities.

27389	9:00a-9:55a	M W	Brown M	SAC G-116	Full Semester
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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.

27564	10:00a-10:55a	M W	Siddons A	SAC G-105	Full Semester
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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.

27449	8:30a-10:00a	Tu Th	Nutter K	SAC G-113	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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E.S. AEROBIC FITNESS 143, EXTREME FITNESS

1 UNIT

Instruction in overall fitness development. The program develops overall fitness and challenges students to perform aerobic, anaerobic, strength, plyometric and agility exercises to their individual highest level. It uses a variety of environments (i.e. beach, strength lab, track, field, etc).

27532	11:30a-1:00p	M W	Nutter K	SAC W-107	Full Semester
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E.S. AEROBIC FITNESS 146, STABILITY BALL TRAINING FOR FITNESS

1 UNIT

An efficient, full body strength workout utilizing large stability balls and a variety of resistance equipment.

27534	11:30a-1:00p	Tu Th	Nutter K	SAC W-107	Full Semester
28387	1:30p-2:55p	M W	Tyler D	SAC W-107	Full Semester

E.S. AEROBIC FITNESS 146, STABILITY BALL TRAINING FOR FITNESS

0.5 UNIT

An efficient, full body strength workout utilizing large stability balls and a variety of resistance equipment.

28388	7:00p-9:05p	W	Tyler D	SAC W-106	Full Semester
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E.S. AEROBIC FITNESS 150, STRETCH, FLEX AND TONE

1 UNIT

A combination of stretching and toning exercises to increase strength, flexibility, and overall body fitness.

27463	10:00a-11:30a	Tu Th	Nutter K	SAC W-107	Full Semester
27452	10:00a-11:30a	M W	Nutter K	SAC W-107	Full Semester
30511	1:05p-2:30p	Tu Th	Macdonald J	SAC W-107	Full Semester

E.S. AEROBIC FITNESS 156, CARDIO BOXING

1 UNIT

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.

30803	8:00a-9:25a	Tu Th	Rapoza J	SAC W-107	Full Semester
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E.S. AEROBIC FITNESS 156, CARDIO BOXING

0.5 UNIT

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.

28389	7:00a-7:55a	M W	Tyler D	SAC W-107	Full Semester
28390	11:00a-1:05p	F	Tyler D	SAC W-107	Full Semester

E.S. AEROBIC FITNESS 157, CARDIO PUMP

0.5 UNIT

Instruction in overall fitness development. This class is designed to incorporate weight lifting into a cardio routine. It develops strength and endurance of all major muscle groups using routines performed to music.

30792	7:00p-9:05p	M	Howell A	SAC W-107	Full Semester
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E.S. AEROBIC FITNESS 158, STEP AEROBICS

0.5 UNIT

An aerobic exercise program that improves flexibility, aerobic conditioning, muscular strength and endurance by utilizing a platform for stepping up and down. Includes a variety of stepping routines and upper body strength training exercises in controlled rhythmic patterns set to music. A complete high intensity low-impact balanced aerobic activity suited to accommodate students in all fitness levels.

28391	9:00a-9:55a	M W	Tyler D	SAC W-107	Full Semester
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E.S. AEROBIC FITNESS 160, AQUA AEROBICS

0.5 UNIT

An aerobic exercise class in the water. The program will be geared to developing cardiovascular endurance, increasing flexibility and toning of the muscles. No swimming skills required.

30805	6:00p-8:05p	W	Shine C	SAC G-121	Full Semester
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EXERCISE SCIENCE AQUATICS

E.S. AQUATICS 201, SWIMMING

1 UNIT

Instruction and experience in the basic stroke techniques and safety procedures of swimming.

30790	9:30a-10:55a	M W	Gorrie D	SAC G-121	Full Semester
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E.S. AQUATICS 201, SWIMMING

0.5 UNIT

Instruction and experience in the basic stroke techniques and safety procedures of swimming.

W 30858	9:00a-11:05a	Sa	Daniel D	SAC G-121	Full Semester
30341	11:00a-11:55a	Tu Th	Siddons A	SAC G-121	Full Semester

E.S. AQUATICS 206, LAP SWIMMING

1 UNIT

Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.

30791	9:30a-10:55a	M W	Gorrie D	SAC G-121	Full Semester
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E.S. AQUATICS 206, LAP SWIMMING

0.5 UNIT

Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.

W 30863	9:00a-11:05a	Sa	Daniel D	SAC G-121	Full Semester
30342	11:00a-11:55a	Tu Th	Siddons A	SAC G-121	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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

Tue/Wed/Thu 9am

Tue/Thu 6pm

Mini Semester Orientations given during the first week of the mini semester

Tue/Wed/Thu at 9am AND Tue/Thu at 6pm

Open hours AFTER Orientation Week are:

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

30423	TBA	Macdonald J	SAC E-108	Full Semester
30424	TBA	Sneddon D	SAC E-108	04/12-06/04

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

30425	TBA	Sneddon D	SAC E-108	Full Semester
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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

30426	TBA	Macdonald J	SAC E-108	Full Semester
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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.

Academic Planning Questions?

www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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 7am–2pm & 4pm–8pm
Fri 7am–2pm & 4pm–7pm
Sat 8am–11am.

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.

30414	TBA	Luppani M	SAC E-102	Full Semester
30415	TBA	Luppani M	SAC E-102	04/12-06/04

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.

30416	TBA	Luppani M	SAC E-102	Full Semester
30417	TBA	Luppani M	SAC E-102	04/12-06/06

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.

30418	TBA	Luppani M	SAC E-102	Full Semester
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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 8–12pm, 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.

30419	TBA	Ogas D	SAC G-103	Full Semester
30420	TBA	Ogas D	SAC G-103	04/12-06/06

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.

30421	TBA	Ogas D	SAC G-103	Full Semester
30422	TBA	Ogas D	SAC G-103	04/12-06/06

E.S. FITNESS 147, WEIGHT TRAINING CO-ED 1 UNIT

Introductory instruction and practice in large muscle area development utilizing free weight. Development will be in muscle size or tone and strength or endurance.

27548	12:30p-1:55p	M W	Sneddon D	SAC G-114	Full Semester
30806	1:00p-2:25p	M W	De Simone K	SAC G-114	Full Semester
28398	2:30p-3:55p	W F	Gonzales F	SAC E-102	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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E.S. FITNESS 198, 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 ecg, graded exercise test, and sport specific activities. Each student will attend an orientation, seven testing sessions, a consultation, and attend 36 hours of arranged hours of sport specific exercise outside of class.
Material Fee(s): \$5
 28443 8:00a-11:00a F Jones G SAC E-108 Full Semester
 28439 5:00p-8:00p M Sneddon D SAC E-108 Full Semester
 28441 5:00p-8:00p W Jones G SAC E-108 Full Semester

EXERCISE SCIENCE HEALTH EDUCATION

E.S. HEALTH EDUCATION 101, HEALTHFUL LIVING **3 UNITS**
A comprehensive look at factors that impact people's health, longevity and lifetime wellness. Areas covered will be personal fitness, nutrition, drugs, alcohol and tobacco, AIDS and sexually transmitted diseases and degenerative diseases including cancer, heart disease, strokes and diabetes.
 27243 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)
 27257 TBA Breig D SAC WEB 04/12-06/04
 Go to www.sac.edu/disted for more information.
 Email instructor first week of class. (breig_david@sac.edu)
 30747 8:00a-11:00a M Abbey T SAC F-102 Full Semester
 27570 9:30a-10:55a Tu Th Siddons A SAC F-103 Full Semester
 30309 11:15a-12:40p M W Abbey T SAC F-103 Full Semester
 30308 11:15a-12:40p Tu Th Abbey T SAC F-103 Full Semester
 27571 6:00p-9:10p Tu Siddons A SAC F-103 Full Semester

E.S. HEALTH EDUCATION 102, WOMEN'S HEALTH ISSUES **3 UNITS**
An investigation into traditional and holistic health topics with a special emphasis on women's issues, considering all aspects and concepts of social and political influences, nutrition and fitness, relationships, sexuality, reproductive issues and careers. Through analysis of these topics, students apply methods to healthy lifestyle choices.
 29805 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)
 30428 TBA Rapoza J SAC WEB 02/08-04/02
 Go to www.sac.edu/disted for more information. Email instructor first week of class.
 (rapoza_jessica@sac.edu)

E.S. HEALTH EDUCATION 104, NUTRITION AND FITNESS **2 UNITS**
An applied nutrition course facilitating a basic understanding of nutrition and fitness concepts. The course will focus on disease prevention, weight control, nutritional analysis and physical fitness assessment and exercise program development.
 30859 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)
 27445 1:00p-3:05p W Macdonald J SAC F-102 Full Semester
 27447 6:00p-8:05p W Macdonald J SAC F-103 Full Semester

E.S. HEALTH EDUCATION 105, FIRST AID AND PERSONAL SAFETY **1.5 UNITS**
Instruction in accident prevention and immediate care to accident victims. Certificate available upon completion. Prepares student for E.S. Health Education 106.
 27408 9:40a-11:05a Tu Th Gorrie R SAC G-107 02/09-04/01

E.S. HEALTH EDUCATION 107, CARDIOPULMONARY RESUSCITATION **2 UNITS**
Instruction in artificial respiration and manual artificial circulation that is recommended for use in cardiac arrest cases. Instruction in the Automatic External Defibrillator (AED) will also be included. Successful completion may lead to American Heart Association Certificate and/or American Red Cross Certificate. May be repeated for recertification.
 27415 7:30a-9:35a Tu Th Gorrie R SAC G-107 02/09-04/01
 27416 9:30a-11:35a Tu Th Gorrie R SAC G-107 04/13-06/03
 27551 6:00p-9:20p W Sneddon D SAC G-107 02/10-04/28

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
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EXERCISE SCIENCE INTERCOLLEGIATE ATHLETICS

E.S. INTERCOLLEGIATE ATHLETICS 126, UPPER BODY DEVELOPMENT FOR ATHLETES **1.5 UNITS**
An exercise program designed for football athletes who participate in intercollegiate athletics. Emphasis will be on the development of the upper body. Targeted muscle groups are the biceps, triceps, pectorals, deltoids and the trapezius.
 27424 12:55p-3:20p M W Jones G SAC G-103 Full Semester

E.S. INTERCOLLEGIATE ATHLETICS 127, LOWER BODY DEVELOPMENT FOR ATHLETES **1.5 UNITS**
An exercise program designed for football athletes who participate in intercollegiate athletics. Emphasis will be on the development of the lower body. Targeted muscle groups are the gluteus, quadriceps, hamstrings and calf.
 27425 12:55p-3:20p Tu Th Jones G SAC G-103 Full Semester

E.S. INTERCOLLEGIATE ATHLETICS 150, THEORY OF SOCCER **2 UNITS**
The rules of the game, tactics, and the psychology of soccer are discussed in this class. The mental aspects of the game are emphasized.
 27401 3:00p-5:20p M W Coffman J SAC F-103 02/08-03/29
 28447 4:00p-4:55p M W Vasquez J SAC F-102 Full Semester

E.S. INTERCOLLEGIATE ATHLETICS 160, THEORY OF SOFTBALL **2 UNITS**
A general overview of rules, regulations, strategies, mental preparation, skill evaluation and the history of the sport of softball.
 28404 1:00p-2:00p Tu Th Nutter K SAC F-102 Full Semester

E.S. INTERCOLLEGIATE ATHLETICS 201, BASEBALL-MEN **2 UNITS**
A high-level, competitive program for students with exceptional baseball talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.
 27553 2:00p-3:50p M Tu W Th F Sneddon D SAC G-115 01/04-05/21

E.S. INTERCOLLEGIATE ATHLETICS 202, BASKETBALL **1 UNIT**
The program provides competition with conference colleges as well as with other California community colleges. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.
 27276 2:30p-4:05p Tu W Th Breig D SAC G-105 Full Semester

E.S. INTERCOLLEGIATE ATHLETICS 205, GOLF-MEN **2 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.
 27419 2:00p-5:30p M W F Gorrie R RIV-GOLF Full Semester
 First class meeting at Riverview Golf Course.

E.S. INTERCOLLEGIATE ATHLETICS 211, SOFTBALL-WOMEN **2 UNITS**
A high-level, competitive program for student athletes with exceptional softball talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.
 30212 2:00p-4:00p M Tu W Th F Rapoza J SAC G-120 Full Semester

E.S. INTERCOLLEGIATE ATHLETICS 212, BASKETBALL-WOMEN **2 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.
 27431 4:40p-6:40p M Tu W Th F Luppiani M SAC G-105 Full Semester

E.S. INTERCOLLEGIATE ATHLETICS 217, SWIMMING-WOMEN **2 UNITS**
A high-level, competitive program for students with exceptional swimming talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.
 27805 1:00p-2:50p M Tu W Th F Wright J SAC G-121 Full Semester

E.S. INTERCOLLEGIATE ATHLETICS 218, TRACK AND FIELD-WOMEN **2 UNITS**
A high-level, competitive program for student athletes with exceptional track talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.
 31156 12:00p-2:00p M Tu W Th F Mitzel M SAC G-113 Full Semester
 31155 1:00p-3:00p M Tu W Th F Mitzel M SAC G-113 Full Semester

E.S. INTERCOLLEGIATE ATHLETICS 235, ADVANCED BASEBALL GAME SKILLS **1 UNIT**
This course is designed to prepare the student for intercollegiate baseball competition. Students will learn offensive skills, defensive skills and communication under competitive game conditions.
 27554 3:00p-6:10p Sa Bryant J SAC G-115 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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EXERCISE SCIENCE OFF SEASON ACTIVITIES

E.S. OFF SEASON ACTIVITIES 132, GOLF-PLAYING LESSON	1 UNIT
<i>Application of advanced golf techniques as they relate to regulation course play. The class will focus on playing lessons on an actual course.</i>	
28397	3:00p-6:10p Tu Olsen K RIV-GOLF Full Semester
First class meeting at Riverview Golf Course.	
E.S. OFF SEASON ACTIVITIES 169, WRESTLING	1 UNIT
<i>Fundamentals of wrestling skills and techniques. Analysis of opponents strengths and weakness will also be considered. Student will master rules, regulations, and ethics of the activity.</i>	
28446	7:00p-10:20p M W Silva V SAC W-111 04/12-06/02
E.S. OFF SEASON ACTIVITIES 226, WATERPOLO	1 UNIT
<i>Instruction and experience in the fundamentals and strategies of the sport of water polo.</i>	
31147	3:00p-4:25p M W Billish J SAC G-121 Full Semester
This course is intended for students training for the men's water polo team.	
E.S. OFF SEASON ACTIVITIES 230, FOOTBALL	1 UNIT
<i>Basic elements of the game including fundamental skills in stance, lateral movement, and throwing. Offensive and defensive play will be practiced.</i>	
27426	3:00p-6:10p Tu Th Jones G SAC G-118 04/13-06/03
Material Fee \$5.00 required for this course at registration.	

E.S. OFF SEASON ACTIVITIES 261, SOCCER-WOMEN	1 UNIT
<i>A high-level, competitive, practice and skills program in soccer for athletes with exceptional athletic talent.</i>	
27402	3:00p-6:20p M W Coffman J SAC G-118 04/12-06/02
E.S. OFF SEASON ACTIVITIES 262, SOCCER-MEN	1 UNIT
<i>A high-level, competitive, practice and skills program in soccer for athletes with exceptional athletic talent.</i>	
28448	5:00p-7:10p M W F Vasquez J SAC G-118 04/12-06/04
E.S. OFF SEASON ACTIVITIES 290, VOLLEYBALL	1 UNIT
<i>A high-level, competitive conditioning and skills program in volleyball for students with exceptional talent.</i>	
30311	3:30p-5:00p Tu Th Abbey T SAC W-107 Full Semester

EXERCISE SCIENCE PROFESSIONAL

E.S. PROFESSIONAL 125, SPORT PSYCHOLOGY	3 UNITS
<i>An academic and practical examination of the psychological aspects of sport. Specific methods will be taught to enhance athletic performance through mental preparation and practice.</i>	
27405	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
<i>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.</i>	
27437	TBA Luppini M SAC WEB Full Semester
Go to www.sac.edu/disted for more information. Email instructor first week of class. (luppini_flo@sac.edu)	
E.S. PROFESSIONAL 160, MANAGEMENT OF PHYSICAL EDUCATION AND SPORT	3 UNITS
<i>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.</i>	
27574	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
<i>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.</i>	
31151	8:00a-9:25a Tu Th Schug N SAC F-102 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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

E.S. SPORTS MEDICINE 150, ATHLETIC TRAINING INTERNSHIP	2 UNITS
<i>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.</i>	
31152	9:30a-10:20a Tu Th Schug N SAC G-102 Full Semester
Material Fee \$20 due at time of registration. Each student will be required to put in 6 hours per week as an intern in the training room or at an athletic event.	

FASHION DESIGN MERCHANDISING

FASHION DESIGN MERCHANDISING 052, KNIT SEWING	2 UNITS
<i>Knit and stretch construction techniques to sew lingerie, bathing suits, jogging attire and knit shirts.</i>	
29897	9:00a-12:50p Sa Silvers L SAC T-201 Full Semester
FASHION DESIGN MERCHANDISING 053, INTRODUCTION TO SEWING	2 UNITS
<i>Basics in sewing; how to use the sewing machine, understanding pattern terms and tools and constructing basic samples, skirts, and shirts.</i>	
W 29899	9:00a-12:50p Sa Silvers L SAC T-201 Full Semester
29906	11:15a-1:20p Tu Th Warner K SAC T-201 Full Semester
29902	5:45p-9:35p Th Silvers L SAC T-201 Full Semester
FASHION DESIGN MERCHANDISING 102, PROMOTION AND COORDINATION	2 UNITS
<i>A study of the directing and coordination of event promotions. Emphasis on promotion planning and presentation, salesmanship and show production.</i>	
29904	9:00a-10:25a M W Warner K SAC T-201 Full Semester
FASHION DESIGN MERCHANDISING 104, TEXTILE FIBERS AND FABRICS	3 UNITS
<i>A study of textile fibers and fabrics, their selection, identification, use and care for wearing apparel and home furnishings.</i>	
29907	9:00a-11:05a Tu Th Warner K SAC T-201 Full Semester
FASHION DESIGN MERCHANDISING 105B, INTERMEDIATE SEWING	2 UNITS
<i>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.</i>	
29905	11:00a-1:15p M W Warner K SAC T-201 Full Semester
29900	5:45p-9:35p Th Silvers L SAC T-201 Full Semester
FASHION DESIGN MERCHANDISING 106, ADVANCED SEWING	3 UNITS
<i>Advanced clothing construction techniques appropriate for creating custom garments. Emphasis is placed on working with designer patterns and complex contemporary fabrics. Projects include custom suits and custom garments. Recommended preparation: Fashion Design Merchandising 105B.</i>	
29908	11:15a-1:20p Tu Th Warner K SAC T-201 Full Semester
FASHION DESIGN MERCHANDISING 109, PATTERN DESIGN	3.5 UNITS
<i>Students will learn to use flat pattern basic block for pivoting and spreading methods to transfer trade sketches into first pattern outfits and dresses. Students will be required to sew their sample garments. Suggested preparation: Fashion Design Merchandising 105A and 105B.</i>	
31179	10:45a-1:15p M W Warner K SAC T-201 Full Semester
FASHION DESIGN MERCHANDISING 112, PATTERN DRAFTING	3.5 UNITS
<i>Flat pattern drafting techniques applied to completing basic blocks and first patterns for pants and lined blazers/coats. Students are required to sew their sample garments. Suggested preparation: Fashion Design Merchandising 053 or 105A and 105B.</i>	
31180	10:45a-1:15p M W Warner K SAC T-201 Full Semester
FASHION DESIGN MERCHANDISING 113, FASHION DRAPING	3.5 UNITS
<i>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.</i>	
29910	10:45a-1:15p M W Warner K SAC T-201 Full Semester

REGISTER EARLY—SPACE IS LIMITED
**Fashion Design
or Merchandising**



Certificate or AA Degree Programs
NEW STUDENTS REGISTER FOR:

FDM 102 Promotion and Coordination
FDM 104, Textile Fibers
FDM 125, Display Merchandising

NEW DESIGN STUDENTS ALSO TAKE:

FDM 053, Basic Sewing (if non-sewer)
or FDM 105B, Inter. or 106, Adv. Sewing
FDM 109, Pattern Design

EXPERIENCED STUDENTS / INDUSTRY WORKERS:

Computer classes on Lectra System!

FDM 106, Advanced Sewing

FDM 112, Pattern Drafting

FDM 215, 216 Computer

FDM 213, Apparel Line Production

**See your catalog or
call 714-564-6800
for more information**

FASHION DESIGN MERCHANDISING 125, DISPLAY MERCHANDISING 3 UNITS

Visual merchandise techniques and material in relation to the elements and principles of design.

29919	5:45p-9:20p	Tu	Coury R	SAC T-201	Full Semester
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FASHION DESIGN MERCHANDISING 213, APPAREL LINE PRODUCTION 2 UNITS

Instruction on designing a line using industry production techniques and equipment, including sketch, pattern and construction.

Prerequisite: Fashion Design Merchandising 100 or 108, and 109 and 111A with a grade of C or better.

29913	10:45a-12:50p	Tu Th	Warner K	SAC T-201	Full Semester
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FASHION DESIGN MERCHANDISING 215, COMPUTER FASHION ILLUSTRATION 1 UNIT

Computerized fashion illustration is taught using Lectra computer software. Student needs to know how to manually draw trade flats and posed figures prior to enrolling. Suggested preparation: Fashion Design Merchandising 111A.

W 29914	9:00a-12:50p	Sa	Silvers L	SAC T-201	04/17-06/05
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FASHION DESIGN MERCHANDISING 216, COMPUTER PATTERN DESIGN, GRADING AND MARKING 1 UNIT

Computerized apparel pattern drafting, size grading and marking are taught using Lectra Modaris and Diamino computer software as tools. Prior to enrollment, student must be able to manually draft patterns, grade patterns and layout markers. Suggested preparation: Fashion Design Merchandising 109 and 214.

29915	5:45p-10:05a	Th	Silvers L	SAC T-201	02/11-04/01
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FASHION DESIGN MERCHANDISING 299, COOPERATIVE WORK EXPERIENCE EDUCATION 1 - 4 UNITS

Supervised fashion field experience with new tasks in major. Students can earn 1 unit of credit for 80 hours worked up to 320 hours for 4 units.

Prerequisite: 12 units of Fashion Design Merchandising courses completed.

29917	1:45p-2:45p	M	Warner K	SAC T-201	Full Semester
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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.

Prerequisite: Concurrent enrollment in Fire Academy 050 or 060.

26897	TBA		Argo R	JPT-BFA	02/08-05/14
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FIRE ACADEMY 008, FIREFIGHTER I PHYSICAL ABILITY EXAMINATION 0.1 UNIT

Designed to assess physical ability requirements.

W 31349	7:30a-11:30a	Su	Bartlett M	JPT-BFA	05/16-05/16
W 31346	7:30a-11:30a	Su	Bartlett M	JPT-BFA	02/14-02/14
W 31347	7:30a-11:30a	Su	Bartlett M	JPT-BFA	03/21-03/21
W 31348	7:30a-11:30a	Su	Bartlett M	JPT-BFA	04/18-04/18

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.

27848	8:45a-10:45a	F	Argo R	JPT-BFA	04/16-06/04
27847	8:45a-11:00a	F	Argo R	JPT-BFA	02/19-04/02
27846	6:00p-8:00p	W	Argo R	JPT-BFA	04/14-06/02
27845	6:00p-8:15p	W	Argo R	JPT-BFA	02/10-03/24

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.

27853	8:45a-10:45a	F	Argo R	JPT-BFA	04/16-06/04
27851	8:45a-11:00a	F	Argo R	JPT-BFA	02/19-04/02
27850	6:00p-8:00p	W	Argo R	JPT-BFA	04/14-06/02
27849	6:00p-8:15p	W	Argo R	JPT-BFA	02/10-03/24

FIRE ACADEMY 060, BASIC FIRE ACADEMY 12 UNITS

California State Board of Fire Services/Firefighter I approved, criteria available.

27858	8:00a-5:00p	M Tu W Th F	Chidester D	JPT-BFA	02/08-05/14
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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.

27750	TBA		Stefano D	SAC WEB	Full Semester
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Section 27750 Access and log in to Blackboard at <http://rscdd.blackboard.com> on the first Mon, 2/8/10, for your class orientation. Go to www.sac.edu/disted for more information.

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

27745	8:30a-11:40a	Tu	Busch M	SAC A-128	Full Semester
27744	8:30a-11:40a	M	Ash J	SAC A-128	Full Semester
27747	12:00p-3:10p	W	Verdecia D	SAC A-128	Full Semester
27749	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.

27758	TBA		Ash J	SAC WEB	Full Semester
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Section 27758 Go to www.sac.edu/disted for more information.

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

27752	8:30a-11:40a	W	Verdecia D	SAC A-128	Full Semester
27754	12:00p-3:10p	M	Freeman S	SAC A-128	Full Semester
27755	12:00p-3:10p	Tu	Busch M	SAC A-128	Full Semester
27756	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.

27812	TBA		Hirsch J	SAC WEB	Full Semester
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Section 27812 Go to www.sac.edu/disted for more information.

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

27806	8:30a-11:40a	Th	Flint Jr J	SAC W-101	Full Semester
27808	8:30a-11:40a	M	Childress D	SAC W-101	Full Semester
27811	3:30p-6:40p	Tu	Hirsch J	SAC H-207	Full Semester
27809	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.

27819	TBA		Freeman S	SAC WEB	Full Semester
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Section 27819 Go to www.sac.edu/disted for more information.

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

27817	8:30a-11:40a	W	Freeman S	SAC W-101	Full Semester
27816	12:00p-3:10p	Tu	Freeman S	SAC W-101	Full Semester
27818	7:00p-10:10p	Tu	Springer B	SAC A-128	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
FIRE TECHNOLOGY 105, BLDG CONSTRUCTION FOR FIRE PROTECTION 3 UNITS					
<i>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.</i>					
Prerequisite: Fire Technology 101 and 102.					
27823	TBA		Wiskus D	SAC WEB	Full Semester
Section 27823 go to www.sac.edu/disted for more information. Email instructor first week of class. (wiskus_dennis@sac.edu)					
27820	3:30p-6:40p	Th	Muir J	SAC A-128	Full Semester
27822	3:30p-6:40p	Tu	Busch M	SAC A-128	Full Semester
27821	7:00p-10:10p	Th	Muir J	SAC A-128	Full Semester

FIRE TECHNOLOGY 106, FIRE PROTECTION EQUIPMENT AND SYSTEMS 3 UNITS					
<i>Portable fire extinguishing equipment; protection systems for special hazards; sprinkler systems and fire detection and alarm systems.</i>					
Prerequisite: Fire Technology 101 and 102.					
27829	TBA		Wiskus D	SAC WEB	Full Semester
Section 27829 Go to www.sac.edu/disted for more information. Email instructor first week of class. (wiskus_dennis@sac.edu)					
27824	8:30a-11:40a	Tu	Freeman S	SAC W-101	Full Semester
27826	12:00p-3:10p	Th	Freeman S	SAC A-128	Full Semester
27827	7:00p-10:10p	M	Horner S	SAC A-128	Full Semester

FIRE TECHNOLOGY 121, PHYSICAL FITNESS FOR PUBLIC SAFETY PERSONNEL 4 UNITS					
<i>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.</i>					

**Students are required to pay \$10 at the first class meeting.
5.5 arranged hours per week.**

27831	8:30a-11:40a	Th	Bartlett M	SAC A-128	Full Semester
27834	12:00p-3:10p	W	Argo R	SAC H-207	Full Semester
27833	12:00p-3:10p	M	Argo R	SAC W-101	Full Semester
27837	7:00p-10:10p	W	Martin D	SAC H-207	Full Semester
27835	7:00p-10:10p	Tu	Argo R	SAC H-207	Full Semester

FRENCH

FRENCH 101, ELEMENTARY FRENCH 1 5 UNITS					
<i>A college level French course focusing on fundamentals of pronunciation and grammar, basic vocabulary (including common idioms), simple conversation and composition. Supplementary cultural readings. Laboratory assignments. French 101 is equivalent to two years of high school French.</i>					

16 lab hours required, one hour per week for 16-week semester.

27097	8:00a-10:30a	Tu Th	Issa K	SAC D-302	Full Semester
27094	8:00a-10:30a	M W	Issa K	SAC D-302	Full Semester
27101	11:00a-1:30p	Tu Th	Nguyen M	SAC D-302	Full Semester
27102	4:15p-6:45p	Tu Th	Anglin M	SAC D-304	Full Semester
27103	7:00p-9:30p	M W	Anglin M	SAC D-302	Full Semester

FRENCH 102, ELEMENTARY FRENCH II 5 UNITS					
<i>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.</i>					
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.

27104	11:00a-1:30p	M W	Issa K	SAC D-302	Full Semester
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FRENCH 201, INTERMEDIATE FRENCH I 5 UNITS					
<i>A college level French class focusing on expansive review of usage and grammar; discussion in French of interpretive reading material; conversation and composition.</i>					
Prerequisite: Grade of C or better in French 102 or three years of high school French.					
27105	12:00p-2:30p	M W	Dannov I	SAC I-203	Full Semester

FRENCH 202, INTERMEDIATE FRENCH II 5 UNITS					
<i>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.</i>					
Prerequisite: French 201, or four years of high school French with a grade of C or better.					
27108	12:00p-2:30p	M W	Dannov I	SAC I-203	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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 TEAM 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.

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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GEOGRAPHY

GEOGRAPHY 100, WORLD REGIONAL GEOGRAPHY 3 UNITS

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

27045	TBA		Titus J	SAC WEB	Full Semester
Section 27045 is WEB only. For more information go to www.sac.edu/disted . Email instructor first week of class (titus_jodi@sac.edu)					
27047	8:00a-9:25a	MW	Courter W	SAC D-202	Full Semester
27040	8:00a-9:25a	TuTh	Courter W	SAC D-202	Full Semester
27042	9:45a-11:10a	MW	Courter W	SAC D-202	Full Semester
27046	11:30a-12:55p	MW	Courter W	SAC D-202	Full Semester
27044	5:30p-8:50p	MW	Staff	SAC D-202	04/12-06/02
27041	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.

27049	9:45a-11:10a	TuTh	Courter W	SAC D-202	Full Semester
27050	11:30a-12:55p	TuTh	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.

Prerequisite: Geography 101 or concurrent enrollment.

27052	1:15p-4:25p	Tu	Courter W	SAC D-202	Full Semester
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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.

28416	9:45a-11:10a	TuTh	Hughes P	SAC R-111	Full Semester
28406	9:45a-11:10a	MW	Hughes P	SAC R-111	Full Semester
28414	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.

Prerequisite: Geology 101 or concurrent enrollment.

28451	9:30a-12:40p	F	Coyne C	SAC R-111	Full Semester
28452	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.

30867	11:30a-12:55p	TuTh	Hughes P	SAC R-111	Full Semester
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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).

30866	11:30a-12:55p	MW	Hughes P	SAC R-111	Full Semester
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GEOLOGY 162, GEOLOGIC FIELD STUDIES OF THE MOJAVE DESERT 1 UNIT

The geologic history including mountain building, volcanic activity, faulting, mineral resources and human history of the Mojave Desert region. Mandatory orientation along with a two-day field trip.

30195	3:00p-9:00p	F Sa Su	Hughes P	SAC R-111	04/15-05/06
Pre-trip orientation mtg Thurs, April 15, 5:30-6:30pm, SAC R-111 Field Trip: Fri, April 23, 3:00pm to Sun, April 25, 9:00pm. Post-trip mtg Thurs, May 6, 5:30-6:30pm, SAC R-111. This class has outdoor, overnight camping.					

GEOLOGY 201, INTRODUCTION TO HISTORICAL GEOLOGY 4 UNITS

Introductory geology course investigating the former landscapes and inhabitants of the Earth as preserved in the rock record with an emphasis on North America. Two optional one-day field trips.

28455	7:00p-10:10p	TuTh	Hughes P	SAC R-111	Full Semester
(Two optional one-day field trips.)					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

27223	8:00a-9:25a	TuTh	Martin R	SAC D-210	Full Semester
27221	8:00a-9:25a	MW	Martin R	SAC D-210	Full Semester
27220	9:45a-11:10a	TuTh	Martin R	SAC D-210	Full Semester
27222	11:30a-12:55p	MW	Mc Roberts M	SAC D-210	Full Semester
27219	12:00p-1:25p	TuTh	Booth B	SAC I-206	Full Semester

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

An enriched approach designed for honors students with emphasis on individual research as well as small group analysis of historical problems. 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.

Prerequisite: A high school or college GPA of 3.0 or above.

27228	7:00p-10:10p	M	Martin R	SAC D-210	Full Semester
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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.

27224	9:45a-11:10a	MW	Martin R	SAC D-210	Full Semester
27230	7:00p-10:10p	W	Martin R	SAC D-210	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.

27231	8:00a-9:25a	TuTh	Ghelfi G	SAC D-205	Full Semester
27232	9:45a-11:10a	MW	Ghelfi G	SAC D-201	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.

27239	TBA		Ghelfi G	SAC TV	Full Semester
Section 27239 Telecourse plus optional on-campus review sessions: Mon. 2/8, 3/8, 4/12, 4/26, 5/10, 5-6pm, SAC D-105 Go to www.sac.edu/disted for more information.					

27237	TBA		Menzing T	SAC WEB	Full Semester
Section 27237 Online instruction plus mandatory on campus meeting: Wed. 2/10, 3/10, 3/24, 4/14, 1-1:50pm, SAC I-209. Go to www.sac.edu/disted for more information.					

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

27233	8:00a-9:25a	MW	Riggins C	SAC D-213	Full Semester
27234	9:45a-11:10a	TuTh	Ghelfi G	SAC I-107	Full Semester
27238	9:45a-11:10a	TuTh	Staff	SAC I-106	Full Semester
27236	6:00p-9:10p	F	Heeren J	SAC I-106	04/16-06/05
	9:00a-12:10p	Sa	Heeren J	SAC I-106	

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.

27255	TBA		Ghelfi G	SAC TV	Full Semester
Section 27255 Telecourse plus optional on-campus review sessions: Mon. 2/8, 3/8, 4/12, 4/26, 5/10, 6-7pm, SAC D-105. Go to www.sac.edu/disted for more information.					

27250	TBA		Menzing T	SAC WEB	Full Semester
Section 27250 Online instruction plus mandatory on campus meeting: Wed. 2/10, 3/10, 3/24, 4/14, 2-2:50pm, SAC I-209. Go to www.sac.edu/disted for more information.					

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

27242	8:00a-9:25a	TuTh	Gunther V	SAC D-201	Full Semester
27241	8:00a-9:25a	MW	Ghelfi G	SAC D-205	Full Semester
30536	9:45a-11:10a	MW	Guzman K	SAC D-103	Full Semester
27252	11:30a-12:55p	TuTh	Guzman K	SAC D-103	Full Semester

U-LINK: Section 27252 is linked to Counseling 128, Introduction to Community Activism, Section 28622. Enrollment in both sections is mandatory. See the Freshman Experience

Program page in the class schedule for more information.

27247	6:00p-9:10p	F	Riggins C	SAC I-107	04/16-06/05
	9:00a-12:10p	Sa	Riggins C	SAC I-107	
27245	7:00p-10:10p	M	Ghelfi G	SAC D-205	Full Semester
27249	7:00p-10:10p	W	Heeren J	SAC D-212	Full Semester

HISTORY 121H, HONORS THE UNITED STATES SINCE 1865 3 UNITS

Seminar-style, content-enriched course for honors students exploring a critical analysis of American history including industrial and technological development, the changing nature of society, cultural patterns, domestic politics, artistic attainments, and America's expanded world role.

Prerequisite: A high school or college GPA of 3.0 or above.

27253	12:00p-1:25p	MW	Staff	SAC I-109	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
HISTORY 124, MEXICAN-AMERICAN HISTORY IN THE UNITED STATES 3 UNITS					
<i>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.</i>					
27260	8:00a-9:25a	MW	Veyna A	SAC D-201	Full Semester
27256	11:30a-12:55p	MW	Veyna A	SAC D-208	Full Semester
27259	12:30p-1:55p	TuTh	Veyna A	SAC D-213	Full Semester
27261	1:00p-2:25p	TuTh	Guzman K	SAC D-105	Full Semester
27258	1:15p-2:40p	MW	Veyna A	SAC D-208	Full Semester
27262	7:00p-10:10p	M	Veyna A	SAC D-208	Full Semester
27264	7:00p-10:10p	M	Guzman K	SAC I-204	Full Semester

HISTORY 124H, HONORS MEXICAN-AMERICAN HISTORY IN THE UNITED STATES 3 UNITS					
<i>Enriched and intensive survey of Mexican-American history in the U.S. from the Pre-Columbian period to the present. Utilizing a seminar approach, 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.</i>					
Prerequisite: A high school or college GPA of 3.0 or above.					
27263	11:30a-12:55p	MW	Guzman K	SAC I-101	Full Semester

HISTORY 127, WOMEN IN U.S. HISTORY 3 UNITS					
<i>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.</i>					
27265	9:45a-11:10a	TuTh	Veyna A	SAC D-205	Full Semester

HISTORY 133, HISTORY OF CALIFORNIA 3 UNITS					
<i>An examination of the major social, political, and economic developments that have shaped California history from the indigenous period to the present. Special attention is given to regional issues, ethnic or cultural groups, constitutional matters, cultural change, and California's connection with the Pacific Basin.</i>					
27267	9:45a-11:10a	MW	Booth B	SAC D-108	Full Semester

HISTORY 151, MODERN LATIN AMERICAN CIVILIZATION 3 UNITS					
<i>Latin American civilization in the nineteenth and twentieth centuries with a focus on the historical background of contemporary conditions and issues. Major and minor countries studied.</i>					
27270	7:00p-10:10p	Tu	Galvan J	SAC D-101	Full Semester

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>					
27271	8:00a-9:25a	TuTh	Veyna A	SAC D-208	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>					
30977	TBA		Pugh J	SAC TV	Full Semester
Section 30977 Telecourse plus optional on-campus review sessions: Wed. 2/10, 5:30-7pm, SAC R-114 and Thur. 2/25, 3/18, 4/15, 5/6, 5/20, 6-7pm, SAC D-105. Go to www.sac.edu/disted for more information.					
30972	9:30a-10:55a	MW	Dunn C	SAC R-318	Full Semester
30973	9:45a-11:10a	TuTh	Pugh J	SAC R-128	Full Semester
30974	6:00p-9:10p	W	Torres B	SAC I-101	Full Semester
Section 30974 designated for English language learners. Open to all students.					
30976	7:00p-10:10p	W	Dunn C	SAC R-318	Full Semester
30975	7:00p-10:10p	M	Pugh J	SAC W-101	Full Semester

HUMAN DEVELOPMENT 108A, OBSERVATION AND ASSESSMENT FOR EARLY LEARNING AND DEVELOPMENT 3 UNITS					
<i>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.</i>					
Prerequisite: Negative TB Test (must be completed before observations take place during the semester).					
30978	9:00a-10:25a	TuTh	Valdez S	SAC B-33	Full Semester
Section 30978 has 1 hour arranged each week					
30980	6:30p-9:40p	Tu	Isais E	SAC H-205	Full Semester
Section 30980 is designated for English language learners. Open to all students. 1 hour arranged each week.					
30979	6:30p-9:40p	Tu	Wahl S	SAC H-201	Full Semester
Section 30979 has 1 hour arranged each week					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
HUMAN DEVELOPMENT 110, CHILD, FAMILY AND COMMUNITY (DS2) 3 UNITS					
<i>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.</i>					
30984	9:00a-12:10p	F	Dumas P	SAC B-33	Full Semester
30981	11:00a-12:25p	TuTh	Valdez S	SAC B-33	Full Semester
30982	5:00p-8:10p	M	Moran M	SAC I-107	Full Semester
Section 30982 is designated for English language learners. Open to all students.					
30983	6:00p-9:10p	M	Hardy M	SAC I-106	Full Semester

HUMAN DEVELOPMENT 111A, PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN (FORMERLY PROGRAMMING FOR YOUNG CHILDREN (DS3)) 3 UNITS					
<i>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.</i>					
Prerequisite: Human Development 107 and 108A. Negative TB Test (need to complete before observation during the course).					
30985	6:00p-9:10p	W	Vazquez R	SAC I-202	Full Semester
Section 30985 is designated for English language learners. Open to all students. 6 hours arranged per semester.					
30986	6:00p-9:10p	W	Valdez S	SAC B-33	Full Semester
Section 30986 has 6 hours arranged per semester					

HUMAN DEVELOPMENT 111B, INTRODUCTION TO CURRICULUM FOR YOUNG CHILDREN 3 UNITS					
<i>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.</i>					
Prerequisite: Human Development 108A and 111A. Negative TB Test.					
30988	6:00p-9:10p	Th	Staff	SAC I-202	Full Semester
Section 30988 is designated for English language learners. Open to all students.					
30987	6:30p-9:40p	Th	Morgan-Beazell G	SAC B-33	Full Semester

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.					
30990	TBA		Valdez S	SAC WEB	Full Semester
Section 30990 combines online instruction plus mandatory on-campus meetings. Go to www.sac.edu/disted for more information. E-mail instructor first week of class. (valdez_susanne@sac.edu)					

HUMAN DEVELOPMENT 113, TUTORING READING IN ELEMENTARY SCHOOLS 1 UNIT					
<i>An examination of effective tutoring strategies, focusing on the support for reading skills of elementary age children. Students are placed in local K-8 classrooms to gain experience with school-age children. 20+ hours service learning hours required in addition to lecture hours. Student must provide proof of negative TB screening.</i>					
30991	3:00p-6:15p	W	Torresluna J	SAC I-104	02/24-03/24

HUMAN DEVELOPMENT 114, CAREERS IN TEACHING 1 UNIT					
<i>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.)</i>					
31071	4:45p-6:50p	Th	Bautista S	SAC I-106	02/11-04/01

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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HUMAN DEVELOPMENT 116B, PROGRAMMING FOR INFANTS AND TODDLERS (DS4) 3 UNITS

Focuses on the implementation of quality, developmentally appropriate, infant/toddler programs, including curriculum, environment, planning and interactions among staff, children and parents. Cultural sensitivity to the diversity of staff and families within such programs will be addressed. Meets licensing requirement. With Human Development 116A, this course fulfills Infant/Toddler Specialization for Child Development Master Teacher permit.

Prerequisite: Human Development 107.
30992 6:30p-9:40p Tu Richey K SAC B-33 Full Semester
Section 30992 has 3 hours arranged per semester.

HUMAN DEVELOPMENT 120, DEVELOPMENT OF THE SCHOOL AGE CHILD (DS5) 3 UNITS

An examination of the physical, cognitive, personality and social development of children between the ages of five and twelve years. Attention will be paid to the scientific study of middle childhood, developmental trends and issues of diversity. Not offered every semester.

31069 TBA Hardy M SAC WEB 02/10-03/29
Section 31069 Online instruction plus mandatory on campus meetings: Wed, Feb 10, 17, 24, Mar 3, 10, 17, 24 from 6:15-9:45pm, SAC I-108. Go to www.sac.edu/disted for more information. E-mail instructor first week of class. (hardy_michelle@sac.edu)

HUMAN DEVELOPMENT 121, SCHOOL AGE CHILD CARE ACTIVITIES (DS5) 3 UNITS

Focus on school age creative activities including planning and implementing an appropriate before and after school curriculum. Attention will be paid to integrating academics, recreation and creative activities suitable for school age child care programs.

Prerequisite: Human Development 120.
31070 TBA Hardy M SAC WEB 04/14-06/02
Section 31070 Online instruction plus mandatory on campus meetings: Wed, Apr 14, 21, 28, May 5, 12, 19, 26, June 2, 6:15-9:25pm, SAC I-108. Go to www.sac.edu/disted for more information. Email instructor first week of class. (hardy_michelle@sac.edu)

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.

30993 7:30p-10:40p 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).

30994 11:30a-12:55p M W Pugh J SAC B-33 Full Semester
Same as Special Services 205, Section 30995
30996 7:00p-10:10p Tu Holmes A SAC R-307 Full Semester

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.

30997 9:30a-10:55a M W Pugh J SAC B-33 Full Semester
30998 7:00p-10:10p Th Pugh J SAC I-102 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.

30999 11:30a-3:00p M W Morgan-Beazell G SAC I-202 02/08-03/29
31000 6:00p-9:10p W Morgan-Beazell G SAC I-102 Full Semester

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.

31001 6:00p-9:10p Th Wahl S SAC I-104 Full Semester

HUMAN DEVELOPMENT 250, ADULT SUPERVISION/MENTOR TEACHER IN EARLY CHILDHOOD PROGRAMS 2 UNITS

For the experienced teacher, a study of the methods and principles of supervising adults in early childhood classrooms. Emphasis is on the role of experienced classroom teachers who function as supervisors/mentors to new teachers and staff while simultaneously addressing program quality and the needs of children, parents and other staff.

31002 6:00p-8:50p M Morgan-Beazell G SAC B-33 02/08-05/03

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.
31003 6:00p-8:05p Tu Morgan-Beazell G CDC-100 Full Semester
Section 31003 has 75 arranged hours 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.
31004 6:00p-8:05p Tu Morgan-Beazell G CDC-100 Full Semester
Section 31004 has 75 hours arranged each semester.

HUMAN DEVELOPMENT 299, COOPERATIVE WORK EXPERIENCE EDUCATION 1 - 4 UNITS

Supervised field experience with school aged children including new tasks in major. Student can earn 1 unit of credit for 80 hours worked up to 320 hours for 4 units.

Prerequisite: 2 units of Human Development courses completed.
31005 5:00p-6:50p W Dunn C SAC R-115 03/03-04/28

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.

29019 TBA Kehlenbach E SAC TV Full Semester
Section 29019 Telecourse plus optional on-campus review sessions: Tue. 2/16, 3/2, 3/30, 5/4, 5/25, 5-6:30pm, SAC A-130. Go to www.sac.edu/disted for more information.

INTERDISCIPLINARY STUDIES 155, HUMAN SEXUALITY 3 UNITS

Broad survey of human sexuality encompassing genetic factors, physiological and anatomical development, psychosocial variables, gender identity, customary and atypical forms of sexual behavior, sexual arousal/response, contraception, conception, sexually transmitted diseases (STD), sexual dysfunctions, and cultural determinants.

28782 11:00a-12:25p Tu Th Goldmann D SAC R-124 Full Semester
28787 7:00p-10:10p W Sweeny Y SAC R-124 Full Semester

JAPANESE

JAPANESE 102, ELEMENTARY JAPANESE II 5 UNITS

Continuation of Japanese. Further training in language skills providing avenues for the expression of ideas in both oral and written forms. Additional study of culture. Laboratory assignments. Japanese 102 is equivalent to the third year of high school Japanese.

Prerequisite: Japanese 101 or equivalent, or two years of high school Japanese with a passing grade.

16 lab hours required, one hour per week for 16-week semester.

27123 1:45p-4:15p Tu Th Ito M SAC D-205 Full Semester

JOURNALISM

JOURNALISM 121, NEWS WRITING AND REPORTING 3 UNITS

An introduction to evaluating, gathering and writing news in accepted journalistic style under newsroom conditions. Includes role of the reporter and the legal and ethical issues related to reporting. Writing experiences include: Internet reporting, personal interviews, public meetings and other event coverage, deadline writing and use of AP style. Course meets CAN JOUR 2 requirements.

28696 11:00a-12:25p M W Little C SAC A-219 Full Semester

JOURNALISM 122, PUBLICATIONS EDITING 3 UNITS

Introduction to editing and designing publications and advertisements. Special emphasis on copy editing headline writing, photo editing, layout, and design. Training in editing and layout through desktop publishing and computerized editing software.

28697 11:00a-12:25p M W Little C SAC A-219 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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JOURNALISM 123, NEWSPAPER PRODUCTION 4 UNITS

A production-based workshop designed to provide students with practical training in print journalism through work as members of the student newspaper. State of the art electronic laboratory facilities available. Students maintain laboratory hours, complete assigned tasks, and participate in management of the student newspaper. Completion of Journalism 121 recommended.

28698	12:30p-1:55p	M W	Little C	SAC C-207	Full Semester
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10 hours arranged per week

JOURNALISM 124, MAGAZINE WRITING AND PRODUCTION WORKSHOP 3 UNITS

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

28859	6:00p-8:55p	Tu	Little C	SAC C-202	Full Semester
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5 hours arranged per week

JOURNALISM 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 Television/Video Communications 130.)

29140	11:00a-1:30p	Tu Th	Bales T	DMC-135	Full Semester
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JOURNALISM 201, PHOTOJOURNALISM 2 UNITS

Print related photographic techniques linked to framing, composition and design for publications. Includes application and manipulation of images in digital form. For students interested in action photography, journalism, public relations, design and advertising. Students serve as staff photographers for campus publications.

28847	12:30p-1:55p	M W	Little C	SAC C-201	Full Semester
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JOURNALISM 222, ADVANCED PUBLICATIONS WRITING 3 UNITS

For experienced journalism/writing students seeking a better understanding of non-fictional prose. Emphasizes publishing, individual writing style, and research methods. Explores career opportunities in media.

Prerequisite: Journalism 121.

28849	12:30p-1:55p	M W	Little C	SAC C-201	Full Semester
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JOURNALISM 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 Television/Video Communications 230A.)

Prerequisite: Journalism 130.

29141	11:00a-1:30p	Tu Th	Bales T	DMC-135	Full Semester
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4 hours arranged each week

JOURNALISM 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 Television/Video Communications 230B.)

Prerequisite: Journalism 230B.

29142	11:00a-1:30p	Tu Th	Bales T	DMC-135	Full Semester
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4 hours arranged each week

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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JOURNALISM 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 Television/Video Communications 230C.)

Prerequisite: Journalism 230B.

29143	11:00a-1:30p	Tu Th	Bales T	DMC-135	Full Semester
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4 hours arranged each week

JOURNALISM 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 Television/Video Communications 230D.)

Prerequisite: Journalism 230C.

29144	11:00a-1:30p	Tu Th	Bales T	DMC-135	Full Semester
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4 hours arranged each week

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.

27825	1:00p-2:05p	Tu	Pedroza L	SAC L-112-1	Full Semester
27828	1:00p-2:05p	W	Pedroza L	SAC L-112-1	Full Semester



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**LIS 100, Library Research Fundamentals
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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.

27814	4:00p-6:00p	W	Garcia Y	SAC L-112-1	Full Semester
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Section 27814 First class meeting for Library Technology 053, Library Internship, will be the first Wednesday of the semester, February 10, 4:00pm-6:00pm, SAC L-112-1.

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

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

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.

27798	6:00p-9:10p	Th	Russo S	SAC L-112-1	Full Semester
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LIBRARY TECHNOLOGY 110, TECHNICAL SERVICES 3 UNITS

Evaluation and acquisition of books and other media for libraries. Basic theories, principles and concepts of bibliographic control, including descriptive cataloging, classification, subject analysis and bibliographic maintenance. Emphasis placed on Anglo American Cataloging Rules, MARC, LC and Dewey classification and LC Subject Headings. Original and copy cataloging using an online bibliographic cataloging system and online bibliographic utility.

Prerequisite: Library Technology 101.

27804	6:00p-9:10p	Tu	Yang C	SAC L-112-1	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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MANAGEMENT

MANAGEMENT 120, PRINCIPLES OF MANAGEMENT 3 UNITS

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

27916	11:30a-12:50p	Tu Th	Koenig R	SAC A-207	Full Semester
28265	6:00p-9:10p	W	Irion M	SAC D-102	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

28077	1:15p-2:50p	Tu Th	Woolgar D	SAC A-206	Full Semester
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MANAGEMENT 135, HUMAN RESOURCE MANAGEMENT 3 UNITS

Introductory course covers the goals, activities, and challenges of human resources. Includes equal employment opportunity and diversity, recruitment and selection, leadership and motivation, training and development, compensation, employee and labor/management relations.

27883	6:00p-9:10p	M	Irion M	SAC D-209	Full Semester
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MANUFACTURING TECHNOLOGY

MANUFACTURING TECHNOLOGY 011, BASIC BLUEPRINT READING 2 UNITS

Reading and interpreting blueprints for manufacturing. (Same as Engineering 011.)

W 30669	6:00p-7:50p	F	Bartlett R	SAC A-128	Full Semester
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MANUFACTURING TECHNOLOGY 028, BASIC METALS TECHNOLOGY 3 UNITS

Basic metals terminology and its application in modern industry. Involves metal classification systems, destructive metal testing, metal refining, and heat treatment of various metals with resulting strength and structural changes.

30670	7:00p-10:10p	Th	Farmer B	SAC R-126	Full Semester
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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.

W 30720	9:00a-4:50p	Sa	Digilio G	SAC T-107	Full Semester
30711	9:00a-1:15p	Tu Th	Kanzler D	SAC T-107	Full Semester
30717	5:30p-9:45p	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.

30712	8:30a-12:45p	Tu Th	Kanzler D	SAC T-107	Full Semester
30723	5:30p-9:45p	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.

30713	8:30a-12:45p	Tu Th	Kanzler D	SAC T-107	Full Semester
30724	5:30p-9:45p	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

30714	8:30a-1:15p	Tu Th	Kanzler D	SAC T-107	Full Semester
30725	5:30p-9:45p	M W	Kanzler D	SAC T-107	Full Semester

MANUFACTURING TECHNOLOGY 071, CNC PROGRAM WRITING 3 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 30727	9:00a-1:15p	Sa	Singh N	SAC H-205	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

30728	5:30p-6:55p	Tu Th	Singh N	SAC T-203-1	Full Semester
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Section 30728 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.

30729	7:30p-10:40p	W	Singh N	SAC T-101	Full Semester
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Section 30729 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.

30733	5:30p-6:55p	M W	Singh N	SAC T-203-1	Full Semester
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Section 30733 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 076, CNC TURNING CENTER SET UP AND OPERATION 3 UNITS

Setup and operation of numerically controlled lathe with emphasis on the application of the Fanuc 10T machine control and CNC machining methods used in industry.

Prerequisite: Manufacturing Technology 058 and 071 with a grade of C or better.

30734	7:00p-10:10p	M	Singh N	SAC T-101	Full Semester
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Section 30734 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 077, MASTERCAM - 3D TOOLPATH AND CAM APPLICATIONS 3 UNITS

Advanced concepts in the manufacturing of machine parts using MASTERCAM software and CNC machining centers. Emphasis placed on programming and machining 3 dimensional surfaces. Problem solving in roughing, finishing, fixturing, and machining of a variety of part configurations. Suggested preparation: Machine Technology 073 and 075.

30760	7:30p-10:40p	Th	Singh N	SAC T-101	Full Semester
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Section 30760 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 084, ADVANCED CNC MILL SET UP AND OPERATION 3 UNITS

Advanced set up and operation of CNC Machining Center. Student will learn the advanced concepts in set up and operation of the state-of-the-art milling equipment. Course curriculum will include instruction on boring cycles, reaming cycle, thread milling, 4th AXIS rotary table and multiple fixture offsets.

Prerequisite: Manufacturing Technology 071 and 074.

30762	7:30p-10:40p	Tu	Singh N	SAC T-101	Full Semester
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Section 30762 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

W 30715	8:30a-12:30p	Tu Th	Kanzler D	SAC T-107	Full Semester
30721	9:00a-2:50p	Sa	Digilio G	SAC T-107	Full Semester
30764	2:00p-6:00p	F	Bayard J	SAC T-107	Full Semester
30726	5:30p-8:25p	M W	Kanzler D	SAC T-107	Full Semester
30718	5:30p-7:30p	Tu Th	Gershman B	SAC T-107	Full Semester
30735	7:30p-10:40p	M	Singh N	SAC T-107	Full Semester
30732	7:30p-10:40p	W	Singh N	SAC T-107	Full Semester
30761	7:30p-10:40p	Th	Singh N	SAC T-107	Full Semester
30763	7:30p-10:40p	Tu	Singh N	SAC T-107	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.

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.

MANUFACTURING TECHNOLOGY N97, CAD/CAM COMPUTER LABORATORY 0 UNIT

Supervised use of the CAD/CAM 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

30765	2:00p-6:00p	F	Bayard J	SAC T-107	Full Semester
30773	7:00p-10:10p	Th	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.)

30766	7:00p-10:10p	M	Corley G	SAC T-203-1	Full Semester
Section 30766 has 2 hours arranged per week					
30768	7:00p-10:10p	Tu	Corley G	SAC T-203-1	Full Semester
Section 30768 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.

30770	7:00p-10:10p	W	Cole J	SAC T-203-1	Full Semester
Section 30770 has 2 hours arranged per week					

MANUFACTURING TECHNOLOGY 106, SOLIDWORKS DRAWINGS 3 UNITS

Creation and use of drawing templates, importing of solids data into the drawing template, and modification of the resulting drawings to company standards.

Prerequisite: Manufacturing Technology 103.

30772	7:00p-10:10p	Th	Cole J	SAC T-203-1	Full Semester
Section 30772 has 2 hours arranged per week					

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.

30722	9:00a-4:50p	Sa	Digilio G	SAC T-107	Full Semester
30716	9:00a-1:15p	Tu Th	Kanzler D	SAC T-107	Full Semester
30719	5:30p-9:45p	Tu Th	Gershman B	SAC T-107	Full Semester

MARKETING

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.

27872	9:45a-11:20a	Tu Th	Grant M	SAC A-203	Full Semester
27904	7:00p-10:10p	M	Russo J	SAC D-103	Full Semester

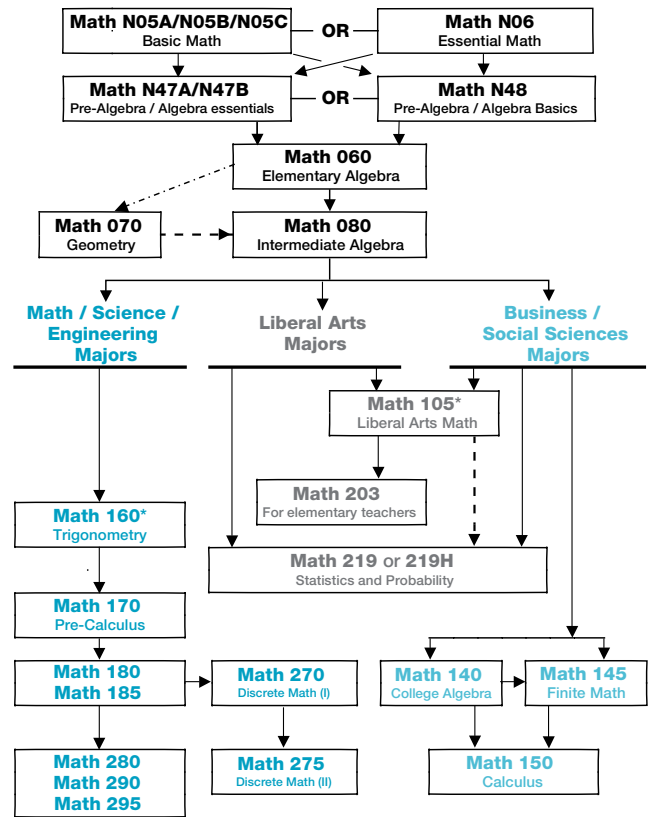
MARKETING 114, PROFESSIONAL SELLING 3 UNITS

Introductory course in sales covering sales presentations, communication styles, prospecting, closing, and evaluation of selling techniques and practices. Utilizes various methods to improve sales effectiveness. Covers objectives in selling from the perspective of the consumer, business, and society.

27906	7:00p-10:10p	Th	Russo J	SAC A-207	Full Semester
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Online Counseling Now Available!
www.sac.edu/online_counseling

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 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

28836	8:00a-10:05a	M W	Marecek L	SAC L-202	Full Semester
28874	10:15a-12:20p	Tu Th	MacBride-Hart C	SAC L-202	Full Semester
28875	12:30p-2:35p	Tu Th	Rogers N	SAC L-206	Full Semester
28877	1:00p-3:05p	M W	Leeds K	SAC L-202	Full Semester
28878	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
29251	5:45p-10:00p	W	Leeds K	SAC L-206	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

28883	8:00a-10:05a	M W	Marecek L	SAC L-202	Full Semester
28888	10:15a-12:20p	Tu Th	MacBride-Hart C	SAC L-202	Full Semester
28889	12:30p-2:35p	Tu Th	Rogers N	SAC L-206	Full Semester
28892	1:00p-3:05p	M W	Leeds K	SAC L-202	Full Semester
28896	5:45p-10:00p	W	Leeds K	SAC L-206	Full Semester
28895	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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 or N05B.

Open Entry / Open Exit

28898	8:00a-10:05a	M W	Marecek L	SAC L-202	Full Semester
28902	10:15a-12:20p	Tu Th	MacBride-Hart C	SAC L-202	Full Semester
28906	12:30p-2:35p	Tu Th	Rogers N	SAC L-206	Full Semester
28908	1:00p-3:05p	M W	Leeds K	SAC L-202	Full Semester
28912	5:45p-10:00p	W	Leeds K	SAC L-206	Full Semester
28911	5:45p-10:00p	Tu	Felton D	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.

28134	8:00a-10:05a	M W	Sam T	SAC L-207	Full Semester
28136	9:15a-11:20a	Tu Th	Bajaj J	SAC L-207	Full Semester
28138	11:30a-1:35p	Tu Th	Bajaj J	SAC L-207	Full Semester
28149	4:30p-6:35p	Tu Th	Sheldon J	SAC L-207	Full Semester
28137	5:30p-7:35p	M W	Hashemi S	SAC L-207	Full Semester
28148	5:45p-10:00p	Th	Powers R	SAC R-113	Full Semester
28150	7:45p-9:50p	M W	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

28915	8:00a-10:05a	M W	Marecek L	SAC L-202	Full Semester
28922	10:15a-12:20p	Tu Th	MacBride-Hart C	SAC L-202	Full Semester
28924	12:30p-2:35p	Tu Th	Rogers N	SAC L-206	Full Semester
28927	1:00p-3:05p	M W	Leeds K	SAC L-202	Full Semester
28930	5:45p-10:00p	W	Leeds K	SAC L-206	Full Semester
28929	5:45p-10:00p	Tu	Felton D	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

28932	8:00a-10:05a	M W	Marecek L	SAC L-202	Full Semester
28939	10:15a-12:20p	Tu Th	MacBride-Hart C	SAC L-202	Full Semester
28941	12:30p-2:35p	Tu Th	Rogers N	SAC L-206	Full Semester
28943	1:00p-3:05p	M W	Leeds K	SAC L-202	Full Semester
28946	5:45p-10:00p	W	Leeds K	SAC L-206	Full Semester
28945	5:45p-10:00p	Tu	Felton D	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 equivalent skills as measured by the Math Level 1 Exam and a course equivalent to Mathematics N05 or N06.

28175	7:00a-9:05a	Tu Th	Shirman T	SAC L-207	Full Semester
28197	8:00a-12:15p	Sa	Pilz L	SAC R-115	Full Semester
28159	8:00a-10:05a	M W	Rogers N	SAC L-203	Full Semester

Section 28159 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28638. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

28152	8:30a-10:35a	Tu Th	Rogers N	SAC L-203	Full Semester
28151	10:15a-12:20p	M W	Porter S	SAC L-207	Full Semester
28170	10:15a-12:20p	M W	Marecek L	SAC L-203	Full Semester
28154	10:45a-12:50p	Tu Th	Anthony M	SAC L-203	Full Semester
28172	12:30p-2:35p	M W	Rogers N	SAC L-203	Full Semester
28171	1:00p-3:05p	Tu Th	Marecek L	SAC L-203	Full Semester
28188	1:45p-3:50p	Tu Th	Anthony M	SAC L-207	Full Semester
28177	2:45p-4:50p	M W	Porter S	SAC L-203	Full Semester
28166	3:15p-5:20p	Tu Th	Leeds K	SAC L-203	Full Semester
28160	5:00p-7:05p	M W	Shafiq M	SAC L-203	Full Semester
28179	5:30p-7:35p	Tu Th	Zeller M	SAC L-203	Full Semester
28185	7:15p-9:20p	M W	Staff	SAC L-203	Full Semester
28183	7:45p-9:50p	Tu Th	Zeller M	SAC L-203	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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).

28817	TBA		Everett M	SAC WEB	Full Semester
Section 28817 Between the dates of Feb 3 to Feb 5 email the instructor at everett_mike@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, March 12, April 16, May 14 and June 4, 6:00 pm to 8:00 pm, SAC H-104. See Online Courses page in class schedule or go to www.sac.edu/disted for more					
28254	7:00a-9:05a	M W	Sheldon J	SAC R-318	Full Semester
28201	7:00a-9:05a	M W	Bourouis-Benyass A	SAC H-105	Full Semester
28198	7:00a-9:05a	Tu Th	Go J	SAC H-104	Full Semester
28320	7:15a-9:20a	M Tu W Th	Youssef M	SAC I-203	02/08-04/01
28246	7:30a-9:35a	Tu Th	Zarske J	SAC H-108	Full Semester
28249	8:00a-10:05a	Tu Th	Marecek L	SAC H-109	Full Semester
Section 28249 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28612. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
28200	9:15a-11:20a	Tu Th	Go J	SAC H-104	Full Semester
CAI 28215	9:45a-11:50a	M W	Root A	SAC H-108	Full Semester
Section 28215 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28605. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
28250	9:45a-11:50a	M W	Everett M	SAC H-109	Full Semester
CAI 28437	9:45a-11:50a	Tu Th	Hockman A	SAC R-113	Full Semester
28269	10:15a-12:20p	Tu Th	Everett M	SAC B-11	Full Semester
CAI 28456	12:00p-2:05p	M W	Mc Clure C	SAC H-109	Full Semester
28257	12:15p-2:20p	Tu Th	VU D	SAC R-113	Full Semester
CAI 28270	12:45p-2:50p	Tu Th	Hockman A	SAC R-318	Full Semester
CAI 28262	1:00p-3:05p	M W	Root A	SAC R-113	Full Semester
CAI 28512	2:15p-4:20p	M W	Nguyen K	SAC R-117	Full Semester
28203	2:45p-4:50p	Tu Th	VU D	SAC H-105	Full Semester
28284	3:15p-5:20p	M W	Taba K	SAC R-113	Full Semester
28210	5:00p-7:05p	Tu Th	Mahoney J	SAC H-105	Full Semester
CAI 28457	5:00p-7:05p	M W	Nguyen K	SAC B-30	Full Semester
28255	5:30p-7:35p	M W	Rollins-Logay E	SAC R-113	Full Semester
28247	5:30p-7:35p	Tu Th	Elizondo G	SAC H-108	Full Semester
28243	7:00p-9:05p	M W	Maiah A	SAC H-104	Full Semester
28252	7:30p-9:35p	Tu Th	Mahoney J	SAC I-101	Full Semester
28213	7:45p-9:50p	M W	Gonzalez J	SAC H-105	Full Semester
28510	7:45p-9:50p	Tu Th	Elizondo G	SAC I-108	Full Semester

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 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.

29066	12:45p-2:50p	Tu Th	Sandoval-Martinez M	SAC I-104	Full Semester
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MATHEMATICS 080, INTERMEDIATE ALGEBRA

4 UNITS

Systems of equations: inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions; problem solving.

Prerequisite: Mathematics 060 with a grade of C or better; or placement into mathematics 080 on the mathematics level 2 placement exam and a course equivalent to mathematics 060.

28850	TBA		Solheid C	SAC WEB	Full Semester
Section 28850 Between the dates of Feb 3 to Feb 5 email the instructor at solheid_christa@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, March 12, April 16, May 14 and June 4, 6:00 pm to 8:00 pm, SAC H-105. See Online Courses page in class schedule or go to www.sac.edu/disted for more information.					
28519	7:00a-9:30a	Tu Th	Rivera Junior F	SAC R-113	Full Semester
CAI 28322	7:00a-9:30a	Tu Th	Fazeli F	SAC H-105	Full Semester
28324	7:00a-9:30a	M W	Everett M	SAC H-107	Full Semester
28525	7:00a-9:35a	M Tu W Th	Youssef M	SAC I-108	04/12-06/03

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
28524	7:00a-9:35a	M Tu W Th	Lechuga J	SAC I-108	02/08-04/01
28341	7:30a-10:00a	M W	Mayo W	SAC R-113	Full Semester
28364	8:00a-1:20p	Sa	Maiah A	SAC B-31	Full Semester
28336	9:15a-11:45a	Tu Th	Pai R	SAC R-114	Full Semester
28516	9:15a-11:45a	M W	Sill K	SAC I-209	Full Semester
28331	9:15a-11:45a	Tu Th	Sandoval-Martinez M	SAC H-107	Full Semester
Section 28331 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28604. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
28335	9:30a-12:00p	M W	Solheid C	SAC R-114	Full Semester
28520	12:00p-2:30p	Tu Th	Carrera C	SAC I-108	Full Semester
Section 28520: Prerequisite-Fire Tech 101 with a grade of C or better. Must be concurrently enrolled in a Fire Tech course or have instructor approval.					
28340	12:00p-2:30p	Tu Th	Leeds K	SAC R-114	Full Semester
28326	12:00p-2:30p	M W	VU D	SAC H-107	Full Semester
Section 28326 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28606. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
28323	12:00p-2:30p	M W	Bourouis-Beryass A	SAC H-105	Full Semester
28339	12:15p-2:45p	M W	Solheid C	SAC R-114	Full Semester
28517	2:15p-4:45p	M W	Bowers C	SAC I-107	Full Semester
28333	2:15p-4:45p	Tu Th	Meier K	SAC H-107	Full Semester
28521	5:00p-7:30p	Tu Th	Bowers C	SAC R-114	Full Semester
28330	5:00p-7:30p	M W	Bowers C	SAC H-107	Full Semester
28337	7:00p-9:30p	Tu Th	Fletcher H	SAC B-11	Full Semester
28518	7:15p-9:45p	M W	Nguyen T	SAC R-114	Full Semester
28334	7:15p-9:45p	Tu Th	Nguyen D	SAC H-107	Full Semester

MATHEMATICS 105, MATHEMATICS FOR LIBERAL ARTS STUDENTS 3 UNITS

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.

Prerequisite: Mathematics 080 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.

28857	TBA		Shahbazian R	SAC WEB	Full Semester
Section 28857 Between the dates of Feb 3 to Feb 5 email the instructor at shahbazian_roy@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, March 12, April 16, May 14 and June 4, 4:00 pm to 6:00 pm, SAC H-104. See Online Courses page in class schedule or go to www.sac.edu/disted for more information.					
28374	7:15a-9:20a	M Tu W Th	Lechuga J	SAC I-203	04/12-06/03
28375	8:00a-12:15p	Sa	Jackson C	SAC R-113	Full Semester
28368	8:00a-10:05a	Tu Th	Everett M	SAC B-11	Full Semester
Section 28368 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28603. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					

28365	9:45a-11:50a	Tu Th	Fazell F	SAC H-105	Full Semester
28367	10:15a-12:20p	M W	Shahbazian R	SAC R-113	Full Semester
28366	2:45p-4:50p	M W	Shahbazian R	SAC H-105	Full Semester

MATHEMATICS 140, COLLEGE ALGEBRA 4 UNITS

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.

Prerequisite: Mathematics 080 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.

28867	TBA		VU D	SAC WEB	Full Semester
Section 28867 Between the dates of Feb 3 to Feb 5 email the instructor at vu_dahlia@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, March 12, April 16, May 14 and June 4, 6:00 pm to 8:00 pm, SAC H-107. See Online Courses page in class schedule or go to www.sac.edu/disted for more information.					
28379	7:00a-9:05a	Tu Th	Proffitt J	SAC H-107	Full Semester
28383	8:00a-12:15p	Sa	Carrera C	SAC I-108	Full Semester
28376	9:45a-11:50a	M W	Carrera C	SAC H-107	Full Semester
28380	12:00p-2:05p	Tu Th	Pai R	SAC H-107	Full Semester
28377	2:45p-4:50p	M W	Lieu T	SAC H-107	Full Semester
28381	5:00p-7:05p	Tu Th	Cedeno J	SAC H-107	Full Semester
28378	7:45p-9:50p	M W	Kassman S	SAC H-107	Full Semester
28382	7:45p-9:50p	Tu Th	Cedeno J	SAC R-114	Full Semester

MATHEMATICS 150, CALCULUS FOR BIOLOGICAL, MANAGEMENT AND SOCIAL SCIENCES 4 UNITS

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.

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 150.

28403	8:00a-1:20p	Sa	Bui M	SAC R-114	Full Semester
28392	10:45a-1:15p	M W	Meier K	SAC H-104	Full Semester
28394	2:15p-4:45p	M W	Klaus R	SAC H-109	Full Semester
28400	5:00p-7:30p	Tu Th	Meier K	SAC H-109	Full Semester
28401	7:15p-9:45p	M W	Tran F	SAC H-109	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MATHEMATICS 160, TRIGONOMETRY 4 UNITS					
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.					
Prerequisite: Both Mathematics 070 and 080 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.					
28405	7:30a-9:35a	M W	Root A	SAC H-109	Full Semester
28409	10:15a-12:20p	Tu Th	Root A	SAC H-109	Full Semester
28410	12:30p-2:35p	Tu Th	MacBride-Hart C	SAC H-109	Full Semester
28407	5:00p-7:05p	M W	Lieu T	SAC H-109	Full Semester

MATHEMATICS 170, PRE-CALCULUS MATHEMATICS 4 UNITS

Advanced algebraic topics. Study of rational, trigonometric, exponential and logarithmic functions, and analytic geometry. Preparation for Mathematics 180.

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.

28411	9:15a-11:45a	M W	Kashi M	SAC H-105	Full Semester
28421	12:00p-2:30p	Tu Th	Mc Clure C	SAC H-105	Full Semester
28423	5:00p-7:30p	M W	Klaus R	SAC H-105	Full Semester
28425	7:15p-9:45p	Tu Th	Minasian A	SAC H-105	Full Semester

MATHEMATICS 180, ANALYTIC GEOMETRY AND CALCULUS 4 UNITS

Limits and continuity, derivatives and integrals of algebraic, trigonometric, and other transcendental functions. Applications including extrema tests, related rates and areas.

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.

28426	8:00a-10:30a	M W	MacBride-Hart C	SAC H-104	Full Semester
28428	11:30a-2:00p	Tu Th	Kashi M	SAC H-104	Full Semester
28427	1:30p-4:00p	M W	Kashi M	SAC H-104	Full Semester
28429	7:15p-9:45p	Tu Th	Nguyen T	SAC H-104	Full Semester

MATHEMATICS 185, ANALYTIC GEOMETRY AND CALCULUS 4 UNITS

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.

Prerequisite: Mathematics 180 or 180H, first semester calculus, with a grade of C or better.

28432	2:15p-4:45p	Tu Th	Sill K	SAC H-104	Full Semester
28430	4:15p-6:45p	M W	Tran F	SAC H-104	Full Semester

MATHEMATICS 203, FUNDAMENTAL CONCEPTS OF ELEMENTARY MATHEMATICS 4 UNITS

Designed for prospective elementary teachers, the course emphasizes problem solving techniques and mathematical structure associated with numeration, set theory, elementary number theory, real number system, ratio, proportion, and percent. The course includes instructional delivery design and activity-based explorations.

Prerequisite: Mathematics 105 or 140 or 145 or 170 or 219 or 219H or Social Science 219 or 219H with a grade of C or better.

28433	7:45p-9:50p	Tu Th	Hendon S	SAC H-109	Full Semester
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MATHEMATICS 219, STATISTICS AND PROBABILITY 4 UNITS

Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology. (Same as Social Science 219.)

Prerequisite: Mathematics 080 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.

28461	7:00a-9:30a	M W	Vu H	SAC H-108	Full Semester
28478	8:00a-1:20p	Sa	Rivera Junior F	SAC A-213	Full Semester
28471	9:45a-12:15p	Tu Th	Zarske J	SAC H-108	Full Semester
28464	12:00p-2:30p	M W	Anthony M	SAC H-108	Full Semester
28473	12:30p-3:00p	Tu Th	Nguyen D	SAC H-108	Full Semester
28468	5:30p-8:00p	M W	Mc Clure C	SAC H-108	Full Semester
28476	7:45p-10:15p	Tu Th	Pham T	SAC H-108	Full Semester

MATHEMATICS 280, INTERMEDIATE CALCULUS 4 UNITS

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.

Prerequisite: Mathematics 185, second semester calculus, with a grade of C or better.

28434	7:15p-9:20p	Tu Th	Sill K	SAC I-209	Full Semester
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MEDICAL ASSISTANT


MEDICAL ASSISTANT 001, 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. Students must be enrolled in a minimum of 7 units including the units for Medical Assistant 001.

28926	TBA	W	Emley C	SAC R-115	Full Semester
Section 28926 meets 2/10, 2/17, 2/24, 6/2 3:30a-4:30pm, SAC R-115. Student arranges work experience placement. Number of units based on number of hours; to be arranged.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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 020, BLOODBORNE AND AIRBORE PATHOGEN STANDARDS 0.5 UNIT
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.

28935	8:00a-5:00p	F	Emley C	SAC R-307	03/05-03/05
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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.

28882	9:00a-12:10p	W	Horgan L	SAC A-205	Full Semester
28913	2:00p-5:10p	Tu	Emley C	SAC A-210	Full Semester
28873	6:00p-9:10p	W	Seitz C	SAC I-107	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.

28916	5:30p-8:40p	W	Emley C	SAC I-209	Full Semester
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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.

28891	6:00p-9:10p	Tu	Seitz C	SAC D-202	Full Semester
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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.

28897	6:30p-9:40p	M	Randles D	SAC R-303-1	Full Semester
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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.

28901	6:00p-9:10p	Th	Coliflores R	SAC R-307	Full Semester
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MEDICAL ASSISTANT 056, COMPUTER APPLICATIONS FOR THE MEDICAL OFFICE 3 UNITS
An introduction to the computer with practical applications for a medical office/clinical setting, including building patient databases, patient scheduling, procedure codes, and diagnostic codes. Generate computerized billing records, posting to accounts, insurance claims forms, and generating reports and electronic data interchange.

28907	1:30p-4:40p	Tu	Seitz C	SAC R-303-1	Full Semester
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MUSIC

MUSIC 011, 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. Suggested for beginning instrumental and voice students, and those who want to know more about music. Recommended as preparation for music theory.

29024	4:50p-6:55p	Tu	Jones E	SAC N-117	Full Semester
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MUSIC 047A, BEGINNING ELECTRIC BASS 1 UNIT
Group instruction for beginners on electric bass. Introduction to basics of music notation, rhythm and blues, rock, jazz and pop styles presented. Lead sheet interpretations are presented with practical performance ideas.

29025	5:50p-7:55p	Tu	Davenport D	SAC N-105	Full Semester
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MUSIC 047B, INTERMEDIATE ELECTRIC BASS 1 UNIT
Intermediate group instruction on electric bass. Continuation in the basics of music, performance theory, styles, and technical skills introduced in Music 047A. Includes expanded chord vocabulary, new scales and modes, and introduction to jazz improvisation.

Prerequisite: Music 047A.

29026	5:50p-7:55p	Tu	Davenport D	SAC N-105	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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MUSIC 071, 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 basic performance skills.

29224	7:00p-10:10p	W	Lopez D	SAC N-114	02/17-06/02
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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.

29041	TBA		Jones E	SAC WEB	Full Semester
Section 29041 go to www.sac.edu/disted for more information. Email instructor first week of class. (jones_elliott@sac.edu)					
29036	8:00a-9:25a	Tu Th	Davenport D	SAC N-117	Full Semester
29027	9:30a-10:55a	Tu Th	Kim J	SAC C-104	Full Semester
29030	11:00a-12:25p	M W	Hung G	SAC C-104	Full Semester
29033	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.

29062	9:30a-10:55a	Tu Th	Lopez D	SAC N-114	Full Semester
29060	9:30a-10:55a	M W	Kehlenbach E	SAC N-114	Full Semester
29063	7:00p-10:10p	Th	Otwell C	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. All Rock and Pop styles will be discussed. Personalities and musical styles will be related to the sociology of the time period being studied.

29064	7:00p-10:10p	M	Bush N	SAC D-105	Full Semester
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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.

29077	11:00a-12:25p	M W	Blake P	SAC N-117	Full Semester
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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.

29069	11:00a-12:55p	M W	Blake P	SAC N-117	Full Semester
1 hour arranged each week					
29065	6:00p-10:15p	Th	Marr J	SAC N-114	Full Semester
1 hour arranged each week					

MUSIC 112, THEORY 2 4 UNITS
Continued study of harmony and ear training. Includes writing phrases and cadences, non-harmonic tones, harmonization, melodies, figured bass, chord progression and keyboard harmony. Computer assisted. Required for music majors; open to non-majors.

Prerequisite: Music 111.

29084	6:00p-10:10p	Th	Kehlenbach E	SAC N-117	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.

29098	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.

29100	5:00p-5:55p	Th	Blake P	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.

29094	6:00p-6:55p	Th	Blake P	SAC N-105	Full Semester
2 hours arranged each week					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

29101	6:00p-6:55p	Th	Blake P	SAC N-105	Full Semester
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2 hours arranged each week

MUSIC 115A, APPLIED MUSIC (PRIVATE INSTRUCTION)**0.5 - 1 UNITS**

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 215ABCD.

Open Entry / Open Exit

29105	TBA		Jones J	SAC N-117	Full Semester
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MUSIC 115B, APPLIED MUSIC (PRIVATE INSTRUCTION)**0.5 - 1 UNITS**

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

29109	TBA		Jones J	SAC N-117	Full Semester
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MUSIC 115C, APPLIED MUSIC (PRIVATE INSTRUCTION)**0.5 - 1 UNITS**

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

29110	TBA		Jones J	SAC N-117	Full Semester
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MUSIC 115D, APPLIED MUSIC (PRIVATE INSTRUCTION)**0.5 - 1 UNITS**

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

29112	TBA		Jones J	SAC N-117	Full Semester
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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.

29124	1:00p-1:55p	Tu Th	O'Hern E	SAC N-117	Full Semester
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29128	1:00p-1:55p	M W	Jones E	SAC N-117	Full Semester
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29116	6:00p-7:55p		Jones E	SAC N-117	Full Semester
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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.

29125	1:00p-1:55p	Tu Th	O'Hern E	SAC N-117	Full Semester
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29129	1:00p-1:55p	M W	Jones E	SAC N-117	Full Semester
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29118	6:00p-7:55p	W	Jones E	SAC N-117	Full Semester
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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.

29126	1:00p-1:55p	Tu Th	O'Hern E	SAC N-117	Full Semester
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29130	1:00p-1:55p	M W	Jones E	SAC N-117	Full Semester
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29119	6:00p-7:55p	W	Jones E	SAC N-117	Full Semester
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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.

29127	1:00p-1:55p	Tu Th	O'Hern E	SAC N-117	Full Semester
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29131	1:00p-1:55p	M W	Jones E	SAC N-117	Full Semester
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29120	6:00p-7:55p	W	Jones E	SAC N-117	Full Semester
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MUSIC 132, THE JAZZ SINGERS**1 UNIT**

Rehearsal and performance of vocal jazz and popular compositions and arrangements. Performance is emphasized. Each semester requires a variety of new and different repertoire.

29133	6:30p-8:35p	M	Kelley C	SAC N-105	Full Semester
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1 hour arranged each week

MUSIC 134, VOCAL JAZZ WORKSHOP**1 UNIT**

Introduces, rehearses, and performs standard and current vocal jazz arrangements. Emphasizes basic vocal jazz elements such as improvisation and scat styles in addition to basic stage technique. Each semester requires performance of a variety of new repertoire.

29132	6:30p-8:35p	M	Kelley C	SAC N-105	Full Semester
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1 hour arranged each week

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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Instrumental and Vocal Ensembles at SAC

Concert Choir, Music 135
Chamber Choir, Music 137
Vocal Jazz Workshop, Music 134
Concert Band, Music 171
Woodwind Ensemble, Music 172
Percussion Ensemble, Music 174
The Jazz Ensemble, Music 175
Latin Jazz Ensemble, Music 177
'Don' Mariachi, Music 178
Chamber Orchestra, Music 181
Guitar Ensemble, Music 189

For more information on instrumental classes contact David Lopez, 564-5652.

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.

29134	2:00p-3:25p	M W	Jones E	SAC N-117	Full Semester
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1.5 hours per week arranged

29136	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester
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1.5 hours per week arranged

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.

29135	2:00p-3:25p	M W	Jones E	SAC N-117	Full Semester
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29137	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester
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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.

29153	3:30p-4:55p	M W	Jones E	SAC N-117	Full Semester
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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.

31016	2:30p-5:40p	M	Lopez D	SAC N-114	Full Semester
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31019	2:50p-4:50p	Th	Lopez D	SAC N-114	Full Semester
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1 hour arranged each week

29150	3:30p-4:55p	M W	Jones E	SAC N-117	Full Semester
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1 hour arranged each week

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 tone modules. Students learn MIDI applications through musical projects. Basic skill level on keyboard suggested.

29159	12:30p-1:30p	M W	Kehlenbach E	DMC-204	02/08-03/29
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1 hour 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.

29138	12:30p-1:30p	M W	Kehlenbach E	DMC-204	02/08-03/29
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4 hours arranged each week

29164	6:00p-9:05p	W	Graham A	DMC-204	04/14-06/02
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4 hours arranged each week

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MUSIC 146, DIGITAL RECORDING STUDIO TECHNIQUES I 2 UNITS					
<i>Introductory class in computer-based hard disk recording. Emphasis on digital sound manipulation, editing, mixdown, and microphone techniques.</i>					
29162	1:30p-2:55p	Tu Th	Bush N	DMC-204	02/09-04/01
			3 hours arranged each week		
29160	6:00p-9:25p	W	Graham A	DMC-204	02/10-03/24
			3 hours arranged each week		
MUSIC 147, DIGITAL RECORDING STUDIO TECHNIQUES II 2 UNITS					
<i>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.</i>					
Prerequisite: Music 146.					
29163	6:00p-9:05p	W	Graham A	DMC-204	04/14-06/02
MUSIC 148, DIGITAL MUSIC SYNCHRONIZATION TO MULTIMEDIA 2 UNITS					
<i>Techniques of synchronizing MIDI and digital audio tracks to video. Compositional elements of scoring to picture as well as technical elements of using SMPTE time code are covered. Experience with MIDI sequencing and/or digital recording is necessary.</i>					
29168	12:30p-1:55p	M W	Kehlenbach E	DMC-204	04/12-06/02
			3 hours arranged each week		
MUSIC 149, THE BUSINESS OF MUSIC 2 UNITS					
<i>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.</i>					
29171	5:50p-7:55p	Tu	Graham A	DMC-203	Full Semester
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>					
29172	12:30p-1:25p	Tu Th	Tseng P	SAC N-106	Full Semester
29194	1:30p-2:25p	M W	Blake P	SAC N-106	Full Semester
29174	5:50p-7:55p	Tu	Warde L	SAC N-106	Full Semester
29183	7:00p-9:05p	M	Unal F	SAC N-106	Full Semester
29176	7:00p-9:05p	Th	Kim J	SAC N-106	Full Semester
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.					
29205	11:00a-11:55a	Tu Th	Blake P	SAC N-106	Full Semester
29210	6:00p-8:05p	W	Martinchuk S	SAC N-106	Full Semester
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.					
29201	11:30a-12:25p	Tu Th	Blake P	SAC N-106	Full Semester
29209	7:00p-9:05p	W	Martinchuk S	SAC N-106	Full Semester
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.					
29202	11:30a-12:25p	Tu Th	Blake P	SAC N-106	Full Semester
29213	7:00p-9:05p	W	Martinchuk S	SAC N-106	Full Semester
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.					
29214	7:00p-9:05p	W	Martinchuk S	SAC N-106	Full Semester
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.					
29217	7:00p-9:05p	W	Martinchuk S	SAC N-106	Full Semester
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>					
29223	7:00p-10:10p	W	Lopez D	SAC N-114	02/17-06/02

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MUSIC 172, WOODWIND ENSEMBLE 1 UNIT					
<i>Rehearsal and performance of repertoire for woodwind ensemble. Each semester requires the performance of a variety of different repertoire. Designed for students who have basic performance skills.</i>					
29279	4:50p-6:50p	W	Lopez D	SAC N-105	Full Semester
			1 hour arranged each week		
MUSIC 174, PERCUSSION ENSEMBLE 1 UNIT					
<i>Rehearsal and performance of music for percussion ensemble. Each semester requires the performance of a variety of different repertoire. Designed for students who have basic performance skills.</i>					
29280	4:35p-6:35p	M	Squyres D	SAC N-114	Full Semester
			1 hour arranged each week		
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>					
29225	7:00p-10:10p	M	Lopez D	SAC N-114	02/22-06/07
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>					
29227	7:00p-10:10p	M	Lopez D	SAC N-114	02/22-06/07
MUSIC 177, LATIN JAZZ ENSEMBLE 1 UNIT					
<i>Rehearsal and performance of jazz repertoire with influences from the Caribbean, Brazil, and Latin America. Each semester requires the performance of a variety of different repertoire. Designed for students who have basic performance skills.</i>					
31014	2:30p-5:40p	M	Lopez D	SAC N-114	Full Semester
			1 hour arranged each week		
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>					
31018	2:50p-6:00p	Th	Lopez D	SAC N-114	Full Semester
			1 hour arranged each week		
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.					
29203	12:00p-12:55p	M W	Unal F	SAC N-106	Full Semester
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>					
29230	7:00p-9:05p	Tu	Shorts N	SAC N-114	Full Semester
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>					
29228	7:00p-10:10p	Tu	Shorts N	SAC N-114	02/16-06/01
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 29257	10:00a-12:05p	Sa	Adele D	SAC N-114	Full Semester
29233	5:50p-7:55p	M	Giralдин M	SAC N-117	Full Semester
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.					
29260	8:00p-8:50p	M	Giralдин M	SAC N-117	Full Semester

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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MUSIC 187, ADVANCED CLASSICAL GUITAR 1 UNIT

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.

Prerequisite: Music 186.

29261	8:00p-10:05p	M	Giraldin M	SAC N-117	Full Semester
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MUSIC 188, ADVANCED CLASSICAL GUITAR TECHNIQUE AND REPERTOIRE 1 UNIT

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.

Prerequisite: Music 187.

29263	8:00p-10:05p	M	Giraldin M	SAC N-117	Full Semester
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MUSIC 189, GUITAR ENSEMBLE 1 UNIT

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.

W 29266	12:15p-2:15p	Sa	Adele D	SAC N-114	Full Semester
1 hour arranged each week					

MUSIC 211, MUSIC HISTORY AND LITERATURE 3 UNITS

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.

29054	TBA		Jones E	SAC WEB	Full Semester
Section 29054 Go to www.sac.edu/disted for more information. Email instructor first week of class. (jones_elliott@sac.edu)					

MUSIC 214, THEORY 3 UNITS

Continuation of Music 213. Late nineteenth century harmonic technique, and important aspects of twentieth century style. Analysis and writing of short, derivative compositions. Keyboard harmony. Concurrent enrollment in Music 114B recommended. Required for music majors; open to non-majors.

Prerequisite: Music 213.

29268	7:00p-10:10p	Th	Blake P	SAC N-105	Full Semester
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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.

29114	TBA		Jones J	SAC	Full Semester
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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.

29270	7:00p-10:10p	Th	Blake P	SAC N-105	Full Semester
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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.

29273	7:00p-10:10p	Th	Blake P	SAC N-105	Full Semester
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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 29267	12:15p-2:25p	Sa	Adele D	SAC N-114	Full Semester
29232	7:00p-10:10p	Tu	Shorts N	SAC N-114	Full Semester
1 hour arranged each week					

NURSING-CONTINUING EDUCATION

NURSING-CONTINUING EDUCATION 098, NCLEX-RN EXAM PREPARATION COURSE FOR THE GRADUATE NURSE 1 UNIT

Provides the student with a process for test taking and to prepare the student to successfully pass the NCLEX-RN exam. This course is designed for graduates of accredited schools of nursing.

28944	8:00a-4:00p	M Tu W Th F	Simbro T	SAC SJH	01/04-01/08
20 computer lab hours required.					

NURSING-REGISTERED

NURSING-REGISTERED 045, CARDIOPULMONARY RESUSCITATION

RECERTIFICATION 0.2 UNIT

To provide updated information and skills training in Basic Life Support for healthcare providers.

Open Entry / Open Exit

26771	8:00a-5:00p	F	Nick J	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.

26666	9:00a-11:15a	W	Rehm A	SAC R-307	Full Semester
	2:00p-4:15p	Th	Rehm A	SAC R-307	

ALL Registered Nursing 101 students are to contact ATI at www.atitesting.com to pay the required \$119.00 testing fee.

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.

240 clinical hours to be arranged.

26669	TBA	M Tu	Schroeder B	CAREHOUS	02/08-05/25
	TBA	M Tu	Schroeder B	WMC	
26670	TBA	M Tu	Chela R	CAREHOUS	02/08-05/25
	TBA	M Tu	James S	FV	
26674	TBA	M Tu	Rehm A	LV	02/08-05/25
	TBA	M Tu	Rehm A	KAISER	
26676	TBA	M Tu	Coliflores R	NNR	02/08-05/25
	TBA	M Tu	Coliflores R	SJH	

ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213.

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 women's health issues, the childbearing family, care of the child and adolescent, and 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.

26678	2:15p-4:20p	W	Ettinger B	SAC R-124	Full Semester
	2:00p-4:10p	Th	Ettinger B	SAC D-106	
26680	6:00p-9:25p	Th	Ettinger B	SJH	02/08-06/24

ALL Registered Nursing 102 students are to contact ATI at www.atitesting.com to pay the required \$93.00 testing fee.

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.

220 clinical hours to be arranged.

W 26694	TBA	M	Ettinger B	FV	02/08-05/31
	TBA	M	Ettinger B	FV	
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213.					
W 26693	TBA	Sa	Giroux R	WMC	02/08-06/12
	TBA	Sa	Staff	FV	
26684	TBA	Tu	Newton McMillan M	MH	02/08-06/01
	TBA	Tu	Staff	FV	
26689	TBA	Sa	Bass S	SJH	02/08-06/12
	TBA	Sa	Bass S	CHOC	
26687	TBA	M	Weinfeld J	SJH	02/08-05/31
	TBA	M	Staff	CHOC	
26691	TBA	Tu	Giroux R	WMC	02/08-06/01
	TBA	Tu	Staff	CHOC	

Only students enrolled in the Extended Campus Program may register for numbers 26693 and 26689.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.
 26769 3:00p-5:05p W Paunovic M SAC R-128 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, Biology 149 or Biology 239, Biology 249, Biology 139 or 229.

26770 TBA Brown S SAC WEB Full Semester
 9:30a-11:05a Th Brown S SAC R-126
 Section 26770 Online instruction plus mandatory on campus meetings: Thursday 2/11, 3/4, 4/15, 5/6, 5/27, 6/3, 9:30-11:05am, SAC R-126 Go to www.sac.edu/disted for more information. Email instructor first week of class. (brown_stephen@sac.edu)

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

31112 TBA M Tu W Th F Sa Nick J SAC R-203 02/08-06/02
 31114 1:00p-6:00p Th Duralde M SJH 02/08-06/17

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

31113 TBA M Tu W Th F Sa Nick J SAC R-203 02/08-06/02

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.

26773 6:00p-8:05p M Nick J SAC R-117 04/12-06/06
 Section 26773 combines online and in-class instruction. Mandatory skills testing on May 13th from 6:00pm to 9:00pm.

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.
 26696 11:45a-1:50p W Emley C SAC R-124 Full Semester
 2:00p-4:10p Th Stucken R SAC D-101
 ALL Registered Nursing 201 students are to contact ATI at www.atitesting.com to pay the required \$83.00 testing fee.

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.

240 clinical hours to be arranged.

26699	TBA	M	Staff	COL	02/08-05/31
	TBA	M	Staff	AMMC	
26698	TBA	Sa Su	Stucken R	COL	02/08-06/05
	TBA	Sa Su	Stucken R	AMMC	
26701	TBA	Tu	Horgan L	SJH	02/08-06/01
	TBA	Tu	Horgan L	STJUDE	
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC, R-213.					
26700	TBA	M	Massey B	SJH	02/08-05/31
	TBA	M	Ketchum R	STJUDE	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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26697 TBA M Emley C UCI 02/08-05/31
 TBA M Bowles C UCI

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.
 26755 1:00p-3:40p M Hirsch R SAC A-210 02/08-05/06
 2:00p-4:40p Th Mixer D SAC A-130
 26756 6:00p-8:40p M Hirsch R SAC R-307 02/08-05/06
 6:00p-8:40p Th Mixer D SJH
 ALL Registered Nursing 202 students are to contact ATI at www.atitesting.com to pay the required \$81.00 testing fee.

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.

256 clinical hours to be arranged.

26763	TBA	Sa	Steckler M	SJH	02/09-06/03
26762	TBA	Sa	Carroll M	WMC	02/09-06/03
	TBA	Sa	Naraghi A	WMC	
26761	TBA	Sa	Brown S	UCI	02/09-06/03
26757	TBA	Sa	Paunovic M	HOAG	02/09-06/03
26759	TBA	W	Hirsch R	MH	02/09-06/03
26758	TBA	Tu	Mixer D	SJH	02/09-06/03
26760	TBA	Tu	Haglund B	WMC	02/09-06/03

ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC, R-213. Only students enrolled in the Extended Campus Program may register for numbers 26761, 26762, and 26763.

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.

30929 9:00a-10:25a M W Higgins R SAC T-212 Full Semester
 30931 6:30p-9:40p Tu Drozd A SAC T-212 Full Semester

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.

30932 TBA Higgins R SAC WEB Full Semester
 Section 30932 Online instruction plus mandatory on campus orientation: Mon, Feb 08, 6:30-7:30pm, SAC T-212. Go to www.sac.edu/disted for more information. Email instructor first week of class. (higgins_rita@sac.edu)

30924 9:00a-10:25a M W Higgins R SAC T-212 Full Semester
 30927 6:30p-9:40p Th Drozd 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.

26920 8:00a-9:05a M Parolise M SAC T-210 Full Semester

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.

30776 9:15a-11:20a M W Parolise M SAC T-210 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
OCCUPATIONAL THERAPY ASSISTANT 101L, EXPLORATION OF OCCUPATION THROUGH ACTIVITY 2.5 UNITS					
<i>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.</i>					
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.					
30778	12:30p-3:40p	MW	Vu V	SAC T-210	Full Semester
Section 30778 has 2 hours arranged per week					
OCCUPATIONAL THERAPY ASSISTANT 102, PSYCHOSOCIAL FUNCTION AND DYSFUNCTION 4 UNITS					
<i>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.</i>					
Prerequisite: OTA 101 and 101L, and concurrent enrollment in OTA 102L.					
30779	TBA		Parolise M	SAC WEB	Full Semester
Section 30779 Go to www.sac.edu/disted for more information. Email instructor first week of class. (parolise_michelle@sac.edu)					
OCCUPATIONAL THERAPY ASSISTANT 102L, PSYCHOSOCIAL COMPONENTS OF OCCUPATION 2.5 UNITS					
<i>This course will explore the occupational therapy assistants' role in conducting assessments and treatment protocols used in pediatric, adolescent, and adult psychosocial settings.</i>					
Prerequisite: Occupational Therapy Assistant 100, 101, 101L, and concurrent enrollment in OTA 102.					
30780	6:00p-9:10p	MW	Hyman D	SAC T-210	Full Semester
Section 30780 has 2 hours arranged per week					
OCCUPATIONAL THERAPY ASSISTANT 103, PHYSICAL FUNCTION AND DYSFUNCTION 4 UNITS					
<i>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.</i>					
Prerequisite: Occupational Therapy Assistant 102 and 102L and concurrent enrollment in Occupational Therapy Assistant 103L and 201.					
30781	8:00a-10:05a	Tu Th	Vu V	SAC T-210	Full Semester
OCCUPATIONAL THERAPY ASSISTANT 103L, PHYSICAL COMPONENTS OF OCCUPATION 2 UNITS					
<i>Explores the Occupational Therapy Assistant's role in conducting assessments and treatment commonly used by occupational therapists with clients across the life span.</i>					
Prerequisite: Occupational Therapy Assistant 102, and 102L and concurrent enrollment in OTA 103 and 201.					
30782	2:30p-5:40p	Tu Th	Hattiangadi R	SAC T-210	Full Semester
Section 30782 has 2 hours arranged each week					
OCCUPATIONAL THERAPY ASSISTANT 111, APPLIED KINESIOLOGY 1 UNIT					
<i>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.</i>					
Prerequisite: Biology 149 or 239.					
30783	8:00a-9:10a	W	Parolise M	SAC T-210	Full Semester
OCCUPATIONAL THERAPY ASSISTANT 201, CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE 4 UNITS					
<i>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.</i>					
Prerequisite: Occupational Therapy Assistant 102, and 102L; concurrent enrollment in O.T.A. 103 and 103L.					
30784	10:15a-1:20p	Tu Th	Parolise M	SAC T-210	Full Semester
OCCUPATIONAL THERAPY ASSISTANT 202, LEVEL II FIELDWORK - PART I 6 UNITS					
<i>Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply learned knowledge and skills.</i>					
Prerequisite: Occupational Therapy Assistant 103, 103L and 201.					
30786	TBA		Hyman D	SAC	02/08-04/02
Section 30786 has 40 hours arranged per week					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
OCCUPATIONAL THERAPY ASSISTANT 203, LEVEL II FIELDWORK - PART II 6 UNITS					
<i>Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply learned knowledge and skills.</i>					
Prerequisite: Occupational Therapy Assistant 103, 103L and 201.					
30788	TBA		Hyman D	SAC	04/12-06/04
Section 30788 has 40 hours arranged per week					

PARALEGAL

PARALEGAL 100, INTRODUCTION TO PARALEGAL STUDIES 3 UNITS					
<i>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.</i>					
W 27927	8:00a-3:30p	Sa	Lamarra K	SAC A-205	02/20-04/03
27930	7:00p-10:10p	M	Nelson A	SAC A-205	Full Semester
PARALEGAL 105, 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 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.</i>					
27934	TBA		De Boer C	SAC A-107-13	Full Semester
E-mail instructor first week of class: (Deboer_Christine@sac.edu)					
PARALEGAL 107, PRINCIPLES AND PROCEDURES IN THE CRIMINAL JUSTICE SYSTEM 3 UNITS					
<i>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.)</i>					
27940	11:30a-12:55p	Tu Th	Manzano F	SAC A-205	Full Semester
27952	7:00p-10:10p	Tu	Alexander R	SAC R-117	Full Semester
PARALEGAL 120, COMPUTERS IN THE LAW OFFICE 3 UNITS					
<i>Basic computer concepts for law office personnel. The focus will be on current hardware and software used in the law office.</i>					
Material Fee(s): \$4					
27953	6:00p-10:10p	Th	Keck E	SAC A-222	Full Semester
PARALEGAL 121, ETHICS AND PROFESSIONAL RESPONSIBILITY 2 UNITS					
<i>Ethics and professional responsibility for paralegals: fees, client funds, billing, advertising, solicitation, unauthorized practice, deceit, confidentiality; conflict of interest, suppressing evidence, reporting misconduct and professional practice obligations.</i>					
27955	TBA		Manzano F	SAC WEB	02/08-04/02
Section 27955 Go to www.sac.edu/disted for more information. Email instructor first week of class. (manzano_rick@sac.edu)					
27956	TBA		Manzano F	SAC WEB	04/12-06/04
Section 27956 Go to www.sac.edu/disted for more information. Email instructor first week of class. (manzano_rick@sac.edu)					
PARALEGAL 122, ELDER LAW 2 UNITS					
<i>Law and procedures for the aging population. Interviewing, advance directives, wills, trusts, guardianships, patients' rights in healthcare decisions, entitlement programs, managed care, long-term care insurance, viatical settlements, living facilities, financial planning, social security, and elder abuse.</i>					
27957	8:00a-9:30a	M	Manzano F	SAC A-205	Full Semester
Section 27957 Online instruction plus mandatory on-campus meetings every Mon, 8:00am-9:30am, SAC A-205. Go to www.sac.edu/disted for more information. Email instructor first week of class. (manzano_rick@sac.edu)					
PARALEGAL 130, LEGAL TRANSACTIONS 3 UNITS					
<i>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.</i>					
W 27960	8:00a-5:10p	Sa	Lamarra K	SAC A-205	04/17-06/05
PARALEGAL 134, PROBATE LAW AND PROCEDURE 2 UNITS					
<i>Probate and estate planning procedures. Skills required to draft probate documents, assist attorneys in administration of estates, monitoring asset and fiduciary accountings. Basic probate laws, wills, trusts and taxes.</i>					
28008	6:00p-10:10p	Th	Davis A	SAC A-205	02/11-04/01
PARALEGAL 135, BANKRUPTCY LAW AND PROCEDURE 2 UNITS					
<i>Federal bankruptcy act and court procedures for the paralegal, the functions of the bankruptcy trustee, and a detailed examination of the process of being declared a bankrupt.</i>					
28013	6:00p-10:15p	Th	Harman J	SAC A-205	04/15-06/03
PARALEGAL 136, REAL PROPERTY LAW AND PROCEDURE 2 UNITS					
<i>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.</i>					
28015	8:00a-10:10a	Tu Th	Manzano F	SAC A-213	04/13-06/03

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
PARALEGAL 137, TORT AND INSURANCE LAW 2 UNITS					
<i>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.</i>					
28016	8:00a-9:30a	W	Manzano F	SAC A-224	Full Semester
Section 28016 combines on-campus meetings every Wed, 8:00am-9:30am, SAC A-224 with online instruction. Go to www.sac.edu/disted for more information. (manzano_rick@sac.edu)					
PARALEGAL 143, CIVIL LITIGATION OVERVIEW 2 UNITS					
<i>Overview of California civil procedure from acceptance of case to trial. Planning litigation, pleadings, motions, discovery and trial preparation.</i>					
28020	6:00p-10:15p	Tu	Pollinger B	SAC A-205	02/09-03/30
PARALEGAL 144, DISCOVERY TECHNIQUES 2 UNITS					
<i>Focus on the Discovery Phase of litigation. Overview of California discovery rules, the discovery plan preparation of discovery documents and responses. Practical applications for paralegals. Recommended preparation: Paralegal 143.</i>					
28021	6:00p-10:15p	Tu	Pollinger B	SAC A-205	04/13-06/01
PARALEGAL 246, LEGAL RESEARCH AND ANALYSIS 4 UNITS					
<i>Principles of research, analysis, and techniques for the Paralegal. Must be familiar with Civil Procedure.</i>					
28022	7:00p-10:10p	M	Rients D	SAC A-108	Full Semester
	7:00p-10:10p	W	Rients D	OCLL	
PARALEGAL 248, ADVANCED RESEARCH AND WRITING 3 UNITS					
<i>Advanced projects in legal research and writing. Emphasis on legal form and style. Prerequisite: Paralegal 246.</i>					
28023	6:30p-9:35p	M	Shelley G	DMC-203	Full Semester
PARALEGAL 299, COOPERATIVE WORK EXPERIENCE EDUCATION 1 - 4 UNITS					
<i>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.</i>					
28024	TBA		De Boer C	SAC A-107-13	Full Semester
E-mail instructor first week of class: (Deboer_Christine@sac.edu)					

PHARMACY TECHNOLOGY

PHARMACY TECHNOLOGY 048, INTRODUCTION TO PHARMACY TECHNOLOGY 2 UNITS					
<i>Overview of the SAC Pharmacy Technician training program. Definition of the roles and preview of the opportunities open to pharmacy technicians in various practice settings. Presentation of pharmaceutical dosage forms, drug development processes, and drug classification systems. Introduction to prescription labeling and to the law and ethics of pharmacy practice.</i>					
27200	TBA		Ross Jr J	SAC WEB	Full Semester
Section 27200 Online instruction plus mandatory on campus meetings every other Saturday, starting Feb 20, 8-10:05am, SAC, H-201. Go to www.sac.edu/disted for more information. Email instructor first week of class. (rossjr_john@sac.edu)					
27198	9:00a-11:05a	Tu	Ross Jr J	SAC T-212	Full Semester
27199	6:00p-8:05p	Tu	Phi C	SAC H-210	Full Semester
PHARMACY TECHNOLOGY 051, BODY SYSTEMS I 3.5 UNITS					
<i>Anatomy, physiology, pathology, and pharmacology of the musculoskeletal, respiratory, renal, and cardiovascular systems. Basic terminology, with emphasis on word analysis and construction, medical abbreviations, and lay terms.</i>					
31181	TBA		Nguyen H	SAC WEB	Full Semester
Section 31181 combines online and in-class instruction. Class will meet on campus every other Mon starting Feb. 8 from 6-9:45 pm, SAC T-212. Go to www.sac.edu/disted for more information. Email instructor first week of class. (nguyen_hieu@sac.edu)					
27201	9:00a-12:45p	Th	Nguyen H	SAC T-212	Full Semester
27203	9:00a-12:45p	F	Ross Jr J	SAC H-210	Full Semester
27202	6:00p-9:45p	Th	Jacobson J	SAC H-201	Full Semester
PHARMACY TECHNOLOGY 054, PHARMACY CALCULATIONS 2 UNITS					
<i>Calculations related to drug dosage, measurements of strength, and preparation of medications. Includes interconversion of units in the metric and common systems of measurement. Emphasis on unit-cancellation for solving pharmacy situation problems. Strong verbal component.</i>					
29887	TBA		Ross Jr J	SAC WEB	Full Semester
Section 29887 Online instruction plus mandatory on campus meetings every other Saturday, starting Feb 20, 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)					
27204	11:15a-1:20p	Tu	Ross Jr J	SAC T-212	Full Semester
27206	8:15p-10:20p	Tu	Phi C	SAC H-210	Full Semester
PHARMACY TECHNOLOGY 056, PHARMACY OPERATIONS 4.5 UNITS					
<i>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.</i>					
Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with grade of C or better, 30 wpm typing.					
29888	9:00a-11:15p	M W	Huynh-Dang K	SAC H-210	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
PHARMACY TECHNOLOGY 057, INPATIENT PHARMACY SERVICES 1.5 UNITS					
<i>Technical aspects of drug distribution for the inpatient (hospital) pharmacy setting. Hands-on training in medication order processing, pharmacy patient profile maintenance, medication preparation, and inpatient drug distribution using manual and automated systems. Includes electronic and manual record-keeping, pharmacy law, and CQI.</i>					
Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with grades of C or better, 30wpm typing.					
29889	9:00a-1:15p	Tu Th	Huynh-Dang K	SAC H-210	02/08-04/01
PHARMACY TECHNOLOGY 060, STERILE PRODUCTS 4.5 UNITS					
<i>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.</i>					
Prerequisite: Pharmacy Technology 048, 054, AND 051 OR 052 with a grade of C or better, 30 wpm typing.					
29890	6:00p-10:15p	M W	Rocha D	SAC H-210	Full Semester
PHARMACY TECHNOLOGY 061, PHARMACY TECHNOLOGY SKILLS LAB 0.5 UNIT					
<i>Supervised use of the Pharmacy Technology lab to assist the student in developing competency in the technical skills required to successfully complete the Pharmacy Operations, Inpatient Pharmacy Services, Sterile Products, Pharmacy Technology Externship, and/or Sterile Products Review courses. Lab hours verified by sign-in.</i>					
Open Entry / Open Exit					
29892	TBA		Rocha D	SAC H-210	Full Semester
Section 29892 is open entry/open exit. Skills Lab is open Mon/Wed, 1:30-4:30pm and Sat, 9am-12noon.					
PHARMACY TECHNOLOGY 072, PHARMACY TECHNOLOGY EXTERNSHIP 0.5 - 4 UNITS					
<i>On-site training in three pharmacy practice settings. Students must complete the related lab course prior to placement in a specific rotation: PHAR 056 for outpatient, 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.</i>					
Prerequisite: Pharmacy Technology 056, 057, or 060 with a grade of C or better; current TB clearance; Speech Communications 097, 101, 101H or 102.					
29893	TBA		Huynh-Dang K	SAC H-210	01/04-06/04
PHARMACY TECHNOLOGY 080, PHARMACY CALCULATIONS REVIEW 2 UNITS					
<i>Review of calculations related to drug dosage, measurements of strength, and preparations of medications. Includes interconversion of units in the metric and common systems of measurements. Emphasis on unit-cancellation for solving pharmacy situation problems.</i>					
Prerequisite: Pharmacy Technology 054.					
27205	11:15a-1:20p	Tu	Ross Jr J	SAC T-212	Full Semester
27207	8:15p-10:20p	Tu	Phi C	SAC H-210	Full Semester
PHARMACY TECHNOLOGY 084, STERILE PRODUCTS UPDATE 4 UNITS					
<i>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.</i>					
Prerequisite: Pharmacy Technology 060 with grade of C or better.					
29891	6:00p-10:15p	M W	Rocha D	SAC H-210	Full Semester
PHILOSOPHY					
PHILOSOPHY 106, INTRODUCTION TO PHILOSOPHY 3 UNITS					
<i>A survey of historical and contemporary ideas on how to live the good life.</i>					
27128	8:00a-9:25a	Tu Th	Shigematsu T	SAC D-105	Full Semester
27127	8:00a-9:25a	M W	Shigematsu T	SAC D-105	Full Semester
27133	9:45a-11:10a	Tu Th	Shigematsu T	SAC D-105	Full Semester
27136	12:00p-1:25p	M W	Fish Z	SAC D-105	Full Semester
27138	5:30p-9:05p	M W	Krogfoss W	SAC I-206	02/08-03/29
27148	6:00p-9:10p	F	Staff	SAC C-104	04/16-06/04
	9:00a-12:10p	Sa	Staff	SAC C-104	
27130	7:00p-10:10p	Tu	Redoutey M	SAC D-208	Full Semester
PHILOSOPHY 110, CRITICAL THINKING 4 UNITS					
<i>College-level critical thinking and writing. Promotes self-awareness, independent thinking, and improved academic expression. Examines philosophical methods of reasoning and composition, and the uses of informal logic and criticism in personal life, college, work, and democratic society.</i>					
Prerequisite: English 101 or 101H with a grade of C or better					
27210	TBA		Fish Z	SAC WEB	Full Semester
On-line instruction plus mandatory on campus meetings: Mon, 2/8, 3/8, 4/19, 5/24, 5-6:50 pm, SAC I-203. Go to www.sac.edu/disted for more information. Email instructor first week of class. (fish_zachary@sac.edu)					
27212	7:45a-9:50a	Tu Th	Fish Z	SAC D-207	Full Semester
27209	9:45a-11:50a	M W	Shigematsu T	SAC D-105	Full Semester
27208	10:15a-12:20p	Tu Th	Staff	SAC I-104	Full Semester
27211	2:40p-6:55p	Tu Th	Staff	SAC D-201	02/09-04/01
27213	6:00p-10:15p	Tu	Fish Z	SAC D-213	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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. Uses computer assisted instruction. Emphasizes active student involvement and practical application to college life. (Same as Interdisciplinary Studies 111.)

27214	11:30a-1:35p	Tu Th	Fish Z	SAC A-222	Full Semester
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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.

27218	11:30a-12:55p	Tu Th	Shigematsu T	SAC D-105	Full Semester
27217	7:00p-10:10p	W	Fish Z	SAC D-209	Full Semester

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

28671	3:00p-4:55p	W	Lanoue M	SAC R-303	Full Semester
28670	3:40p-4:55p	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, and print presentation. The student will develop aesthetic knowledge and technical skills of photography. An adjustable camera is required.

Material Fee(s): \$15

28676	9:00a-2:20p	Sa	Rager G	SAC R-303	Full Semester
28675	9:30a-12:05p	Tu Th	Miller R	SAC R-303	Full Semester
28678	1:00p-3:35p	Tu Th	Miller R	SAC R-303	Full Semester
28674	5:00p-10:20p	W	Lanoue M	SAC R-303	Full Semester

PHOTOGRAPHY 190, BEGINNING BLACK AND WHITE DIGITAL PHOTOGRAPHY**3 UNITS**

Introduction to the technology of digital (electronic) photography. Exploration of the capabilities and uses of the "electronic darkroom". Students produce black and white digital images from photographic negatives and prints.

Prerequisite: Photography 180.

Material Fee(s): \$15

W 28687	5:00p-10:05p	F	Sharum M	SAC A-219	Full Semester
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PHOTOGRAPHY 191, 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.

Prerequisite: Photography 180.

Material Fee(s): \$15

W 28685	5:00p-10:05p	F	Sharum M	SAC A-219	Full Semester
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PHOTOGRAPHY 291, WEDDING AND QUINCEANERA PHOTOGRAPHY**3 UNITS**

Instruction in fundamental concepts, equipment demands, and photographic techniques used by contemporary wedding/quinceanera photographers.

Prerequisite: Photography 180.

Material Fee(s): \$15

31342	5:00p-7:05p	Th	Rager G	SAC R-303	Full Semester
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PHOTOGRAPHY 292, PORTRAIT PHOTOGRAPHY**3 UNITS**

Portrait photography from historical and contemporary viewpoints. Available and studio lighting techniques applied to portrait styles provide the student with a broad range of expression. 35mm (or larger) camera with medium telephoto lens required. Includes darkroom activities and out of class assignments.

Prerequisite: Photography 180.

Material Fee(s): \$15

28680	5:00p-10:20p	Tu	Lanoue M	SAC R-303	Full Semester
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PHYSICAL SCIENCE**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.

28843	11:00a-12:25p	M W	Raoufi A	SAC R-318	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

28844	1:30p-4:40p	M	Raoufi A	SAC R-328	Full Semester
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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.

28842	11:00a-12:25p	M W	Raoufi A	SAC R-318	Full Semester
	1:30p-4:40p	M	Raoufi A	SAC R-328	

PHYSICS 211, PRINCIPLES OF PHYSICS II**4 UNITS**

A calculus-based physics course designed for students majoring in the life sciences, pre-medicine, and related disciplines. Topics include: electricity and magnetism, light, optics, and modern physics.

Prerequisite: Physics 210 and Mathematics 180/180H with a grade of C or better.

28864	7:00p-10:10p	Tu	Budarz T	SAC R-318	Full Semester
	7:00p-10:10p	Th	Budarz T	SAC R-328	
31175	7:00p-10:10p	Tu	Budarz T	SAC R-318	Full Semester
	3:30p-6:40p	Th	Budarz T	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 (May be taken concurrently).

28845	11:15a-12:40p	Tu Th	Budarz T	SAC R-126	Full Semester
	8:00a-10:05a	M	Budarz T	SAC R-328	
	10:15a-11:10a	M		SAC R-328	
28852	11:15a-12:40p	Tu Th	Budarz T	SAC R-126	Full Semester
	11:15a-1:20p	M	Budarz T	SAC R-328	
	2:00p-2:55p	M		SAC R-318	

PHYSICS 237, ENGINEERING PHYSICS III**4 UNITS**

Introduces the basic principles of fluids, thermodynamics, sound, light, optics, and modern physics. This course is designed for students majoring in physical sciences and engineering.

Prerequisite: Physics 217 and Mathematics 185 both with a grade of C or better.

28860	9:30a-10:55a	Tu Th	Budarz T	SAC R-318	Full Semester
	8:00a-10:05a	W	Budarz T	SAC R-328	
	10:10a-11:05a	W		SAC R-328	

PHYSICS 289, COLLEGE PHYSICS II**4 UNITS**

A trigonometry-based physics course. Topics include: light, electricity, magnetism, and modern physics.

Prerequisite: Physics 279 and Mathematics 160 both with a grade of C or better.

28869	7:00p-10:10p	Tu	Budarz T	SAC R-318	Full Semester
	7:00p-10:10p	Th	De Santos G	SAC R-328	
31176	7:00p-10:10p	Tu	Budarz T	SAC R-318	Full Semester
	3:30p-6:40p	Th	Budarz T	SAC R-328	

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.

27006	TBA		Petri M	SAC WEB	Full Semester
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On-line instruction plus mandatory on campus meetings: Thurs, 2/11, 4/1, 5/27, 5-6:50pm, SAC D-101. Go to www.sac.edu/disted for more information. Email instructor first week of class. (petri_michael@sac.edu).

27002	8:00a-9:25a	Tu Th	Andrade P	SAC D-204	Full Semester
26975	8:00a-9:25a	Tu Th	Murphy T	SAC D-101	Full Semester
26973	8:00a-9:25a	M W	Murphy T	SAC D-106	Full Semester
27004	9:00a-12:10p	F	Rim K	SAC D-208	Full Semester
26977	9:45a-11:10a	M W	Murphy T	SAC D-106	Full Semester
26980	9:45a-11:10a	Tu Th	Andrade P	SAC D-101	Full Semester
27008	9:45a-11:10a	M W	Andrade P	SAC I-206	Full Semester
26982	11:30a-12:55p	Tu Th	Murphy T	SAC D-106	Full Semester
26981	11:30a-12:55p	M W	Murphy T	SAC D-101	Full Semester
26983	12:45p-2:10p	Tu Th	Andrade P	SAC D-208	Full Semester
26984	1:00p-4:10p	Tu Th	Rim K	SAC D-209	04/13-06/03
26976	2:30p-3:55p	M W	Murphy T	SAC D-106	Full Semester
26985	5:00p-6:25p	M W	Becker C	SAC D-101	Full Semester
W 27003	6:00p-9:10p	F	Petri M	SAC I-109	04/16-06/05
	9:00a-12:10p	Sa	Petri M	SAC I-109	
27001	7:00p-10:10p	W	Becker C	SAC D-106	Full Semester
26979	7:00p-10:10p	Th	Petri M	SAC D-101	Full Semester
27007	7:00p-10:10p	M	Becker C	SAC D-106	Full Semester
26988	7:00p-10:10p	Tu	Rim K	SAC I-106	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

27010	8:00a-9:25a	MW	Andrade P	SAC D-108	Full Semester
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POLITICAL SCIENCE 200, AMERICAN POLITICAL THOUGHT **3 UNITS**

An inquiry into the major influences that have shaped American political thought. Emphasis is on an historical analysis of political thought contributing to contemporary politics.

27011	9:45a-11:10a	TuTh	Murphy T	SAC D-208	Full Semester
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PSYCHOLOGY

PSYCHOLOGY 100, INTRODUCTION TO PSYCHOLOGY **3 UNITS**

Addresses principles of research, perception, development, learning, motivation, emotion, and abnormal behavior. Emphasizes application of psychological principles to personal adjustment.

27474	TBA		Barbari N	SAC TV	Full Semester
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Section 27474 Telecourse instruction. Go to www.sac.edu/disted for more information.

27448	8:00a-9:25a	TuTh	Pedroza J	SAC D-434	Full Semester
27440	8:00a-9:25a	TuTh	Ortiz F	SAC D-102	Full Semester

Section 27440 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28600 and English 101, Freshman Composition, Section 27327. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information. Section 27440 is designed to focus on Chicano issues. Open to all students.

27441	9:45a-11:10a	MW	Staff	SAC D-101	Full Semester
27451	9:45a-11:10a	TuTh	Pedroza J	SAC D-434	Full Semester
27444	11:30a-12:55p	MW	Ortiz F	SAC D-304	Full Semester
27446	11:30a-12:55p	MW	Pedroza J	SAC D-434	Full Semester

Section 27446 is designed to focus on Asian-American issues. Open to all students.

27465	11:30a-12:55p	TuTh	Pedroza J	SAC I-107	Full Semester
27459	1:15p-2:40p	MW	Ortiz F	SAC D-101	Full Semester
27455	7:00p-10:10p	Tu	Castillo R	SAC D-434	Full Semester
27469	7:00p-10:10p	W	Staff	SAC D-208	Full Semester
27471	7:00p-10:10p	M	Ortiz F	SAC D-434	Full Semester
27453	7:00p-10:10p	Th	Beck K	SAC D-434	Full Semester

PSYCHOLOGY 100H, HONORS INTRODUCTION TO PSYCHOLOGY **3 UNITS**

Seminar-style, content enriched course for honors students exploring the principles of research, perception, development, learning, motivation, emotion, and abnormal behavior. Emphasizes application of psychological principles to personal adjustment. 16 hours arranged (1 hour per week in a 16-week semester).

27476	7:00p-10:10p	Tu	Larson M	SAC D-304	Full Semester
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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.

27477	6:00p-9:10p	Tu	Beck K	SAC I-206	Full Semester
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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.)

30846	9:00a-12:10p	Sa	Castillo R	SAC I-203	Full Semester
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PSYCHOLOGY 200, INTRODUCTION TO BIOLOGICAL PSYCHOLOGY **3 UNITS**

Explores relationships between physiological structures of the body and human behavior. Focuses on the organization and function of the brain, spinal cord, peripheral nervous system, glands, sensory and perceptual systems. Relates physiological functioning to motivated behavior, addiction, and psychological disorders.

27480	8:00a-9:25a	MW	Larson M	SAC D-434	Full Semester
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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.

27482	11:30a-12:20p	TuTh	Ortiz F	SAC D-434	Full Semester
	12:45p-3:55p	Tu	Ortiz F	SAC D-434	
27484	11:30a-12:20p	TuTh	Ortiz F	SAC D-434	Full Semester
	12:45p-3:55p	Th	Ortiz F	SAC D-434	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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PSYCHOLOGY 240, INTRODUCTION TO SOCIAL PSYCHOLOGY **3 UNITS**

An exploration of the interlocking dynamics of psychology and sociology focusing on the impact of social groups on individuals and on other groups. Content includes self-development, interaction, attitudes, conformity, friendship, love, aggression, group dynamics. (Same as Sociology 240.)

Prerequisite: Psychology 100 or Sociology 100.

27488	9:45a-11:10a	MW	Ortiz F	SAC D-303	Full Semester
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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.

27491	9:00a-12:10p	F	Pedroza J	SAC D-434	Full Semester
27493	9:45a-11:10a	MW	Pedroza J	SAC D-434	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. Not applicable to associate degree. This class is recommended for students enrolled in ESL N40B and ESL N49.

27667	11:30a-12:55p	TuTh	Kossler W	SAC D-107	Full Semester
27666	2:30p-3:55p	MW	Kossler W	SAC D-307-1	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. Not applicable to associate degree. This class is recommended for students who need more practice at this level.

30530	11:30a-12:55p	TuTh	Kossler W	SAC D-107	Full Semester
30529	2:30p-3:55p	MW	Kossler W	SAC D-307-1	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. Not applicable to associate degree. Grade: CR/NCR only. This class is recommended for students who have taken Reading N49A or Reading N49B.

27668	11:30a-12:55p	MW	Kossler W	SAC D-214	Full Semester
27670	5:30p-6:55p	TuTh	Kossler W	SAC D-309	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. Not applicable to associate degree. Grade: CR/NCR only. This class is recommended for students who need more practice at this level.

30531	11:30a-12:55p	MW	Kossler W	SAC D-214	Full Semester
30532	5:30p-6:55p	TuTh	Kossler W	SAC D-309	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.

27601	8:00a-9:25a	TuTh	Colunga M	SAC D-307-1	Full Semester
27627	9:45a-11:10a	TuTh	Gilreath G	SAC D-201	Full Semester
27614	9:45a-11:10a	TuTh	Colunga M	SAC D-307-1	Full Semester
27630	9:45a-11:10a	MW	Mc Roberts M	SAC D-307-1	Full Semester
27608	11:30a-12:55p	MW	Colunga M	SAC D-307-1	Full Semester
27598	11:30a-12:55p	TuTh	Gilreath G	SAC L-202	Full Semester
27622	5:30p-6:55p	MW	Staff	SAC D-309	Full Semester
27632	7:00p-10:10p	Th	Madison M	SAC D-309	Full Semester



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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
READING N80B, FUNDAMENTALS OF READING 3 UNITS					
<i>Continued instruction in basic reading skills including techniques for improving vocabulary and spelling, word attack skills, and reading comprehension. Not applicable to associate degree.</i>					
Prerequisite: Reading N80A.					
27604	8:00a-9:25a	Tu Th	Colunga M	SAC D-307-1	Full Semester
27628	9:45a-11:10a	Tu Th	Gilreath G	SAC D-201	Full Semester
27616	9:45a-11:10a	Tu Th	Colunga M	SAC D-307-1	Full Semester
27631	9:45a-11:10a	M W	Mc Roberts M	SAC D-307-1	Full Semester
27610	11:30a-12:55p	M W	Colunga M	SAC D-307-1	Full Semester
27599	11:30a-12:55p	Tu Th	Gilreath G	SAC L-202	Full Semester
27623	5:30p-6:55p	M W	Staff	SAC D-309	Full Semester
27633	7:00p-10:10p	Th	Madison M	SAC D-309	Full Semester

READING N90A, INDIVIDUALIZED READING 3 UNITS					
<i>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).</i>					
27636	8:00a-9:25a	M W	Gilreath G	SAC D-309	Full Semester
27634	8:00a-9:25a	Tu Th	Gilreath G	SAC D-309	Full Semester
27638	9:45a-11:10a	M W	Kossler W	SAC D-309	Full Semester
27663	11:30a-12:55p	Tu Th	Colunga M	SAC D-309	Full Semester
27644	1:00p-4:10p	Tu Th	O Lea J	SAC D-309	04/13-06/03
27655	7:00p-10:10p	Tu	Madison M	SAC D-309	Full Semester
27649	7:00p-10:10p	W	Mundala K	SAC D-309	Full Semester

READING N90B, INDIVIDUALIZED READING 3 UNITS					
<i>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).</i>					
Prerequisite: Reading N90A.					
27637	8:00a-9:25a	M W	Gilreath G	SAC D-309	Full Semester
27635	8:00a-9:25a	Tu Th	Gilreath G	SAC D-309	Full Semester
27639	9:45a-11:10a	M W	Kossler W	SAC D-309	Full Semester
27665	11:30a-12:55p	Tu Th	Colunga M	SAC D-309	Full Semester
27645	1:00p-4:10p	Tu Th	O Lea J	SAC D-309	04/13-06/03
27660	7:00p-10:10p	Tu	Madison M	SAC D-309	Full Semester
27652	7:00p-10:10p	W	Mundala K	SAC D-309	Full Semester

READING 098, ACADEMIC READING IN A SPECIFIC COURSE 1 UNIT					
<i>Introduces a repertoire of reading strategies for the purpose of comprehending a specific college-level textbook. Review of fundamental reading strategies will provide the foundation for the development of vocabulary, thought pattern identification, outlining, interpretation of graphics, and critical analysis of a specific course's textbook(s).</i>					
27675	8:00a-9:10a	M	Colunga M	SAC D-307-1	02/22-05/24
Section 27675 is intended for students enrolled in Fire Technology 121.					

READING 102, ACADEMIC READING 3 UNITS					
<i>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</i>					
27673	9:45a-11:10a	M W	Colunga M	SAC D-109	Full Semester

READING 150, CRITICAL READING 3 UNITS					
<i>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.</i>					
27674	11:30a-12:55p	M W	Gilreath G	SAC D-309	Full Semester
30646	1:00p-2:25p	M W	Gilreath G	SAC D-307-1	Full Semester

SIGN LANGUAGE

SIGN LANGUAGE 110, AMERICAN SIGN LANGUAGE I 3 UNITS					
<i>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.</i>					
30388	9:30a-10:55a	Tu Th	Yingst S	SAC I-201	Full Semester
30387	9:30a-10:55a	M W	Yingst S	SAC I-201	Full Semester
30389	2:30p-3:55p	Tu Th	Larson S	SAC I-201	Full Semester
30390	6:30p-9:40p	W	Ascheman J	SAC I-201	Full Semester
30391	7:00p-10:10p	Th	Yu L	SAC I-201	Full Semester

SIGN LANGUAGE 111, AMERICAN SIGN LANGUAGE II 3 UNITS					
<i>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.</i>					
Prerequisite: Sign Language 110.					
30392	11:00a-12:25p	Tu Th	Yingst S	SAC I-201	Full Semester

SIGN LANGUAGE 116, PERSPECTIVE ON DEAFNESS 3 UNITS					
<i>This is an introductory course exploring the cultural, educational, linguistic and audiological experiences of people who are deaf, hard of hearing, deaf/blind and late-deafened in America. Students will be exposed to historical and current perspectives in trends, philosophies, ideologies, and the deaf community as a subculture of American society.</i>					
30394	7:00p-10:10p	M	Ascheman 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 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 or 140.					
28462	7:00a-9:30a	M W	Vu H	SAC H-108	Full Semester
28479	8:00a-1:20p	Sa	Rivera Junior F	SAC A-213	Full Semester
28472	9:45a-12:15p	Tu Th	Zarske J	SAC H-108	Full Semester
28466	12:00p-2:30p	M W	Anthony M	SAC H-108	Full Semester
28474	12:30p-3:00p	Tu Th	Nguyen D	SAC H-108	Full Semester
28469	5:30p-8:00p	M W	Mc Clure C	SAC H-108	Full Semester
28477	7:45p-10:15p	Tu Th	Pham T	SAC H-108	Full Semester

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>					
27575	TBA		Rogers N	SAC TV	Full Semester
Section 27575 Telecourse instruction plus optional on-campus orientation: Wed, 2/17 5-6pm SAC D-106 OR Sat. 2/20 9-10am SAC R-124. Go to www.sac.edu/disted for more information.					
27568	TBA		Dobos D	SAC WEB	Full Semester
Section 27568 combines on-line instruction and mandatory on campus meetings: Wed, 2/10, 3/10, 4/28, 6/2, 5:00-6:00 p.m., SAC-D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.(dobos_david@sac.edu)					
27562	8:00a-9:25a	M W	Dobos D	SAC D-304	Full Semester
27559	9:00a-12:10p	F	Ellis R	SAC D-103	Full Semester
27566	9:45a-11:10a	M W	Dobos D	SAC D-304	Full Semester
27560	11:30a-12:55p	Tu Th	Dobos D	SAC D-304	Full Semester
27555	6:00p-9:25p	F	Seifert R	SAC C-104	02/19-04/03
	9:00a-12:25p	Sa	Seifert R	SAC C-104	
27552	7:00p-10:10p	W	Seifert R	SAC D-107	Full Semester
27557	7:00p-10:10p	Th	Seifert R	SAC I-206	Full Semester
27572	7:00p-10:10p	W	Valentino S	SAC D-304	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>					
27582	TBA		Rogers N	SAC TV	Full Semester
Section 27582 Telecourse instruction plus optional on-campus orientation: Wed, 2/17 6-7pm SAC D-106 OR Sat. 2/20 10-11am SAC R-124. Go to www.sac.edu/disted for more information.					
27581	TBA		Dobos D	SAC WEB	Full Semester
Section 27581 is WEB only. Go to www.sac.edu/disted for more information. Email instructor first week of class. (dobos_david@sac.edu)					
27578	11:30a-12:55p	M W	Ellis R	SAC D-211	Full Semester

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>					
27585	9:45a-11:10a	Tu Th	Dobos D	SAC D-304	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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SPANISH

SPANISH 101, ELEMENTARY SPANISH I 5 UNITS

Practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading and writing techniques for the expression of ideas orally and in writing. Introduction of Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 101 is equivalent to two years of high school Spanish.

16 lab hours required, one hour per week for 16-week semester.

27594	8:00a-10:30a	MW	Galvan J	SAC D-305	Full Semester
Section 27594 is designed for Spanish speakers. Open to all students.					
27641	8:00a-10:30a	MW	Ibanez Wing M	SAC I-101	Full Semester
27611	9:45a-12:15p	Tu Th	Guerrero-Phlaum M	SAC D-102	Full Semester
27609	11:00a-1:30p	MW	Galvan J	SAC D-305	Full Semester
Section 27609 is designed for Spanish speakers. Open to all students.					
27597	11:00a-1:30p	Tu Th	Lopez-Jaurequi L	SAC D-305	Full Semester
Section 27597 is designed for Spanish speakers. Open to all students.					
27600	1:45p-4:15p	MW	Macias A	SAC D-305	Full Semester
27605	4:15p-6:45p	Tu Th	Macias A	SAC D-303	Full Semester
27592	7:00p-9:30p	MW	Molina Cesario L	SAC D-303	Full Semester
Section 27592 is designed for Spanish speakers. Open to all students.					
27606	7:00p-9:30p	Tu Th	Basabe S	SAC D-109	Full Semester
27603	7:00p-9:30p	MW	Torres J	SAC D-305	Full Semester

SPANISH 102, ELEMENTARY SPANISH II 5 UNITS

A college level Spanish class focusing on further training in language skills providing avenues for the expression of ideas orally and in writing. Additional study of Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 102 is equivalent to the third year of high school Spanish.

Prerequisite: Spanish 101/101H, or two years of high school Spanish and a high school or college GPA of 3.0 or above.

16 lab hours required, one hour per week for 16-week semester.

27647	TBA		Galvan J	SAC TV	Full Semester
Section 27647 Telecourse instruction plus mandatory on campus meetings Tues, 2/9, 3/2, 3/23, 4/27, and 5/25, 4:30-7:00pm, SAC D-106. 16 lab hours required, one hour per week for 16-week semester. Go to www.sac.edu/disted for more information.					
27643	TBA		Guerrero-Phlaum M	SAC WEB	Full Semester
Section 27643 includes online instruction plus mandatory on campus meetings: Fri, 2/19, 3/19, 4/16, 5/14, 6/4, 9:30am-12:00 noon, SAC D-305. Go to www.sac.edu/disted for more information. Email instructor first week of class. (guerrero_martha@sac.edu).					
27621	8:00a-10:30a	MW	Guerrero-Phlaum M	SAC D-208	Full Semester
27615	8:00a-10:30a	Tu Th	Lopez-Jaurequi L	SAC D-305	Full Semester
Section 27615 is designed for Spanish speakers. Open to all students.					
27612	4:15p-6:45p	MW	Labrit G	SAC D-303	Full Semester

SPANISH 102H, HONORS ELEMENTARY SPANISH II 5 UNITS

Further enhanced and intensive training in language skills for the expression of ideas orally and in writing. Additional enriched study of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 102H is equivalent to the third year of high school Spanish.

Prerequisite: Spanish 101/101H, or two years of high school Spanish and a high school or college GPA of 3.0 or above.

16 lab hours required, one hour per week for 16-week semester.

27624	1:00p-3:30p	Tu Th	Guerrero-Phlaum M	SAC I-208	Full Semester
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SPANISH 195A, ADVANCED CONVERSATIONAL SPANISH 3 UNITS

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.

Prerequisite: Spanish 102 or 102H.

27625	8:00a-9:25a	Tu Th	Guerrero-Phlaum M	SAC D-303	Full Semester
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SPANISH 195B, ADVANCED CONVERSATIONAL SPANISH 3 UNITS

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.

Prerequisite: Spanish 195A.

27629	8:00a-9:25a	Tu Th	Guerrero-Phlaum M	SAC D-303	Full Semester
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SPANISH 202, INTERMEDIATE SPANISH II 5 UNITS

A college level Spanish class focusing on expansive review of usage and grammar; discussions in Spanish of interpretive reading materials; conversation and composition.

Prerequisite: Spanish 201 or 201H or four years of high school Spanish with a grade of C or better.

27640	11:00a-1:30p	MW	Lopez-Jaurequi L	SAC I-107	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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SPECIAL SERVICES

SPECIAL SERVICES N44, READING DEVELOPMENT FOR THE DEAF 0.5 - 3 UNITS

Reading comprehension development for the deaf or hard of hearing students. Includes assessment of current skills and the development of an individualized program of study with the goal of enrolling in the college upon completion of enrolling in the College's reading course sequence. Not applicable to associate degree.

Open Entry / Open Exit					
30930	2:00p-3:25p	MW	Larson S	SAC I-201	Full Semester

SPECIAL SERVICES N50A, ENGLISH FOR THE DEAF 0.5 - 3 UNITS

Language function and composition for the deaf or hard of hearing student. Includes assessment of current skills and development of an individualized program of study with the goal of enrolling in the college English course sequence. Student must submit proof of audiologically verifiable hearing loss. Not applicable to associate degree.

Open Entry / Open Exit					
30917	2:00p-3:25p	MW	Larson S	SAC I-201	Full Semester

SPECIAL SERVICES N50B, ENGLISH FOR THE DEAF 0.5 - 3 UNITS

Mechanics of the English language and composition for the deaf or hard of hearing student as they prepare to place into college level English courses. Includes continuing improvement of English comprehension skills and grammar in increasingly complex sentence structures, writing skills, vocabulary development and disability related issues. Student must submit proof of audiologically verifiable hearing loss. Not applicable to associate degree.

Open Entry / Open Exit					
30925	2:00p-3:25p	MW	Larson S	SAC I-201	Full Semester

SPECIAL SERVICES N57, ACQUIRED BRAIN IMPAIRMENT LANGUAGE 0.5 - 1 UNITS

Individualized/small group instruction for students with cognitive/language problems from stroke or head trauma. See instructor to arrange schedule. Not applicable to associate degree. (Same as Speech Communication N57).

Open Entry / Open Exit					
30933	TBA		Miller R	SAC M-105	Full Semester

SPECIAL SERVICES N62, ASSESSMENT OF LEARNING POTENTIAL 0.2 UNIT

Designed to assess the learning potential, learning deficits and basic skill levels of students referred to the Learning Disabilities Program. Not applicable to associate degree.

Open Entry / Open Exit					
30934	TBA		Kobane M	SAC U-103	Full Semester
31023	TBA		Choo B	SAC U-103	Full Semester

SPECIAL SERVICES N63, ADVANCES IN LEARNING POTENTIAL 0.2 - 1.8 UNITS

Designed to improve learning efficiency through monitoring academic programs, teaching organizational and learning strategies, and providing specialized tutoring. Student must have a verifiable disability. Not applicable to associate degree.

Open Entry / Open Exit					
31035	TBA		Kobane M	SAC U-103	Full Semester
31025	TBA		Choo B	SAC U-103	Full Semester

SPECIAL SERVICES N83, CAREER EXPLORATION 0.5 UNIT

Designed to assist students in exploration of appropriate career areas. Includes vocational assessment, self-awareness, goal setting, job market outlook, individualized task analysis of jobs, career planning and job search techniques. Open to students with disabilities in the WorkAbility Program. Not applicable to Associates of Arts and Science degrees.

Open Entry / Open Exit					
31027	TBA		Morris-Pfyl S	SAC L-225	Full Semester

SPECIAL SERVICES N84, EMPLOYMENT PREPARATION 0.5 - 3 UNITS

A comprehensive course designed to prepare students for the transition between school and employment. Includes identifying appropriate job/career goals, assessing personal strengths, developing skills to obtain employment such as resume writing and interviewing, and utilizing SCAN competencies for employment retention and advancement. Arranged schedule.

Open Entry / Open Exit					
30868	TBA		Waller L	SAC L-225	Full Semester

SPECIAL SERVICES N92, ASSISTIVE COMPUTER TECHNOLOGY 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					
31028	TBA		Dutton Jr D	SAC U-103	Full Semester

SPECIAL SERVICES 205, EXCEPTIONALITY AND SPECIAL NEEDS IN HUMAN 3 UNITS

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

30995	11:30a-12:55p	MW	Pugh J	SAC B-33	Full Semester
Same as Human Development 205, Section 30994.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

26649	9:30a-10:55a	Tu Th	Huebsch M	SAC I-209	Full Semester
26650	7:00p-10:10p	M	Thornton J	SAC C-214	Full Semester

SPEECH COMMUNICATION N50, PRONUNCIATION SKILLS LABORATORY 0.5 - 1 UNITS

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					
26597	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.

26604	8:00a-9:25a	Tu Th	Huebsch M	SAC I-103	Full Semester
26630	9:30a-10:55a	M W	Huebsch M	SAC I-103	Full Semester

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.

26640	8:00a-9:25a	M W	Huebsch M	SAC I-103	Full Semester
26603	9:00a-12:10p	F	Winkle K	SAC I-103	Full Semester

SPEECH COMMUNICATION N54, ACCENT REDUCTION 0.5 - 1 UNITS

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					
26641	TBA		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.

26645	11:15a-12:40p	M W	Huebsch M	SAC I-103	Full Semester
26647	7:00p-10:10p	W	Watkins M	SAC C-207	Full Semester

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.

27693	TBA		Strong K	SAC WEB	Full Semester
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Section 27693 Online instruction plus mandatory on campus meetings: 5/17, 5/19, 5/26, 2-3:50pm, SAC C-202. Go to www.sac.edu/disted for more information.

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

27678	6:30a-7:55a	M W	Lockwood L	SAC C-214	Full Semester
27273	8:00a-9:25a	Tu Th	Morris M	SAC C-202	Full Semester
27274	9:00a-12:10p	F	Harris M	SAC C-213	Full Semester
27683	9:00a-12:10p	Sa	Harris M	SAC C-213	Full Semester
27278	9:30a-10:55a	M W	Moorhead C	SAC C-202	Full Semester
27646	9:30a-10:55a	Tu Th	Morris M	SAC C-202	Full Semester
27676	9:30a-10:55a	Tu Th	Fondren S	SAC I-103	Full Semester
27651	11:00a-12:25p	M W	Moorhead C	SAC C-214	Full Semester
27251	11:00a-12:25p	M W	Hondo K	SAC C-202	Full Semester
27246	12:30p-1:55p	Tu Th	Hondo K	SAC C-213	Full Semester
27648	12:30p-1:55p	M W	Hondo K	SAC C-202	Full Semester
27642	2:00p-5:10p	Tu	Lockwood L	SAC C-213	Full Semester
27680	3:45p-6:55p	W	Fondren S	SAC I-103	Full Semester
27677	3:45p-6:55p	M	Holder V	SAC C-213	Full Semester
27681	6:15p-9:25p	F	Habel L	SAC C-214	Full Semester
27277	7:00p-10:10p	M	Holder V	SAC C-202	Full Semester
27244	7:00p-10:10p	Th	Mc Pherson D	SAC C-213	Full Semester
27682	7:00p-10:10p	Tu	Brown H	SAC C-214	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

27861	8:00a-9:25a	Tu Th	Brown L	SAC C-214	Full Semester
28886	8:00a-9:25a	Tu Th	Dowlatshahi K	SAC C-207	Full Semester
28921	8:00a-12:15p	F	Johnson J	SAC C-202	03/12-06/04
28881	8:00a-9:25a	M W	Brown L	SAC C-213	Full Semester
28910	9:30a-10:55a	Tu Th	Brown L	SAC C-214	Full Semester
27702	9:30a-10:55a	Tu Th	Hondo K	SAC C-213	Full Semester

Section 27702 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 28613 and English 061, Introduction to Composition, Section 27306. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

27704	9:30a-10:55a	M W	Brown L	SAC C-213	Full Semester
27859	11:00a-12:25p	Tu Th	Fondren S	SAC I-103	Full Semester
28876	11:00a-12:25p	Tu Th	Hondo K	SAC C-213	Full Semester
28899	11:00a-12:25p	M W	Brown L	SAC C-213	Full Semester
27707	12:30p-3:40p	M W	Moorhead C	SAC C-213	04/12-06/02
28903	1:00p-2:25p	M W	Morris M	SAC C-214	Full Semester
29004	2:00p-5:10p	Th	Lockwood L	SAC C-213	Full Semester
28917	3:45p-6:55p	M	Morris M	SAC C-207	Full Semester
28866	3:45p-6:55p	Tu	Holder V	SAC C-207	Full Semester
27832	6:00p-10:15p	F	Holder V	SAC C-207	02/19-03/27
	9:00a-1:15p	Sa	Holder V	SAC C-207	
28894	7:00p-10:10p	M	Fondren S	SAC I-103	Full Semester
27860	7:00p-10:10p	Th	Dinger M	SAC C-202	Full Semester

SPEECH COMMUNICATION 103, INTRODUCTION TO INTERCULTURAL COMMUNICATION 3 UNITS

A general view of the sociological, psychological, and communication patterns of major 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.

30624	TBA		Strong K	SAC WEB	Full Semester
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Section 30624 Online instruction plus mandatory on campus meetings: 5/17, 5/19, 5/26, 4-5:20pm, SAC C-214. Go to www.sac.edu/disted for more information. Email instructor first week of class. (strong_kevin@sac.edu)

29071 7:00p-10:10p W Holder V SAC C-202 Full Semester

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.

29076	8:00a-9:25a	M W	Lockwood L	SAC C-214	Full Semester
29087	9:30a-10:55a	M W	Lockwood L	SAC C-214	Full Semester
29079	12:30p-1:55p	Tu Th	Lockwood L	SAC C-214	Full Semester
29074	7:00p-10:10p	W	Brown H	SAC C-214	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.

29088	9:30a-10:55a	Tu Th	Dowlatshahi K	SAC A-205	Full Semester
27690	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.

30625	7:00p-10:10p	Tu	Holder V	SAC C-213	Full Semester
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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.

30395	6:00p-6:55p	Tu	Porter M	SAC I-102	Full Semester
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SPEECH-LANGUAGE PATHOLOGY ASSISTANT PROGRAM (SLPA) A NEW 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 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.

30398	7:00p-9:05p	Tu	Porter M	SAC I-102	Full Semester
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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.

30399	5:00p-5:55p	M	Porter M	SAC B-18	Full Semester
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(Mandatory orientation meetings on Feb 8, Mar 8, Apr 12, May 24)

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.

30400	6:00p-9:10p	M	Greenhalgh P	SAC B-21	Full Semester
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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.

30401	6:00p-8:05p	Tu	Greenhalgh P	SAC B-21	Full Semester
	6:00p-9:10p	Th	Greenhalgh P	SAC B-21	

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.

31038	5:00p-5:55p	W	Auzenne L	SAC I-102	Full Semester
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(Mandatory orientation meetings on Feb 10, Mar 24, Apr 28, Jun 2)

SPEECH LANGUAGE PATHOLOGY ASSISTANT 200, ADULT AND GERIATRIC COMMUNICATION DISORDERS 3 UNITS

Speech, language, and hearing disorders experienced by the adult and geriatric populations. Assessment tools and treatment strategies used to treat acquired disorders such as adult aphasia, dysarthria, and hearing loss.

30406	6:00p-9:10p	M	Swingle J	SAC I-101	Full Semester
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TUTORIAL LEARNING CENTER

The SAC Tutorial Learning Center offers FREE tutoring to students taking courses through RSCCD. The Center, located in U-103, 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-103. Investigate the TLC today to see how it can benefit you!

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.

31043	5:00p-5:55p	Tu	Porter M	SAC I-102	Full Semester
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(Mandatory orientation meetings on Feb 9, Mar 23, Apr 27, Jun 1)

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.

30381	9:30a-10:25a	F	Coffman J	SAC I-106	Full Semester
30383	11:00a-11:55a	F	Coffman J	SAC I-106	Full Semester
30382	1:00p-3:05p	Tu	Nguyen M	SAC L-202	02/09-03/30
30384	1:00p-3:05p	Tu	Nguyen M	SAC L-202	04/13-06/01

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

30385	TBA		Conner M	SAC U-202	Full Semester
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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.

30380	TBA		Norwood J	SAC WEB	Full Semester
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Section 30380 Students must attend one of the following orientations: Mon, Feb 8, 6-7pm or Tues, Feb 9, 1:30-2:30pm, SAC L-225. Go to www.sac.edu/disted for more information.

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

30376	9:30a-10:55a	Tu Th	Sanchez G	SAC B-30	Full Semester
30377	11:00a-12:25p	Tu Th	Sanchez G	SAC B-30	Full Semester
30378	1:00p-2:25p	Tu Th	Sanchez G	SAC B-30	Full Semester
30379	6:00p-9:10p	M	Conner M	SAC I-207	Full Semester

TELEVISION/VIDEO COMMUNICATIONS

TELEVISION/VIDEO COMMUNICATIONS 009, TELEVISION/VIDEO COMMUNICATIONS LABORATORY 0.5 - 3 UNITS

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 and more advanced assignments each semester. 24 hours earn 0.5 unit, 48 - 1 unit, 96 - 2 units, 144 - 3 units.

Open Entry / Open Exit

28880	TBA		Schultz R	DMC-135	Full Semester
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TELEVISION/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.

28893	11:00a-12:25p	M W	Bales T	SAC A-210	Full Semester
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TELEVISION/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).

28914	1:00p-4:10p	W	Bales T	SAC A-210	Full Semester
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TELEVISION/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.

28933	9:30a-10:55a	M W	Bales T	SAC A-210	Full Semester
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TELEVISION/VIDEO COMMUNICATIONS 105H, HONORS MASS MEDIA AND SOCIETY 3 UNITS

Enriched honors course of intensive exploration of historical impact and current influence of Mass Media (newspapers, TV, Internet, etc.). Uses critical thinking skills in seminar-setting to assess media's role in society.

28936	9:30a-10:55a	M W	Bales T	SAC A-210	Full Semester
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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, February 9 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.

TELEVISION/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.

28940 9:00a-10:55a Tu Th Schultz R DMC-135 Full Semester

TELEVISION/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.

28957 7:00p-10:10p M Schultz R DMC-204 Full Semester
See instructor for schedule of arranged hours

TELEVISION/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.

28967 7:00p-10:10p W Schultz R DMC-135 Full Semester

TELEVISION/VIDEO COMMUNICATIONS 115B, ADVANCED SINGLE-CAMERA PRODUCTION AND EDITING 3 UNITS

Continued development of knowledge and skills in single-camera production technology and practices. Emphasis on professional production standards and technical advancements in digital and High Definition TV. Individual assignments vary in subsequent semesters. Prior or concurrent enrollment in Television/Video Communications 110 and 112 recommended.

Prerequisite: Television/Video Communications 120.

28969 7:00p-10:10p W Schultz R DMC-135 Full Semester
3 hours arranged per week

TELEVISION/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.)

29139 11:00a-1:30p Tu Th Bales T DMC-135 Full Semester

TELEVISION/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.

29145 11:00a-1:30p Tu Th Bales T DMC-135 Full Semester
4 hours arranged each week

TELEVISION/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.

29146 11:00a-1:30p Tu Th Bales T DMC-135 Full Semester
4 hours arranged each week

TELEVISION/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.

29147 11:00a-1:30p Tu Th Bales T DMC-135 Full Semester
4 hours arranged each week

TELEVISION/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.

29148 11:00a-1:30p Tu Th Bales T DMC-135 Full Semester
4 hours arranged each week

TELEVISION/VIDEO COMMUNICATIONS 260, LIGHTING SYSTEMS AND TECHNIQUES FOR TV/VIDEO 1.5 UNITS

Study of television lighting systems and techniques used in studio and location production environments. Includes hands-on training and overview of instruments, light control and electrical power requirements. Prior or concurrent enrollment in Television/Video Communications 110 recommended.

29149 7:00p-10:10p Th Coleman J DMC-135 Full Semester

TELEVISION/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

28905 11:00a-12:25p M W Bales T SAC A-210 Full Semester

See instructor for further information

28971 7:00p-10:10p W Schultz R DMC-135 Full Semester

See instructor for further information

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.

30588 TBA Tivenan V SAC WEB Full Semester
Section 30588 Go to www.sac.edu/disted for more information.
Email instructor first week of class. (tivenan_valinda@sac.edu)

28870 TBA Tivenan V SAC WEB Full Semester
Section 28870 Go to www.sac.edu/disted for more information.
Email instructor first week of class. (tivenan_valinda@sac.edu)

28861 9:30a-10:55a M W Sebelius A SAC P-105 Full Semester

THEATRE ARTS 104, HISTORY OF FILM FROM 1945 TO PRESENT 3 UNITS

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).

28918 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 the student with theory and practical experience with varied characterizations. Emphasizes individual growth and acquired skills necessary to the acting craft.

28872 6:00p-10:00p M Donchey S SAC P-105 Full Semester

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.

28904 6:00p-10:00p M Donchey S SAC P-105 Full Semester

THEATRE ARTS 118, FUNDAMENTALS OF SCENE STUDY 2 UNITS

A continued study for the beginning actor in the preparation and presentation of scenes from contemporary drama. Students prepare scenes with partners for performance and critique. Recommended for acting majors.

Prerequisite: Theatre Arts 110.

28909 6:00p-10:00p M Donchey S SAC P-105 Full Semester

THEATRE ARTS 135, TECHNICAL PRODUCTION 1 UNIT

Supervised instruction and practical application in techniques of technical theatre production. Each repetition presents more advanced material.

28992 TBA Tivenan V SAC P-105 04/12-06/06

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
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THEATRE ARTS 150, THEATRE PRODUCTION 1 UNIT

Intensive rehearsal experience leading to long-run performance in major departmental productions. Preparation for repertory theatre production experience.
30797 TBA Donchey S SAC P-105 Full Semester
Audition required.

THEATRE ARTS 166A, PROGRAMMING AND DESIGN PROJECTS 1 UNIT

Exploration of automated lighting through hands-on utilization of control consoles. Students develop programming, control, and design skills to improve their overall understanding of automated lighting techniques while gaining practical experience.
28970 TBA Tivenan V SAC WEB 02/22-03/12
Secton 28970 Online instruction begins Feb 22 plus mandatory on campus arranged lab hours in P-100. Go to www.sac.edu/disted for more information.

THEATRE ARTS 166B, ADVANCED PROGRAMMING AND DESIGN PROJECTS 1 UNIT

Continued exploration of automated lighting through a hands-on utilization of control consoles. Students develop additional design expertise and increase their proficiency in the utilization of automated lights through practical experience.
28983 TBA Tivenan V SAC WEB 02/22-03/12
Section 28983 Online instruction begins Feb 22 plus mandatory on campus arranged lab hours in P-100. Go to www.sac.edu/disted for more information.

THEATRE ARTS 167, SETUP FOR INTELLIGENT LIGHTING 1 UNIT

Study of the practical considerations for using intelligent lighting equipment. Included topics are safety precautions, setup and operational procedures, control panel functions, basic service and maintenance techniques.
28968 TBA Staff SAC WEB 02/22-03/14
Section 28968 Online instruction begins Feb 22 with on campus lab meetings March 13 & 14, 8am-4pm, SAC P-100. Go to www.sac.edu/disted for more information.

THEATRE ARTS 198, THEATRE ARTS SHOWCASE 3 UNITS

Performance based class focused on acting for the stage in a variety of public project showings. Rehearsal and performance hours arranged.
Prerequisite: Theatre Arts 110 or by audition.
31042 11:15a-1:20p M W Donchey S SAC P-105 Full Semester

THEATRE ARTS 199, INDEPENDENT STUDIES 1 UNIT

Student pursues specific project under faculty supervision. May be repeated for a maximum of 3 units.
28991 TBA Donchey S SAC 03/22-06/04

THEATRE ARTS 235, ADVANCED TECHNICAL PRODUCTION 1 UNIT

Supervised practical application of and instruction in advanced technical theatre production. Students work on more advanced levels of application than in Theatre Arts 135. Each semester presents more advanced material.
Prerequisite: Theatre Arts 135.
28994 TBA Tivenan V SAC P-105 04/12-06/04

THEATRE ARTS 250, ADVANCED THEATRE PRODUCTION 1 UNIT

Intensive rehearsal experience at an advanced level leading to long-run performance in major departmental productions. Preparation for repertory theatre production experience.
Prerequisite: Theatre Arts 150. Audition.
30798 TBA Donchey S SAC P-105 Full Semester
Audition required prior to enrollment

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.

16 lab hours required, one hour per week for 16-week semester.

W W	27112	6:00p-8:30p	F	Tran D	SAC A-211	Full Semester
		9:00a-11:30a	Sa	Tran D	SAC A-211	
	27111	7:00p-9:30p	M W	Le V	SAC D-214	Full Semester

VIETNAMESE 102, ELEMENTARY VIETNAMESE II 5 UNITS

Continuation of Vietnamese 101. 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.
Prerequisite: Vietnamese 101.

16 lab hours required, one hour per week for 16-week semester.

	27113	7:00p-9:30p	Tu Th	Vo V	SAC D-302	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.)
29840 8:00a-11:30a Tu Th Moreno G SAC K-101 Full Semester
29848 6:00p-9:30p M W Moreno G SAC K-101 Full Semester
29843 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.
29852 12:15p-1:10p Tu Moreno G SAC K-101 Full Semester
29851 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.
29853 8:30a-12:05p Tu Th Moreno G SAC K-101 Full Semester
29846 6:30p-10:05p Tu Th Moreno G SAC K-101 Full Semester
29855 6:30p-10:05p M W 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.
29854 8:30a-12:05p Tu Th Moreno G SAC K-101 Full Semester
29847 6:30p-10:05p Tu Th Moreno G SAC K-101 Full Semester
29856 6:30p-10:05p M W Moreno G SAC K-101 Full Semester

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.
27662 9:45a-11:10a Tu Th Davis J SAC D-106 Full Semester
27664 7:00p-10:10p Th Davis J SAC C-214 Full Semester

Academic Planning Questions?
www.sac.edu/online_counseling

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 2/20/10 only

REGISTRATION HOURS

December 1, 2009–February 6, 2010

located on second floor of Johnson Campus Center, U-201*

* Prior to 2/1/10, 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–Tuesday	9:30 am to 7:00 pm
Wednesday–Thursday	8:00 am to 5:00 pm
Friday	8:00 am to Noon

Pay fees by phone **714-564-6400**

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 2/20/10 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-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. EdUPlay, a new extended service will be offered at SAC evenings, weekends, and during some college breaks – a fun educational program will cater to children up to age 11.

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.

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

TTY (Telecommunications Device For The Deaf)714-564-6347

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 AND SERVICES

SAC Johnson Center, Room U-107714-564-6283

TTY/TDD (Telecommunications Device For The Deaf).....714-564-6284

Sign language, note taking supplies, assistive listening devices and tutors 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 Administration Building, Room L-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-103714-564-6260
(Hours: Mon-Wed 9am-7pm, Thur 9am-5pm, Fri & Sat 9am-1pm)

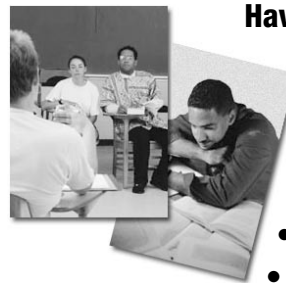
Free tutoring in a wide variety of subject areas is available at the Tutorial Learning Center. Call or visit the Center to schedule your appointment today. Services include tutoring, group study sessions, exam reviews and study skills information. Make the most of your educational experience at SAC by checking out this valuable resource.

VETERANS SERVICES

SAC Administration Building, Room U-221.....714-564-6242
(Hours: Mon 9am-6pm, Tue-Thur 9am-5pm, Fri 9am-12pm)

RSCCD offers services to Veterans with a refresher program that starts at any time, over 110 Associate Degree programs, job placement, financial aid, counseling, tutoring, and Learning Center services. Visit the Veterans Center in the east wing of the Administration building or call to find out the requirements and benefits for programs to which you may be entitled.

SPRING 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**, **Corequisite**, or **Advisory Reading Level** 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 63.

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 — 2009-2010

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, 150
 - 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 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
Interdisciplinary Studies 111
Mathematics 080, 105, 140, 145, 150, 160, 170, 180 or 180H, 185, 219 or 219H, 270, 275, 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, 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, 150, 155, 156, 158, 160
E.S. Aquatics 201, 204
E.S. Fitness 100, 101, 102, 105, 108, 109, 110, 115, 116, 119, 120, 145, 147
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
E.S. Off-Season Activities 130, 169, 226, 230, 261, 262, 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 Santa Ana 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 or any other 3 unit mathematics course numbered above the level of 080 **OR**
2. Score on the SAC/SCC mathematics placement test indicating placement in a mathematics course numbered above the level of 080.

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.

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.

SANTA ANA COLLEGE RATES OF STUDENT PROGRESS

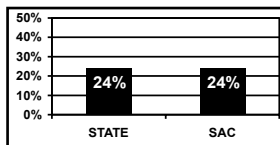
• STUDENT RIGHT-TO-KNOW ACT

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

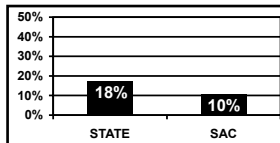
STATE	24%
SAC	24%



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.



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 ...

GENERAL EDUCATION BREADTH REQUIREMENTS FOR THE CALIFORNIA STATE UNIVERSITY (CSU)

Plan B: 2009–2010 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 2009 and are valid through Summer 2010.

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
Interdisciplinary Studies 111
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, 140
Chemistry **109, 119, 209, 210, 219 or 219H**
Earth Science 110 or 110H, **115, 150 or 150H**
Environmental Studies 140
Geography 101, **101L**
Geology 101, **101L, 140, 150 or 150H, 201**
Physical Science **115, 117, 118**
Physics **109, 210, 211, 217, 279**

B2: Life Science

Anthropology 101, **101L**
Biology 109 or 109H, **109L, 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**

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, 279
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
Spanish 101 or 101H, 102 or 102H, 195A, 195B, 201 or 201H, 202 or 202H
Sign Language 110, 111, 112, 116
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 disciplines.

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



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, 150, 151, 153
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

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** 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, 127, 130, 132, 140, 150, 155, 160, 169, 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, 205, 206, 209
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: 2009–2010 Santa Ana College

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 teaching the course. 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 2009 and are valid through Summer 2010.

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 3 units)

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 3 units)

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**, 138; 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 (3 units)

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 109(L)**, 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 (3 units)

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***;

Planning to Transfer?

www.assist.org

Your official source for
California articulation
and student
transfer information.



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 an American Institutions graduation requirement that is separate from IGETC. Courses used to meet the CSU requirement **can** also be used in Area 3 or 4. 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 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 Spring 2010

Sponsored by Associated Student Government (ASG) and Inter-Club Council (ICC) of Santa Ana College

JANUARY

**ASG APPLICATIONS AVAILABLE
BLACK HISTORY MONTH
LUNAR NEW YEAR**

FEBRUARY

**WELCOME BACK EVENTS
CLUB RUSH
NATIONAL CONDOM AWARENESS MONTH**

MARCH

**WOMEN'S HISTORY MONTH
2009-2010 ASG APPLICATIONS AVAILABLE
KINDERCAMINATA**

APRIL

**SPRING RECESS
2009-2010 ASG ELECTIONS
BLOOD DRIVE
INTERNATIONAL STUDENTS SPRING BALL
EARTH WEEK**

MAY

**CINCO DE MAYO
SCHOLARSHIP AWARDS CEREMONY**

JUNE

**FINALS EVENT
COMMENCEMENT**

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 SPRING 2010 CLASS SCHEDULE FREE CLASSES! ENROLL NOW!

SEMESTER BEGINS JANUARY 11

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

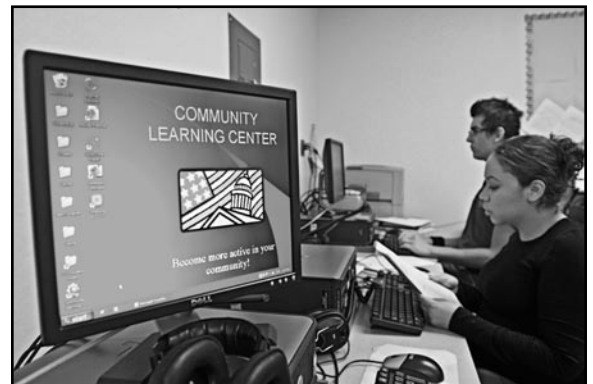
Classes Start January 11! Enroll Today!



CENTENNIAL EDUCATION CENTER

2900 W. Edinger, Santa Ana CA 92704

714-241-5700



SPRING SEMESTER 2010

Registration Begins December 28
 Instruction Begins January 11
 King's Birthday (holiday) January 18
 Lincoln's Birthday (holiday)... February 12-13
 Presidents' Day (holiday) February 15
 Cesar Chavez (holiday) March 31
 Spring Break April 5-10
 Memorial Day (holiday) May 31
 Commencement May 27
 Instruction Ends May 28

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
- B1** Middle College High School
- C** Fine Arts / Art Gallery
- D** Dunlap Hall / Amphitheatre (west of bldg.)
- E** Fitness Center



BRISTOL MARKETPLACE SHOPPING CENTER

(Tobacco use permitted in parking lots only.)

- F** Locker Rooms
- G** Cook Gym
- H** Hammond Hall
- I** Classroom Building
- J** Auto Shop / Quick Center
- K** Welding / Auto Diesel
- L** Nealley Library/ntenance
- 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 StudentsProgram
- V** Child Development Center
- W** Exercise Science
- X** Security / Safety
- Z** Maintenance

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)