

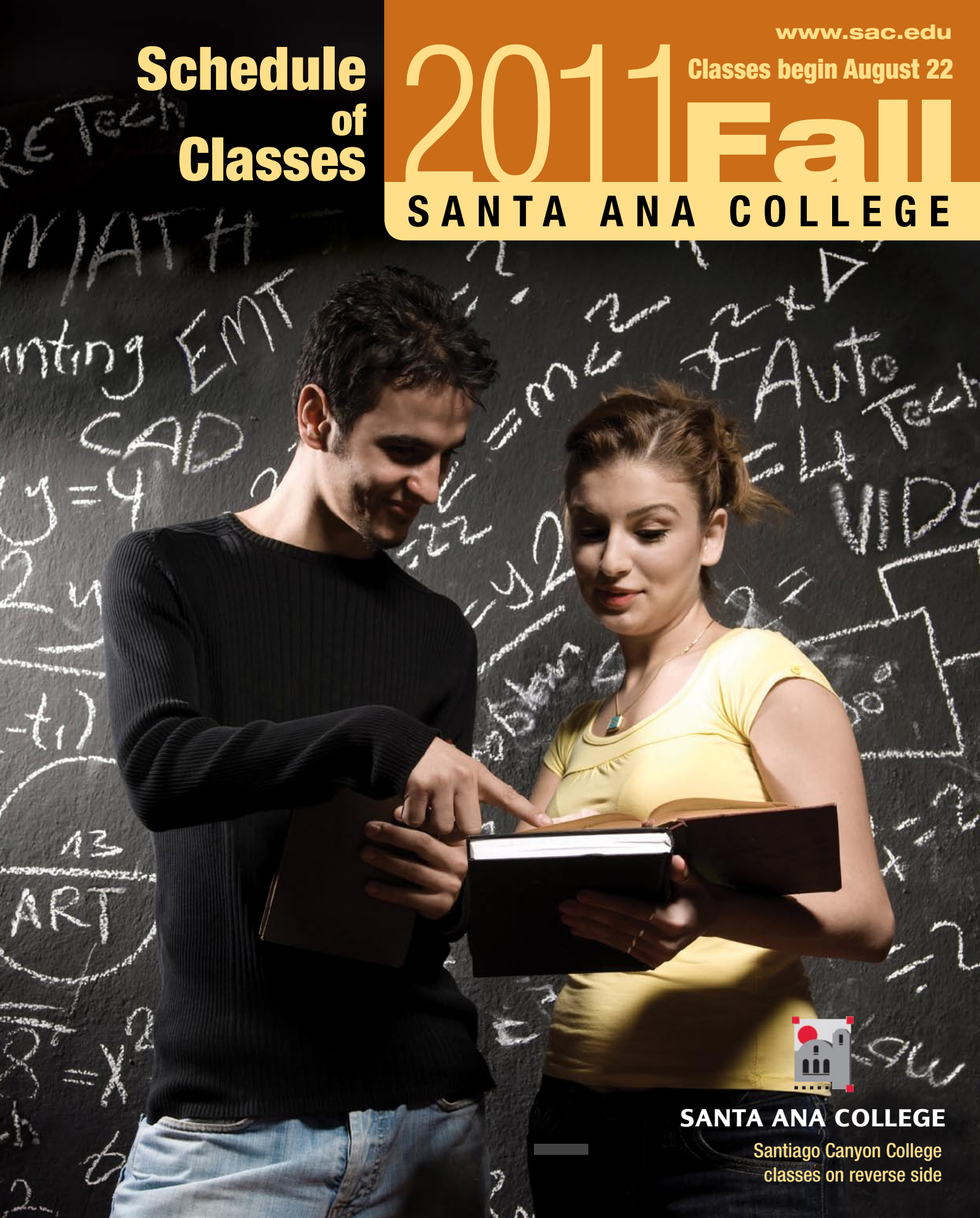
Schedule of Classes

www.sac.edu

Classes begin August 22

2011 Fall

SANTA ANA COLLEGE



SANTA ANA COLLEGE

Santiago Canyon College
classes on reverse side



Erlinda J. Martinez, Ed.D.

MESSAGE FROM THE PRESIDENT

Dear Students:

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

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

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

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

See you around campus!

Erlinda J. Martinez, Ed.D.

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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 \$30.00 in Room U-201, Johnson Center at Santa Ana College, as well as in the Cashier's Office at Santiago Canyon College. The purchase of your permit funds parking services and vehicle security when parked on campus.

REFUND OF PARKING FEE

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

PARKING LOT DISCLAIMER

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

CAUTION!

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

SANTA ANA COLLEGE MISSION STATEMENT

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

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Santa Ana College

FALL 2011 COLLEGE CREDIT (August 22 – December 11, 2011)

CLASS SCHEDULE

ADMISSIONS HOURS (see page 72 for Registration hours)

Monday – Thursday.....8:00 am – 6:45 pm	The college is closed December 19, 2011
Friday.....8:00 am – 4:30 pm	through January 2, 2012
Saturday (August 27 only)8:30 am – 12:30 pm	❖ Office hours subject to change

REGISTRATION CALENDAR

July 11 – August 20, 2011.....	Online registration for CONTINUING students
August 2 – August 20, 2011.....	New and returning students view your registration appointment online.
August 16 – August 20, 2011.....	CAP (concurrent K–12) students register online
August 22 – October 15, 2011.....	Registration for late-starting classes continues online

INSTRUCTIONAL CALENDAR

August 22, 2011.....	Instruction begins for Fall classes (full semester) and first GR8 Weeks session
October 17, 2011.....	Second GR8 Weeks classes begin
December 5–11, 2011.....	Final Exams Week

CLASS ADD OR DROP DEADLINES

September 2, 2011.....	Last date to add a class with instructor signature or add code
September 4, 2011.....	Last date to drop a full-semester class and not owe fees Not full-semester courses = 10% of the course – Please refer to the section information via WebAdvisor for a specific section date
September 5, 2011.....	Last date to drop a full-semester class and NOT receive a “W” grade Not full-semester courses = 10% of the course – Please refer to the section information via WebAdvisor for a specific section date
October 21, 2011.....	Last date to add a second GR8 Weeks class with instructor signature or add code
November 13, 2011.....	Last date to drop a full-semester class with a “W” grade Not full-semester courses = 75% of the course – Please refer to the section information via WebAdvisor for a specific section date

ACADEMIC FORM DEADLINES

September 6, 2011.....	Last date to file pass/no pass for first GR8 Weeks classes
September 23, 2011.....	Last date to file pass/no pass for full-semester classes
October 21, 2011.....	Last date to petition for CSU and IGETC
October 21, 2011.....	Last date to petition for December certificates
October 21, 2011.....	Last date to petition for December graduation
October 31, 2011.....	Last date to file pass/no pass for second GR8 Weeks classes

HOLIDAY CALENDAR

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

September 5, 2011.....	Labor Day (Monday)
November 11, 2011.....	Veteran’s Day (Friday)
November 24–27, 2011.....	Thanksgiving Day (Thursday-Sunday)
December 19–31, 2011.....	Holiday Break
January 1, 2012.....	New Year’s Day (Sunday)
January 2, 2012.....	New Year’s Day Observed (Monday)

WE'RE HERE TO HELP . . .

Answers to your questions about

- **Santa Ana College (www.sac.edu)**
- **Rancho Santiago Community College District (www.rscdd.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	714-564-6005
Admissions	Mark Liang	SAC, Administration Building, S-101	714-564-6005
American Sign Language	Monica Collins	SAC, Johnson Campus Center, U-107	(TDD 714-564-6284) 714-564-6283
AmeriCorps Foster Youth Mentoring Project		SAC, Johnson Campus Center, U-121A	714-564-6324
Articulation—High Schools/ROPS		SAC, Russell Hall, R-107	714-564-6224
Articulation—Universities	Paula Canzona	SAC, Administration Building, S-107-2	714-564-6088
Assistive Technology Center	Don Dutton	SAC, Johnson Campus Center, U-103	714-564-6260
Athletics	Avie Bridges	SAC, Exercise Science Building, W-102	714-564-6900
Bookstore	Bookstore Staff	SAC, Johnson Campus Center	714-564-6435
Business and Entrepreneurship Center	Maricela Sandoval	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-564-5533
Business and Entrepreneurship Centers Statewide	Michael Roessler	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	916-361-2964
California-Mexico Trade Assistance Center	Enrique Perez	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-564-5414
CalWORKs		SAC, Johnson Campus Center, U-101	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 for International Trade Development	Wendy Bruget	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706, Room 328	714-564-5414 or 5415
Child Development Services	Dee Tucker	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7546
<i>Santa Ana College</i>	Veronica MacKenney	SAC, Child Development Center, 1730 W. 17th St., Santa Ana	714-564-6894
<i>Santa Ana College East Campus</i>	Maria Castellon	1510 N. Parton, Santa Ana	714-564-6952
<i>Centennial Education Center</i>	Enriqueta Isais	CEC, 2900 W. Edinger, Santa Ana	714-241-5739
<i>Early Head Start</i>	Debbie McBee	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7544
Clubs/Organizations	Linda Morrow	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, CEC		CEC, 2900 W. Edinger, Santa Ana	714-241-5700
Cooperative Work Experience	Allen Dooley	SAC, Cesar Chavez Building, A-103	714-564-6750
Corporate Training Institute	Ruth Cossio-Muniz	RSCCD, 2323 N. Broadway, Rm. 328, Santa Ana, CA 92706	714-564-5521
Counseling	SAC Counseling Center Staff	SAC, Administration Building, S-112	714-564-6100
Criminal Justice, OC Sheriff's Regional Training Academy, John Finch		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		DMC, 1300 S. Bristol Street, Santa Ana, CA 92708	714-241-5812
Disabled Student Programs and Services (see page 73)	Jane Mathis	SAC, Johnson Campus Center, U-103	714-564-6260
Distance Education (Online Classes)	Cherylee Kushida	SAC, Cesar Chavez Building, A-101	714-564-6725
DISTRICT SAFETY AND SECURITY		RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7331
DIVISIONS/DEPARTMENTS			
Business	Allen Dooley	SAC, Cesar Chavez Building, A-103	714-564-6750
Counseling	Micki Bryant	SAC, Administration Building, S-106	714-564-6078
Exercise Science, Health and Athletics	Avie Bridges	SAC, Physical Education Building, W-102	714-564-6900
Fine & Performing Arts	Sylvia Turner	SAC, Cesar Chavez Building, A-109	714-564-5600
Humanities & Social Sciences	Sharon Whelan	SAC, Dunlap Hall, D-435-2	714-564-6500
Human Services & Technology	Bart Hoffman	SAC, Russell Hall, R-107	714-564-6800
Career Education & Workforce Development	Bart Hoffman	SAC, Russell Hall, R-107	714-564-6800
Science, Math, and Health Sciences	Carol Comeau	SAC, Russell Hall, R-103	714-564-6600

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 am – 8:00 pm

Viernes de 8:00 am – 5:00 pm

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 80.

TO CONTACT OR LEARN ABOUT . . .	ADMINISTRATOR/CONTACT	LOCATION	TELEPHONE
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
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/CARE	SAC, Johnson Campus Center, U-101	SAC, Johnson Campus Center, U-101	714-564-6232
Facility Reservations	Maria Taylor	SAC, Administration Building S-209-1	714-564-6227
Financial Aid	Robert Manson	SAC, Johnson Campus Center, U-221	714-564-6242
Fire Technology	Ken Soltis	SAC, Cesar Chavez Building, A-113	714-564-6845
Foundation	Christina Romero	SAC, Administration Building, S-217	714-564-6091
Freshman Experience, Learning Communities II	Steve Bautista/Martha Vargas/Todd Huck/Lynn Marecek	SAC, Administration Building, S-110	714-564-6165
Graduation	Christine Gorlato/Gina Wilson	SAC, Administration Building, S-105-1	714-564-6052
Hazardous Materials	Al Chin	RSCCD District Office, 2323 N. Broadway, Santa Ana	714-480-7330
Health Services	Arlene Warco	SAC, Johnson Campus Center, U-120	714-564-6216
Honors Transfer Program	Kathy Patterson	SAC, Dunlap Hall, D-428	714-564-6528
Human Resources	John Didion	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7484
I-20 Form	Admissions/Records Staff	SAC, B-12	714-564-6047
Information, General	Admissions/Records Staff	SAC, S-101	714-564-6000
Institute for Women Entrepreneurs	Kari Caldwell Irwin	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706, Room 240	714-480-7455
International Students	Kanana Gitonga	SAC, U-204C	714-564-6047
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)	Cathie Shaffer	SAC, Administration Building, S-107	714-564-6373
Military Evaluation/Veteran's Affairs	Becky Miller	SAC, Administration Building, U-221	714-564-6242
Nursing	Lilia Tanakeyowma	SAC, Russell Hall, R-213	714-564-6825
Office of School & Community Partnerships	Cherylee Kushida	SAC, Administration Building, S-214	714-564-6970
Online Classes/Distance Education	Cherylee Kushida	SAC, Cesar Chavez Building, A-101	714-564-6725
Outreach	Teresa Mercado-Cota	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 Affairs (RSCCD)	Laurie Weidner	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7500
Public Service Institute, Business Seminars	Dianne Freeman	DMC, 1300 S. Bristol Street, Santa Ana, CA 92708, DMC-209	714-241-5823
Puente Program	Reina Sanabria	SAC, Administration Building, S-134	714-564-6135
RSCCD District Office		RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7300
Rancho Santiago Community College District Foundation		RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7340
Registration	SAC Registration Area Staff	SAC, Johnson Campus Center, U-202	714-564-6005
Research Department	Nga Pham	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7468
Residency	SAC Admissions/Records Staff	SAC, Administration Building, S-101	714-564-6005
Resource Development Department	Sarah Santoyo	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-480-7463
Santa Ana Civic Leadership Initiative	Stephanie Adams	SAC, Johnson Campus Center, U-121A	714-564-6363
Scholarships	James Wooley	SAC, Administration Building, S-204	714-564-6478
Security	John Vu	SAC, Security/Safety Building, X-100	714-564-6330
Service Learning Center	Leila Mozaffari	SAC, Johnson Campus Center, U-204 A/B	714-564-6362
Small Business Development Center, Orange County		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	Daniel Marquez	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	Loy Nashua	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		CEC, 2900 W. Edinger, Santa Ana, CA 92704	714-241-5710
Success Center	Roy Shahbazian	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-105	714-564-6629
Television/TV Class Information	Distance Education Office Staff	SAC, Cesar Chavez Building, A-101	714-564-6725
Testing Information	Beverly Birnbaum	SAC, Library Building, L-221	714-564-6148
Transcripts	SAC Admissions/Records Staff	SAC, Administration Building, S-101	714-564-6461
Transfer Center	Martha Vargas	SAC, Administration Building, S-110	714-564-6165
Tutorial Center	Pat Conner	SAC, Johnson Campus Center, U-202	714-564-6260
U-Link	Rochelle Zook	SAC, Administration Building, S-133	714-564-6416
Upward Bound (TRIO)	Romelia Madrigal	SAC, Library Building, L-222	714-564-6843
Veterans Resource Center		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
Youth Entrepreneurship Program	Maricela Sandoval	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706	714-564-5533

VISIT OUR WEBSITES

SANTA ANA COLLEGE – www.sac.edu SANTIAGO CANYON COLLEGE – www.scollege.edu RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT – www.rscgd.edu

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

ADMISSIONS / REGISTRATION

STEP 1: APPLICATION

ADMISSIONS

- **Continuing Students**
Continuing students who actively attended Spring 2011 may complete registration by computer.
- **New Students and Former (Returning) Students**
Students enrolling for the first time or who are returning after **not** attending Spring 2011 must complete an Admission application **by applying online at www.sac.edu**.
- **Registration appointments for new students are processed on a first-come, first-serve basis at the time of application.**

WHO MAY ATTEND

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

STEP 2: REGISTRATION

CONTINUING STUDENT

You are a continuing student if you were enrolled in college credit classes at SAC during the Spring 2011 semester.

EARLY REGISTRATION FOR CONTINUING STUDENTS:

- **Online registration (see page 6) is available for continuing students. Priority is based on units completed at the end of Spring 2011 at SAC & SCC only.**
- Use any computer to enroll.
- **Continuing students** who do not meet the early registration deadline may register online until the Saturday before the semester begins.

REGISTRATION (continued)

TRANSFER STUDENT

INFORMATION FOR NEW STUDENTS FROM OTHER COLLEGES

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

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

NEW STUDENT

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

MATRICULATION INFORMATION FOR NEW STUDENTS

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

NEW STUDENT REGISTRATION

- New students receive appointments to register on a first-come, first-serve basis. All new students to SAC are encouraged to complete matriculation services (testing, orientation, and advisement).
- To complete placement testing (assessment), you must first complete an Admission application online at www.sac.edu.
- After you complete an admissions application, you will receive a Datatel ID via email in approximately 3 days. Once you receive a Datatel ID you can schedule a testing appointment online at www.sac.edu/students/admissions/placement_testing/.
- Upon completing testing, students will be given an appointment to attend an orientation and advisement session with a counselor. Students will receive their test results and their appointment to register after completing orientation and advisement. New and/or returning students can view their registration date online. Please refer to page 8 for further testing information.

... REGISTRATION ...

REGISTRATION (continued)

REGISTRATION BY APPOINTMENT

FORMER STUDENTS AND OTHER NEW STUDENTS

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

LATE REGISTRATION and ADD PERIOD (Aug. 22 to Sept. 2)

- **Instructor signature or add codes are required on all adds after the semester begins.**
- ADD forms to petition the instructor are available in the Admissions/Records Office. After completion, submit forms to the Registration Area in U-201 with enrollment fee payment, if required, for each class added.
- Use the computer to drop classes through the established drop date (75% of the way through a class). To avoid fees, drop by September 4, 2011 for full-term classes, and 10% of the class for other non full-term classes.
- **No add cards with instructor signatures will be accepted after September 2, 2011 for full-term classes.**

To Avoid Fees, drop online July 11 – September 4

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 or add code 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 (weekends included) of registering for courses or you will be dropped for non-payment. The date that you register counts as the first calendar day.

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

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

or mail check or money order to:

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

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

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

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

LOCATIONS & TIMES FOR REGISTRATION BEGINNING AUGUST 22, 2011.

Prior to 8/22/11, please go to Admissions in S-101 for assistance.

Call 714-564-6005 if you have questions.

Santa Ana College

Johnson Center,
Room U-201

Monday–Thursday, 10am–6:30pm

Friday, 10am–3:30pm

STUDENT RESPONSIBILITY TO DROP CLASSES AFTER SEMESTER BEGINS

Students who have enrolled and paid for classes and decide not to attend must drop classes before Sunday, September 4, 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 must drop classes online.
- Drop classes via WebAdvisor by SUNDAY, SEPTEMBER 4 to avoid Academic Hold and "W" grade!
- **Even if you do not attend the class, after the semester begins, you owe the fees unless you drop the class before Sunday, September 4!**

ONLINE REGISTRATION & RECORDS

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

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

[More Registration Information . . .](#)

ONLINE REGISTRATION



FALL 2011 REGISTRATION

is available for continuing students enrolled at SAC during Spring 2011. The priority system for online registration is based on units earned at SAC/SCC only.

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

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

WebAdvisor REGISTRATION STEP-BY-STEP

1	Go to www.sac.edu and click on Online Records
2	From the Student Menu, click on the Log In tab at the top
3	Log in with your user id and password
4	Click on Students
5	Click on the Search for Sections to Register link (also click on address change to update your email account)
6	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
7	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
8	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
9	Click on the Submit button After you click Submit , you will be officially registered
10	Pay fees within 3 calendar days to avoid being dropped from your courses
11	You can view your results on the Registration Results page
12	Log out

FEES AND REFUNDS

STUDENT FEES

ENROLLMENT FEE

The Enrollment Fee is \$36.00 per unit, with no maximum. Payment is required of all students upon registering for classes. This fee is subject to change.

NON-RESIDENT TUITION

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

HEALTH FEE

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

Health Fee Exemptions (Education Code 76355)

1. Any student who depends exclusively upon prayer for healing in accordance with the teachings of a bona fide religious sect, denomination, or organization, provided that the student presents documentary evidence of an affiliation with such a bona fide religious sect, denomination, or organization.
2. Any student enrolled in an approved Apprenticeship Program. A request for an exemption may be filed at the Admissions & Records Office.

STUDENT SERVICE FEE

A Student Service Fee of \$7.50 is payable at registration for classes at SAC. The fee includes: 1) \$2.50 for photo ID used for library, student and instructional services; and 2) \$5.00 for college activities. Photo ID and semester validation available at registration or the Cashier's Office, room S-104 at Santa Ana College. Payment of this fee is optional. See page 71 for a list of fee benefits.

PARKING FEE

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

MATERIALS FEE

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

ESTIMATED COST

ENROLLMENT FEE			
\$36	x	_____	= _____
		units	
NON-RESIDENT TUITION			
\$200	x	_____	= _____
		units	
HEALTH FEE (\$17 for SAC & SCC campus classes)			= _____
STUDENT SERVICE FEE (OPTIONAL) (\$7.50 for SAC or SCC campus classes)			= _____
PARKING PERMIT (OPTIONAL \$30 fee)			= _____
MATERIALS FEES			= _____
TOTAL			= _____

REFUNDS

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

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

Students who withdraw from full semester classes by Sunday, September 4, or by 10% of a course less than a semester in length, may request a 100% refund.

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

REFUND OF Non-Resident Tuition

Students who withdraw from full-semester classes by Sunday, September 4, 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 copies of placement test results in English, reading, and/or math, as well as course recommendations, to the Testing Center at Santa Ana College, as soon as possible to determine whether it is necessary to complete testing at SAC or whether your eligibility can be verified and you can be cleared for registration.

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

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

HOW do I complete testing?

1. New students must first apply to the college.
2. After you complete an admissions application online you will receive a Datatel ID number via e-mail in approximately 3 days.
3. Paper and pencil CTEP English, reading and Math tests as well as TELD tests are offered on a rotating basis every Monday and Tuesday at either 9 am or 6 pm throughout the semester. Continuing students who have not tested or who need to retest should complete testing during the regular semester. Appointments can be made on-line at www.sac.edu/students/admissions/placement_testing.
4. Computer-based CTEP English, Reading and Math are offered on a walk-in basis throughout the semester (except last two weeks), however, you should check to see when the walk-in time are offered.
5. A more intensive schedule testing for the Fall semester which begins on July 16, 2011 is shown on page 9 of this schedule. You may schedule an appointment for one of these times online at www.sac.edu/students/admissions/placement_testing.
6. After you complete testing you will be directed to attend an orientation where you will receive your test results and other information about the college. You may register for most classes on your assigned registration date, however, you can only register for those that require a placement test prerequisite after you complete testing, orientation and advisement

WHY should I do this?

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

WHAT if I still have questions?

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

RIGHT TO APPEAL

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

MORE TEST INFORMATION AND TESTING SCHEDULES . . .

TESTS – PLACEMENT & FINAL EXAMINATIONS

SANTA ANA COLLEGE FALL 2011

PLACEMENT TESTING SCHEDULE

- **ELIGIBILITY FOR TESTING:** 1) Must have submitted a completed application to the college and received a Datatel ID number, 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 dates listed below you may go to www.sac.edu/students/admissions/placement_testing/.
- 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, July 18	9:00 am	10:30 am		
Tuesday, July 19	9:00 am	10:30 am		
Wednesday, July 20			9:00 am	10:30 am
Thursday, July 21	9:00 am	10:30 am		
Monday, July 25	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, July 26	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, July 27			9:00 am & 6:00 pm	10:30 am & 7:30 pm
Thursday, July 28	9:00 am	10:30 am		
Monday, August 1	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 2	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, August 3			9:00 am & 6:00 pm	10:30 am & 7:30 pm
Thursday, August 4	9:00 am	10:30 am		
Monday, August 8	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 9	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, August 10			9:00 am & 6:00 pm	10:30 am & 7:30 pm
Thursday, August 11	9:00 am	10:30 am		
Monday, August 15	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 16	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, August 17			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 August 4 and 18, 2011 at 1:00 pm and 5:00 pm.

ABILITY TO BENEFIT

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

COMPUTER-BASED TESTING

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

SANTA ANA COLLEGE FALL 2011 FINAL EXAMINATION SCHEDULE

Final exams will be given during the last week of the semester during regular scheduled class hours. The last day of instruction is Sunday, December 11. Final exams may be given during one class session or a combination of class sessions, as designated by the instructor; check with individual instructors for exact date.

SEMESTER GRADES ARE DUE IN THE ADMISSIONS OFFICE ON THURSDAY, DECEMBER 15, 2011.

POLICIES, NOTICES, & GRADES

DISABLED STUDENTS POLICY

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

NONDISCRIMINATION POLICY

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

POLÍTICA NO DISCRIMINATORIA

El Distrito Colegial Comunitario Rancho Santiago cumple con los reglamentos y leyes Federales y estatales y no discrimina en base a ningún grupo étnico, descendencia nacional, religión, edad, sexo, raza, color, antepasados, orientación sexual, discapacidad física o mental o en base a estas características o en base a una persona o grupo que tenga o se crea tenga una de éstas características. Esto también se aplica a todos los estudiantes que están interesados en participar en programas educacionales y/o en actividades escolares que sean extracurriculares. El hostigamiento en contra de cualquier empleado/estudiante con respecto a su grupo étnico, descendencia nacional, religión, edad, sexo, raza, color, antepasados, orientación sexual, discapacidad física o mental o en base a estas características o en base a una persona o grupo o por estar asociado con una persona o grupo que tenga o se crea tenga una de éstas características, 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 a: RSCCD Title IX Officer and Section 504/ADA Coordinator: John Didion, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.

CHÍNH SÁCH KHÔNG KỲ THỊ

Khu-Học-Chánh Rancho Santiago Community College District chấp hành tất cả luật lệ và qui định của chính quyền Tiểu Bang và Liên Bang và không kỳ thị bởi vì lý do chủng tộc, nguồn gốc, tôn giáo, tuổi tác, phái tính, dân tộc, màu da, gia tộc, khuynh hướng tính dục, hoặc tình trạng khiếm tật về thể xác hay tâm thần, hoặc vì những lý do nêu bên trên bởi vì căn cứ vào các cá tính này trên thực chất hay qua nhận thức. Chính sách này áp dụng cho tất cả các sinh viên mong muốn tham dự vào các chương trình giáo dục hoặc sinh hoạt của nhà trường. Tuyệt đối cấm những hành động phân biệt nhiều nhân viên / sinh viên bởi vì lý do chủng tộc, nguồn gốc, tôn giáo, tuổi tác, phái tính, dân tộc, màu da, gia tộc, khuynh hướng tính dục, hoặc tình trạng khiếm tật về thể xác hay tâm thần, hoặc vì những lý do nêu bên trên bởi vì căn cứ vào các cá tính này trên thực chất hay qua nhận thức. Những câu hỏi về việc chấp hành và/hoặc về thủ tục khiếu nại có thể liên lạc về Viên Chức District's Title IX Officer của Khu-Học-Chánh và/hoặc Phó Trí Viên Section 504/ADA Coordinator:

John Didion, 2323 N. Broadway, Santa Ana, CA 92706, 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 am to 10:00 pm, Monday through Thursday, and from 8:00 am 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 the student stops attending.

For a semester length course, students must drop by Sunday, September 4, 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 Sunday, September 4, 2011 is financially responsible for all registration fees associated with that enrollment, even if the student does not attend the class.** Time periods for short-term classes are different. Please check with the Admissions Office for deadlines.

Students may drop and receive a "W" grade between September 6 and November 13, 2011. Student enrolled in classes that are less than semester length, must withdraw before the 75% point of the class. Neither the student or instructor may initiate a withdrawal after the deadline, and students officially enrolled in a class beyond the drop deadline must receive a grade other than "W."

FAMILY RIGHTS AND PRIVACY ACT

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

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

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

PASS/NO PASS

Pass/No Pass petitions for full semester classes must be received in the Admissions Office by September 23, 2011. **Pass/No Pass petitions for classes less than a semester in length must be submitted before 30% of the class expires. Pass/No Pass courses may NOT be taken in the student's major field and a maximum of 12 units of pass/no pass are allowed toward a degree program.** Pass/no pass does not include credit by examination. Deadlines for P/NP forms are final! **Pass/No Pass status cannot be changed back to a letter grade.** A&G petitions will not be approved.

TRANSCRIPTS

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

TEST SCORES

If enrolling in English, Reading, and/or Math, bring official copies of placement test results from other colleges to the Testing Center (L-225) at Santa Ana College. They will determine if it is advisable to complete additional placement testing at SAC. Placement test information from other colleges must include: your name, name of the test(s), the raw score(s), and test date(s). Test scores in English or ESL are valid for two years. **If you tested more than two years ago for English/ESL, you may need**

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.

to retest. ESL test scores from other institutions are not accepted. Math test scores are valid for one year only.

GRADES DUE AND AVAILABLE

Final course grades are available:

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

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

- FALL semester grades are due in the Admissions office on Thursday, December 15, 2011.
- FALL semester grades will be available after Thursday, December 15, 2011.

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

CLASS SCHEDULE SUBJECT TO CHANGE

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

CLASS DISCONTINUANCE POLICY

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

DISTRICT SAFETY AND SECURITY

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

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

RSCCD TOTAL CRIME STATISTICS ON CAMPUS

for the complete Annual Crime/Security Report go to

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

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

Crime	2007	2008	2009
Murder	0	0	0
Manslaughter	0	0	0
Forcible Sex Offense	0	2	0
Non-Forcible Sex Offense	0	0	0
Robbery	2	3	2
Aggravated Assault	0	1	0
Burglary	2	9	8
Motor Vehicle Theft	8	9	8
Arson	0	4	1
Hate Crimes	0	0	0
Weapons Possession	1	1	0
Drug Abuse Violation	3	3	2
Liquor Law Violation	5	2	6
Bomb Threat	0	0	1
Grand Theft (over \$400)	11	20	30
Simple Battery	5	2	3
Larceny from Vehicle	22	23	21
Petty Theft	30	70	52
Vandalism	27	26	51

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

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 2006, the “completion rate” represents those students who earned an Associates Degree, certificate of completion, or 56 UC/CSU transferable credits within three years.

2006 COHORT COMPLETION RATE

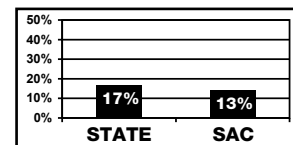
STATE	25%
SAC	22%



The “transfer rate” represents non-completer students who transferred to any other two- or four-year institution within three years.

2006 COHORT TRANSFER RATE

STATE	17%
SAC	13%



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.

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.



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

Fall 2011 books sold online beginning September 16.

Pay with your Visa or MasterCard. Have books delivered FedEx, or pick them up in our express Web line at the Don Bookstore.

psi BUSINESS SEMINARS FOR COLLEGE CREDIT

General Management • Communication • Computer Skills
Office Management • Self Improvement • Small Business/Entrepreneur

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

SCHEDULE OF CLASSES

HOW TO READ THE COLLEGE CREDIT CLASS SCHEDULE

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

Course Title and Number → **PHOTOGRAPHY 191, INTERMEDIATE DIGITAL PHOTOGRAPHY** ← **3 UNITS** ← **Units of Credit**

Supplemental info/notices → *An intermediate course in the techniques and skills of electronic and digital/computer technologies in photography. Includes advanced scanning, printing, and digital camera techniques. Exploration and experimentation of digital imaging. An adjustable digital camera is required. May be repeated.* ← **Course Information** (see page 63 for information about prerequisites)

Section Number → **49538** ← **Material Fee(s): \$15**

Time → 3:00p-3:55p / 4:00p-5:35p ← **Day(s)**








Instructor → M W / M W ← **Instructor** Miller R / Miller R

Site Location → SAC A-219 / SAC A-219 ← **Site Location** (see this page for a complete list of sites)

Room → Full Semester ← **Room**

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

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

-  HONORS COURSES – Look for the Honors course torch symbol in the schedule or check the SAC listing on page 20.
-  ONLINE CLASSES – Look for the Online class symbol in the schedule or check the complete list on pages 16–19
-  HYBRID CLASSES – Look for the Hybrid class symbol in the schedule or check the complete list on pages 16–19
-  TV CLASSES – Look for the TV class symbol in the schedule or check the complete list on page 19.
-  OFF CAMPUS FIELD TRIPS – Look for the Field Trip symbol for classes that include field trips and read the policy on page 10.
-  FUTURE TEACHERS – Content of interest to future teachers
-  WEEKEND CLASSES – Classes offered Friday evenings, Saturday, and Sunday or check the complete list on page 14.

LOCATIONS

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

CARE	Carehouse Convalescent Hospital 1800 Old Tustin Avenue, Santa Ana	JPT-BFA	Joint Powers Training Basic Fire Academy 18301 Gothard, Huntington Beach	OCTA	Orange County Transportation Authority 55 S. Main St., Orange
CDC	Santa Ana College Child Development Center 1530 W. 17th Street, Santa Ana	OCDE	Orange County Department of Education 5700 Kalmas, Costa Mesa	RIV-GOLF	Riverview Golf Course 1800 W. 22nd, Santa Ana
CEC	Centennial Education Center 2900 W. Edinger, Santa Ana, 714-241-5700	OCPD	Orange County Probation Dept. 1001 South Grand Ave., Santa Ana	SAC	Santa Ana College 1530 W. 17th Street, Santa Ana, 714-564-6000
CJTC	Orange County Sheriff's Regional Training Academy 15991 Armstrong Avenue, Tustin	OCLL	Orange County Law Library 1170 W. Civic Center Drive Santa Ana	SCC	Santiago Canyon College 8045 E. Chapman Avenue, Orange, 714-628-4900
DMC	Digital Media Center 1300 S. Bristol, Santa Ana	OCST	Orange County Sheriff's Department Training Center 1900 W. Katella Ave., Orange	VHS	Valley High School 1801 S. Greenville, Santa Ana
FVRH	Fountain Valley Regional Hospital 17100 Euclid, Fountain Valley			WMC	Western Medical Center 1001 N. Tustin, Santa Ana

The Santa Ana College campus map is printed on page 83



FALL 2011 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	48761	8:00a-12:10p	Sa	Mitchell E	A-209	Full Semester
ACCT	102	48780	1:00p-4:50p	Sa	Mitchell E	A-209	Full Semester
ART	100	47843	6:00p-10:05p	F	Redfield M	C-104	09/09-10/15
AND			12:30p-4:35p	Sa		C-104	
ART	129	48013	6:00p-8:55p	F	Caterina A	DMC-104	Full Semester
AND			9:00p-10:05p	F	Caterina A	DMC-104	
AUTO	086	50530	6:00p-10:15p	F	Wilkes D	J-102	08/26-10/14
BA	035	48813	9:00a-12:35p	Sa	Alii W	A-228	10/22-12/10
BA	057	48821	9:00a-12:10p	Sa	Frias Callejas M	A-224	Full Semester
BA	125	48884	9:00a-12:35p	Sa		A-226	10/22-12/10
BA	147	48890	9:00a-12:10p	Sa	Alii W	A-228	08/27-10/15
BA	188	48963	6:30p-9:35p	F	Nguyen T	A-226	08/26-10/14
BA	189	48968	6:30p-9:35p	F	Nguyen T	A-226	10/21-12/09
BANK	010	48801	9:00a-2:50p	Sa	Trabant T	A-207	08/27-10/01
BANK	010	48803	9:00a-2:50p	Sa	Trabant T	A-207	10/22-12/03
BIOL	109	48076	9:00a-12:10p	Sa	Takahashi M	R-128	Full Semester
BIOL	109L	48278	12:30p-3:40p	Sa		R-202	Full Semester
BIOL	239	48094	8:30a-11:40a	Sa	Syed E	R-124	Full Semester
AND			12:30p-3:40p	Sa	Syed E	R-201	
BIOL	239	48095	8:30a-11:40a	Sa	Syed E	R-124	Full Semester
AND			6:30p-9:40p	F	Johnson R	R-201	
BIOL	239	48093	8:30a-11:40a	Sa	Syed E	R-124	Full Semester
AND			8:30a-11:40a	F	Botkin M	R-219	
CHEM	209	48308	9:00a-12:10p	Sa	Moore B	R-318	Full Semester
AND			1:00p-4:10p	Sa	Moore B	R-301	
CJA	010	48243	6:00p-10:00p	Tu Th	CJ ACADEMY	CJTC-SD	09/06-10/01
AND			7:00a-11:00a	Sa		CJTC-SD	
CJA	026A	48165	7:00a-4:00p	Sa	CJ ACADEMY	CJTC-SD	08/20-08/27
CJA	026A	48166	7:00a-4:00p	Sa	CJ ACADEMY	CJTC-SD	11/05-11/19
ECON	120	47902			Ho L	HYBRID	Full Semester
AND			10:00a-11:30a	Sa		A-211	
ECON	121	47898			Ho L	HYBRID	Full Semester
AND			11:40a-1:10p	Sa		A-211	
EMT	111	47151	8:30a-12:30p	F Sa	Dethlefsen E	R-307	09/30-10/08
AND			1:00p-5:10p	F Sa		R-307	
ENGR	011	51213	5:00p-7:05p	F	Farmer B	A-130	Full Semester
ENGR	183	48623	8:00a-12:10p	Sa	Fonseca J	A-216	Full Semester
ENGR	185	48625	8:00a-12:10p	Sa	Fonseca J	A-216	Full Semester
ENGR	186	49131			Sherod S	HYBRID	Full Semester
AND			9:00a-12:10p	Sa	Sherod S	A-214	
ENGR	187	49132			Sherod S	HYBRID	Full Semester
AND			9:00a-12:10p	Sa	Sherod S	A-214	
ERTH	110	48338	9:00a-12:10p	Sa	Greenwood R	R-111	Full Semester
FAC	008	47756	7:30a-11:30a	Su	Sneddon M	JPT-BFA	11/13-11/13
FAC	008	47754	7:30a-11:30a	Su	Sneddon M	JPT-BFA	09/18-09/18
FAC	008	47755	7:30a-11:30a	Su	Sneddon M	JPT-BFA	10/16-10/16
FAC	008	47757	7:30a-11:30a	Su	Sneddon M	JPT-BFA	12/04-12/04
HIST	121	47943	6:00p-9:25p	F	Riggins C	I-109	10/21-12/10
AND			9:00a-12:25p	Sa	Riggins C	I-109	
HUD	112	51048			Kimmel M	HYBRID	Full Semester
AND			9:30a-12:30p	Sa		V-151	

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES	
MA	020	47153	8:00a-12:00p	F	Emley C	R-307	09/23-09/23
AND			1:00p-5:10p	F		R-307	
MATH	N48	48458	8:00a-12:15p	Sa	Pilz L	R-113	Full Semester
MATH	060	49221			Solheid C	HYBRID	Full Semester
AND			6:00p-8:00p	F		I-202	
MATH	080	49621	8:00a-1:20p	Sa	Maiah A	I-203	Full Semester
MATH	080	49626			VU D	HYBRID	Full Semester
AND			6:00p-8:00p	F		I-203	
MATH	105	49226			Shahbazian R	HYBRID	Full Semester
AND			4:00p-6:00p	F		I-202	
MATH	140	49227			Carrera C	HYBRID	Full Semester
AND			6:00p-8:00p	F		I-204	
MATH	219	49004	8:00a-1:20p	Sa	Bui M	A-215	Full Semester
MNFG	011	50578	5:00p-7:05p	F	Farmer B	A-130	Full Semester
MNFG	053	50582	7:15p-10:25p	F	Farmer B	A-130	Full Semester
MNFG	071	50643	9:00a-1:15p	Sa	Singh N	H-207	Full Semester
MNFG	N96	50663	12:00p-6:00p	F	Digilio G	T-107	Full Semester
MNFG	N96	50667	9:00a-5:30p	Sa	Digilio G	T-107	Full Semester
MNFG	N97	50672	12:00p-6:00p	F	Digilio G	T-107	Full Semester
MNFG	N97	50668	9:00a-5:30p	Sa	Digilio G	T-107	Full Semester
MUS	185	49917	10:00a-10:55a	Sa	Adele D	N-114	Full Semester
AND			11:00a-12:05p	Sa	Adele D	N-114	
MUS	241	49424	12:15p-3:25p	Sa	Adele D	N-114	Full Semester
NRN	101L	47124			Paunovic M	CAREHOUS	07/23-12/03
NRN	101L	47125			Rehm A	FRENCH	07/23-12/03
NRN	201L	47137			Stucken R	COL	07/23-11/27
NRN	201L	47138			Horgan L	SJH	07/23-11/27
NRN	202L	47140				UCI	08/23-12/08
OTA	201	50792			Parolise M	SAC WEB	Full Semester
AND			9:00a-12:00p	Sa	Parolise M	T-210	
PARA	100	48831	9:00a-3:30p	Sa	Lamarra K	A-130	08/27-10/15
PARA	198	50921	9:00p-4:30p	Sa	Lamarra K	A-130	10/22-12/10
PHAR	048	50949			Ross Jr J	HYBRID	Full Semester
AND			8:00a-10:05a	Sa		H-201	
PHAR	054	50958			Ross Jr J	HYBRID	Full Semester
AND			10:15a-12:20p	Sa		H-201	
PHAR	061	50963	9:00a-12:00p	Sa	Nguyen N	H-210	Full Semester
POLT	101	47508			Murphy T	HYBRID	Full Semester
AND			10:00a-11:30a	Sa	Murphy T	D-102	
POLT	101	47178	9:00a-12:10p	Sa	Chervenak T	A-210	Full Semester
PSYC	100	47527	9:00a-12:10p	Sa	Keo-Trang Z	I-108	Full Semester
SOCs	219	49005	8:00a-1:20p	Sa	Bui M	A-215	Full Semester
SPCH	101	48148	6:00p-9:55p	F	Holder V	I-103	09/09-10/15
AND			9:00a-12:55p	Sa		I-103	
SPCH	101	48051	9:00a-12:10p	Sa	Harris M	I-206	Full Semester
THEA	167	50742			Small S	WEB	08/22-10/14
AND			9:00a-4:00p	Sa	Small S	P-100	
WELD	098	50912	6:00p-6:55p	F	Capucetti B	K-101	Full Semester
AND			7:00p-9:35p	F	Capucetti B	K-101	
AND			8:30a-11:30a	Sa		K-101	

Hard work pays off on the weekend!

Friday evening – Sunday evening classes

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

Why spend more?

Weekend College at SAC is Your Best Investment.

Annual Fees*

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



Ind./Private \$26,300 (2010 data)

source: College Board Website, "What it Costs to Go to College"



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

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

1ST 8-WEEK COURSES FOR FALL 2011

2ND 8-WEEK COURSES FOR FALL 2011

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT	035	48728	6:00p-10:15p	M	Bloom M	A-228 08/22-10/10
ACCT	035	48725			Shain S	WEB 08/22-10/11
ART	100	47843	6:00p-10:05p	F	Redfield M	C-104 09/09-10/1
	AND		12:30p-4:35p	Sa		C-104
AUTO	086	50530	6:00p-10:15p	F	Wilkes D	J-102 08/26-10/14
BA	147	48890	9:00a-12:10p	Sa	Ali W	A-228 08/27-10/15
BA	188	48962			Montiel-Childress D	WEB 08/22-10/14
BA	188	48963	6:30p-9:35p	F	Nguyen T	A-226 08/26-10/14
BA	190	48969			Lehrer C	WEB 08/22-10/14
BANK	010	48801	9:00a-2:50p	Sa	Trabant T	A-207 08/27-10/01
BUS	110	48346	6:00p-10:00p	Tu	Grant M	A-203 08/23-09/13
BUS	111	48343	6:00p-10:00p	Tu	Grant M	A-203 09/20-10/11
BUS	147	48375	6:00p-10:00p	Th	Shippey K	A-203 08/25-09/15
BUS	148	48377	6:00p-10:00p	Th	Shippey K	A-203 09/22-10/13
CJA	010	48243	6:00p-10:00p	Tu Th	CJ ACADEMY	CJTC-SD 09/06-10/01
	AND		7:00a-11:00a	Sa		CJTC-SD
CJA	034A	50073	7:00a-5:30p	Th	CJ ACADEMY	SAPD 08/25-08/25
CJA	034A	50071	7:00a-5:30p	Tu	CJ ACADEMY	SAPD 08/23-08/23
CJA	034A	50070	7:00a-5:30p	M	CJ ACADEMY	SAPD 08/22-08/22
CJA	034A	50072	7:00a-5:30p	W	CJ ACADEMY	SAPD 08/24-08/24
CMPR	136	47814	7:00p-10:10p	Th	Quach N	A-206 08/25-10/13
DNCE	109	49255	5:30p-6:30p	M	Perez M	W-106 08/22-10/12
	AND		5:30p-6:30p	W	Perez M	W-106
DNCE	109	48218	8:00a-9:00a	Tu	Kikawa E	G-108 08/23-10/13
	AND		8:00a-9:00a	Th	Kikawa E	G-108
EMT	111	47151	8:30a-12:30p	F Sa	Dethlefsen E	R-307 09/30-10/08
	AND		1:00p-5:10p	F Sa		R-307
ENGL	061	47314	11:30a-3:45p	Tu Th	Tran M	D-205 08/22-10/14
ENGL	061	47307	11:30a-3:45p	Tu Th	Greenberg H	D-302 08/22-10/13
ENTR	101	48611	6:00p-10:00p	Tu	Thomason G	A-207 08/23-09/13
ENTR	102	48612	6:00p-10:00p	Tu	Doolittle G	A-207 09/20-10/11
ENTR	104	48614	6:00p-10:10p	Th	Allen R	A-207 08/25-10/14
ESHE	101	49041			Breig D	WEB 08/22-10/14
ESHE	102	49202			Nutter K	WEB 08/22-10/14
ESHE	105	50577	7:30a-8:55a	Tu Th	Corrie R	G-107 08/22-10/14
ESHE	107	50580	9:35a-11:40a	Tu Th	Sneddon D	G-107 08/22-10/13
FAC	008	47754	7:30a-11:30a	Su	Sneddon M	JPT-BFA 09/18-09/18
FAC	008	47755	7:30a-11:30a	Su	Sneddon M	JPT-BFA 10/16-10/16
FAC	008B	47196	6:00p-8:00p	W	Argo R	JPT-BFA 08/24-10/12
FAC	008B	47201	8:45a-10:45a	F	Argo R	JPT-BFA 08/26-10/14
FAC	008C	47204	8:45a-10:45a	F	Argo R	JPT-BFA 08/26-10/14
FAC	008C	47203	6:00p-8:00p	W	Argo R	JPT-BFA 08/24-10/12
FDM	216	50783	5:45p-9:35p	Th	Silvers L	T-201 08/25-10/13
HUD	215	51060	6:00p-10:10p	W	Morgan-Beazell G	V-151 08/24-10/12
HUD	221	51066	11:00a-2:10p	M W	Morgan-Beazell G	V-151 08/22-10/12
MA	020	47153	8:00a-12:00p	F	Emley C	R-307 09/23-09/23
	AND		1:00p-5:10p	F		R-307
MATH	060	49642	7:45a-9:50a	M Tu W Th	R-318	08/22-10/13
MATH	060	49644	7:45a-9:50a	M Tu W Th	Lewis L	R-228 08/22-10/13
MUS	142	49342	12:30p-1:35p	M W	Kehlenbach E	DMC-204 08/22-10/12
MUS	146	49553	6:00p-9:10p	W	Graham A	DMC-204 08/22-10/12
MUS	146	49548	1:30p-2:55p	Tu Th	Bush N	DMC-204 08/22-10/13
OTA	202	50795			Hyman D	08/22-10/14
PARA	100	48831	9:00a-3:30p	Sa	Lamarra K	A-130 08/27-10/15
PARA	132	48814	6:00p-10:10p	Th	Staff	A-205 08/25-10/13
PARA	147	50932	6:00p-10:00p	Th		A-203 08/25-09/15
PARA	148	50934	6:00p-10:00p	Th		A-203 08/22-10/13
PHAR	072	50967			Huynh-Dang K	H-210 09/22-01/01
SPCH	101	48148	6:00p-9:55p	F	Holder V	I-103 09/09-10/15
	AND		9:00a-12:55p	Sa		I-103
STDY	091	50894	1:00p-3:05p	Tu		L-202 08/22-10/14
THEA	135	49808			Tivenan V	P-108 10/17-01/22
THEA	155	49788	6:00p-6:55p	M Tu W Th	Hansen B	P-100 10/17-01/22
	AND		7:00p-10:00p	M Tu W Th	Hansen B	P-100
THEA	167	50742			Small S	WEB 08/22-10/14
	AND		9:00a-4:00p	Sa	Small S	P-100

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT	032	48723	7:00p-9:05p	M	Bloom M	A-222 10/17-12/05
ACCT	035	48726			Shain S	WEB 10/18-12/06
BA	035	48813	9:00a-12:35p	Sa	Ali W	A-228 10/22-12/10
BA	043	48818	5:00p-6:55p	W		A-224 11/16-12/07
BA	125	48884	9:00a-12:35p	Sa		A-226 10/22-12/10
BA	148	48903	6:00p-9:35p	Th	Ali W	A-224 10/20-12/08
BA	177	48971	7:00p-10:10p	M		A-228 10/17-12/05
BA	189	48964			Montiel-Childress D	WEB 10/17-12/09
BA	189	48968	6:00p-10:10p	F	Nguyen T	A-226 10/21-12/09
BA	191	48970			Lehrer C	WEB 10/17-12/09
BANK	010	48803	9:00a-2:50p	Sa	Trabant T	A-207 10/22-12/03
BUS	113	48349	6:00p-10:00p	Tu	Shweiri G	A-203 10/18-11/08
BUS	114	48350	6:00p-10:00p	Tu	Shweiri G	A-203 11/15-12/06
BUS	149	48379	6:00p-10:00p	Th	Shippey K	A-203 10/20-11/10
CJA	026A	48166	7:00a-4:00p	Sa	CJ ACADEMY	CJTC-SD 11/05-11/19
CJA	034A	50081	7:00a-5:30p	M	CJ ACADEMY	SAPD 10/31-10/31
CJA	034A	50078	7:00a-5:30p	Tu	CJ ACADEMY	SAPD 10/25-10/25
CJA	034A	50079	7:00a-5:30p	W	CJ ACADEMY	SAPD 10/26-10/26
CJA	034A	50077	7:00a-5:30p	M	CJ ACADEMY	SAPD 10/24-10/24
CJA	034A	50076	7:00a-5:30p	Th	CJ ACADEMY	SAPD 11/03-11/03
CJA	034A	50075	7:00a-5:30p	W	CJ ACADEMY	SAPD 11/02-11/02
CJA	034A	50074	7:00a-5:30p	Tu	CJ ACADEMY	SAPD 11/01-11/01
CJA	034A	50080	7:00a-5:30p	Th	CJ ACADEMY	SAPD 10/27-10/27
DNCE	109	48247	8:00a-8:55a	Tu	Kikawa E	G-108 10/18-12/08
	AND		8:00a-8:55a	Th	Kikawa E	G-108
DNCE	109	49256	5:30p-6:30p	M	Perez M	W-106 10/17-12/07
	AND		5:30p-6:30p	W	Perez M	W-106
EMT	105	47150	8:00a-5:05p	F	Dethlefsen E	R-203 10/28-12/09
ENTR	103	48613	6:00p-10:10p	Tu	Hobbs R	A-207 10/18-12/06
ENTR	105	48615			Vonheim E	HYBRID 10/20-12/08
	AND		6:00p-10:10p	Th		A-207
ESFI	109	49687			Luppani M	E-102 10/17-12/09
ESFI	110	49691			Luppani M	E-102 10/17-12/09
ESHE	101	49043			Breig D	WEB 10/17-12/09
ESHE	107	50579	9:40a-11:50a	Tu Th	Corrie R	G-107 10/18-12/08
FAC	008	47756	7:30a-11:30a	Su	Sneddon M	JPT-BFA 11/13-11/13
FAC	008	47757	7:30a-11:30a	Su	Sneddon M	JPT-BFA 12/04-12/04
FAC	008B	47198	6:00p-8:00p	W	Argo R	JPT-BFA 10/19-12/07
FAC	008B	47202	8:45a-10:45a	F	Argo R	JPT-BFA 10/21-12/09
FAC	008C	47206	8:45a-10:45a	F	Argo R	JPT-BFA 10/21-12/09
FAC	008C	47205	6:00p-8:00p	W	Argo R	JPT-BFA 10/19-12/07
FDM	215	50782	5:45p-9:35p	Th	Silvers L	T-201 10/20-12/08
HIST	121	47943	6:00p-9:25p	F	Riggins C	I-109 10/21-12/10
	AND		9:00a-12:25p	Sa		I-109
HUD	216	51062	6:00p-10:10p	W	Valdez S	V-151 10/17-12/07
MATH	080	49647	7:45a-10:40a	M Tu W Th	Lewis L	R-228 10/17-12/08
MATH	080	49646	7:45a-10:40a	M Tu W Th		R-318 10/17-12/08
MUS	143	49344	12:30p-1:35p	M W	Kehlenbach E	DMC-204 10/17-12/07
MUS	144	49566	1:30p-2:30p	Tu Th	Bush N	DMC-204 10/18-12/08
MUS	144	49347	12:30p-1:35p	M W	Kehlenbach E	DMC-204 10/17-12/07
MUS	147	49554	1:30p-2:25p	Tu Th	Bush N	DMC-204 10/18-12/08
NRN	200	47146	4:00p-6:20p	M W	Horgan L	R-114 10/17-12/07
OTA	203	50796			Hyman D	Hyman D 10/17-12/09
PARA	140	48820	6:00p-10:10p	Th	Tran A	A-205 10/20-12/08
PARA	149	50936	6:00p-10:00p	Th		A-203 10/20-11/10
PARA	198	50921	9:00a-4:30p	Sa	Lamara K	A-130 10/22-12/10
PSYC	100	47549	2:00p-5:10p	M W	Larson M	D-434 10/17-12/07
THEA	135	49808			Tivenan V	P-108 10/17-01/22
THEA	155	49788	6:00p-6:55p	M Tu W Th	Hansen B	P-100 10/17-01/22
	AND		7:00p-10:00p	M Tu W Th	Hansen B	P-100

ONLINE COURSES FOR FALL 2011

Online Course Participation/Attendance, and Exams

Students enrolling in Online courses will have the opportunity to complete their course work outside of the classroom, although some classes combine on-site testing with online instruction. Information about online classes such as course orientation or meeting dates, time and place, Frequently Asked Questions, course requirements, 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. Students may access course materials via the Internet either at home or using an on campus computer. 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 January 24, 2011. Visit our website at www.sac.edu/disted. A Santa Ana College instructor will be available on campus, by phone, or email to answer questions or discuss course material during the course. Access to most online courses will be available August 22, 2011.

Hybrid (Blended) Courses

Hybrid (blended) courses are courses that combine face-to-face classroom instruction with online learning. Students will have required instructional on-campus meetings and online instruction. On campus required meeting dates are listed for hybrid courses. Information about hybrid classes such as course orientation or meeting dates, time and place, Frequently

Asked Questions, course requirements, and instructor contact information can be found at www.sac.edu/disted. Students on wait lists must email the instructor the first week of class to be considered for enrollment. Students may access course materials via the Internet either at home or using an on campus computer. It is extremely important that your current address, phone number and email address is on file in the Admissions Office. Please contact the Distance Education Office, 714-564-6725, if you do not receive your information by August 22, 2011.

Access Requirements

You must email your instructor the first week of class. Online and Hybrid 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) and the SAC Nealley Library. Santa Ana College uses Blackboard for most of its online courses. Students enrolled in most online classes will log on to: <http://rsccd.blackboard.com>. Online and Hybrid courses require an Internet connection, an individual email address and basic computer skills.



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



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

SECTION	INSTRUCTOR	EMAIL
ACCOUNTING 035 48725 (Online) 8/22/11 – 10/11/11. Go to www.sac.edu/disted for more information.	QUICKBOOKS S. Shain	2 UNITS Shain_Sheila@sac.edu
ACCOUNTING 035 48726 (Online) 10/18/11 – 12/6/11. Go to www.sac.edu/disted for more information.	QUICKBOOKS S. Shain	2 UNITS Shain_Sheila@sac.edu
ACCOUNTING 101 48730 (Hybrid) Online instruction plus mandatory on-campus every Wednesday 6:00 pm-9:00 pm, SAC A-209. Go to www.sac.edu/disted for more information.	FINANCIAL ACCOUNTING J. Trone	4 UNITS Trone_Jinhee@sac.edu
ACCOUNTING 101 48756 (Online) Go to www.sac.edu/disted for more information.	FINANCIAL ACCOUNTING S. Shain	4 UNITS Shain_Sheila@sac.edu
ACCOUNTING 104 48784 (Online) Go to www.sac.edu/disted for more information.	FEDERAL AND CALIFORNIA TAXES J. Trone	4 UNITS Trone_Jinhee@sac.edu
ART 100 47833 (Online) Go to www.sac.edu/disted for more information.	INTRODUCTION TO ART CONCEPTS S. Brown	3 UNITS Brown_Sharon@sac.edu
ART 100 47835 (Online) Go to www.sac.edu/disted for more information.	INTRODUCTION TO ART CONCEPTS S. Brown	3 UNITS Brown_Sharon@sac.edu
BIOLOGY 109 48249 (Online) Go to www.sac.edu/disted for more information. Email instructor first week of class.	FUNDAMENTALS OF BIOLOGY M. Rourke	3 UNITS Rourke_Michael@sac.edu
BIOLOGY 109 48251 (Online) Go to www.sac.edu/disted for more information. Email instructor first week of class.	FUNDAMENTALS OF BIOLOGY P. Mansfield	3 UNITS Mansfield_Patricia@sac.edu
BIOLOGY 239 48269 (Hybrid) Includes on campus lab. Will specifically utilize cadaver demonstration/dissection instead of cats. Online instruction plus mandatory on campus lab meetings every Friday, 3:00-6:10pm. SAC R-201. Go to www.sac.edu/disted for more information. Email instructor first week of class.	GENERAL HUMAN ANATOMY P. Mansfield	4 UNITS Mansfield_Patricia@sac.edu
BUSINESS 100 48302 (Online) Go to www.sac.edu/disted for more information.	FUNDAMENTALS OF BUSINESS M. Grant	3 UNITS Grant_Madeline@sac.edu
BUSINESS 100 48319 (Hybrid) Online instruction plus mandatory on campus lab meetings every Thursday, 11:00am-12:25pm. SAC A-203. Go to www.sac.edu/disted for more information.	FUNDAMENTALS OF BUSINESS G. Doolittle	3 UNITS Doolittle_Glenn@sac.edu
BUSINESS 105 48880 (Online) Go to www.sac.edu/disted for more information.	LEGAL ENVIRONMENT OF BUSINESS R. Manzano	3 UNITS Manzano_Rick@sac.edu

SECTION	INSTRUCTOR	EMAIL
BUSINESS 106 48334 (Hybrid) Online instruction plus on campus meetings every Tuesday, 11:00am – 12:25pm, SAC A-203. Go to www.sac.edu/disted for more information.	CULTURE AND INTERNATIONAL BUSINESS M. Grant	3 UNITS Grant_Madeline@sac.edu
BUSINESS 130 50419 (Online) Go to www.sac.edu/disted for more information.	PERSONAL FINANCE E. Mitchell	3 UNITS Mitchell_Earl@sac.edu
BUSINESS 150 47811 (Online) Email instructor first week of class. Go to http://ext.sac.edu/faculty_staff/kushida_cherylee for more information.	INTRODUCTION TO COMPUTING AND APPLICATION SOFTWARE C. Kushida	4 UNITS Kushida_Cherylee@sac.edu
BUSINESS APPLICATIONS 179 48953 (Online) Go to www.sac.edu/disted for more information.	INTRODUCTION TO MICROSOFT OFFICE M. Nguyen	4 UNITS Nguyen_Michael@sac.edu
BUSINESS APPLICATION 188 48962 (Online) 8/22/11 – 10/14/11. Go to www.sac.edu/disted for more information.	MICROSOFT EXCEL D. Montiel	1.5 UNITS Montiel_Dena@sac.edu
BUSINESS APPLICATION 189 48964 (Online) 10/17/11 – 12/09/11. Go to www.sac.edu/disted for more information.	EXCEL APPLICATION PROJECTS D. Montiel	1.5 UNITS Montiel_Dena@sac.edu
BUSINESS APPLICATIONS 190 48969 (Online) 8/22/11 – 10/14/11. Go to www.sac.edu/disted for more information. Email instructor first week of class.	MICROSOFT POWERPOINT C. Lehrer	1.5 UNITS Lehrer_Carol@sac.edu
BUSINESS APPLICATIONS 191 48970 (Online) 10/17/11 – 12/09/11. Go to www.sac.edu/disted for more information. Email instructor first week of class.	POWERPOINT APPLICATION C. Lehrer	1.5 UNITS Lehrer_Carol@sac.edu
CHEMISTRY 209 48327 (Hybrid) Online instruction plus mandatory orientation meeting on Monday, Aug. 22, 8:30-9:25am, SAC R-126 and on campus lab meetings every Friday, 9:00am – 12:10pm, SAC R-309. Go to www.sac.edu/disted for more information. Email instructor first week of class.	INTRODUCTORY CHEMISTRY C. Jenkins	4 UNITS Jenkins_Crystal@sac.edu
COMPUTER SCIENCE 100 47809 (Online) Go to www.sac.edu/disted for more information. Email instructor first week of class.	THE COMPUTER AND SOCIETY G. Harding	3 UNITS Harding_Glen@sac.edu
COMPUTER SCIENCE 100 47810 (Online) Go to www.sac.edu/disted for more information. Email instructor first week of class.	THE COMPUTER AND SOCIETY G. Harding	3 UNITS Harding_Glen@sac.edu
COUNSELING 116 47538 OR 47540 OR 47541 OR 47542 (Online) Students must attend one of the following orientations: Aug 23 or Aug 30, 12:00-2:00pm or 7:00-9:00pm, SAC L-225. For additional information contact the instructor, www.sac.edu/students/counseling/staff/htm .	CAREER/LIFE PLANNING AND PERSONAL EXPLORATION D. Sadler	3 UNITS Sadler_Dennis@sac.edu

FALL 2011 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
COUNSELING 116 47543 (Hybrid) Online instruction plus on campus meetings every Monday, 6:00pm-7:30pm, SAC L-225. Go to www.sac.edu/disted for more information. Email instructor first week of class.	CAREER/LIFE PLANNING AND PERSONAL EXPLORATION 3 UNITS D. Sadler Sadler_Dennis@sac.edu	
CRIMINAL JUSTICE 103 50823 (Online) Online instruction plus mandatory on-campus meeting Monday, Aug. 22, 6:00-7:00pm, SAC H-207. Go to www.sac.edu/disted for more information. Email instructor first week of class	CONCEPTS OF CRIMINAL LAW 3 UNITS A. Gonis Gonis_Andrew@sac.edu	
ECONOMICS 120 47902 (Hybrid) Online instruction plus mandatory on-campus meetings. Saturdays, 8/27, 11/5, 12/3, 10:00-11:30am, SAC A-211. Go to www.sac.edu/disted for more information. Email instructor first week of class.	PRINCIPLES/ MACROECONOMICS 3 UNITS L. Ho Ho_Lac@sac.edu	
ECONOMICS 121 47898 (Hybrid) Online instruction plus mandatory on-campus meetings. Saturdays, 8/27, 11/5, 12/3, 11:40am-1:10pm, SAC A-211. Go to www.sac.edu/disted for more information. Email instructor first week of class.	PRINCIPLES/MICROECONOMICS 3 UNITS L. Ho Ho_Lac@sac.edu	
EDUCATION 204 50970 (Hybrid) Online instruction plus mandatory on-campus meetings every other Wednesday beginning Wednesday, Aug. 24, 7:00-10:00pm, SAC T-203. Go to www.sac.edu/disted for more information. Email instructor first week of class	PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR SECONDARY TEACHERS 3 UNITS Staff	
EDUCATION 205 50981 (Hybrid) Online instruction plus mandatory on-campus meetings every other Wednesday beginning Wednesday, Aug. 24, 7:00-10:00pm, SAC T-203. Go to www.sac.edu/disted for more information. Email instructor first week of class	PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR ELEMENTARY TEACHERS 3 UNITS Staff	
ENGLISH 061 47291 (Hybrid) Online instruction plus mandatory on-campus meetings. Wednesdays, 8/24, 9/28, 11/2, 12/7, 4:30-6:50pm, SAC I-104. Sixteen Writing Center lab hours required, one hour per week. Go to www.sac.edu/disted for more information. Email instructor first week of class.	INTRODUCTION TO COMPOSITION 3 UNITS G. Bennett Bennett_Gary@sac.edu	
ENGLISH 101 47334 (Hybrid) Online instruction plus mandatory on-campus meetings: Thursdays, 9/1, 9/15, 10/13, 11/17, 12/1, 4:00-6:50pm, SAC D-208. Go to www.sac.edu/disted for more information. Email instructor first week of class.	FRESHMAN COMPOSITION 4 UNITS N. Kabaji Kabaji_Noha@sac.edu	
ENGLISH 101 47338 (Hybrid) Online instruction plus mandatory on-campus meetings: Mondays, 8/22, 9/26, 10/31, 12/5, 4:00-5:50pm, SAC D-305 Go to www.sac.edu/disted for more information. Email instructor first week of class.	FRESHMAN COMPOSITION 4 UNITS J. Carey Carey_Jennifer@sac.edu	
ENGLISH 101 47346 (Hybrid) Online instruction plus mandatory on-campus meetings: Thursdays, 8/25, 9/29, 11/3, 12/8, 4:30-6:50pm, SAC D-214 Go to www.sac.edu/disted for more information. Email instructor first week of class.	FRESHMAN COMPOSITION 4 UNITS G. Bennett Bennett_Gary@sac.edu	
ENGLISH 101 47348 (Hybrid) Online instruction plus mandatory on-campus meetings: Thursdays, 8/25, 10/6, 11/3, 12/8, 4:00-5:50pm, SAC D-102 Go to www.sac.edu/disted for more information. Email instructor first week of class.	FRESHMAN COMPOSITION 4 UNITS D. Pearce Pearce_Diane@sac.edu	
ENGLISH 101 47349 (Hybrid) Online instruction plus mandatory on-campus meetings: Thursdays, 8/25, 10/6, 11/3, 12/8, 4:00-5:50pm, SAC D-212 Go to www.sac.edu/disted for more information. Email instructor first week of class.	FRESHMAN COMPOSITION 4 UNITS P. Nguyen Nguyen_Pete@sac.edu	
ENGLISH 102 47916 (Hybrid) Online instruction plus mandatory on-campus meetings. Mondays, 8/22, 9/26, 10/24, 11/21, 5:00-6:00pm, SAC D-401. Go to www.sac.edu/disted for more information. Email instructor first week of class.	LITERATURE AND COMPOSITION 4 UNITS C. Ramshaw Ramshaw_Charles@sac.edu	
ENGLISH 103 47377 (Hybrid) Online instruction plus mandatory on-campus meetings. Mondays, 8/22, 9/26, 11/7, 12/5, 5:00-6:50pm, SAC D-214. Go to www.sac.edu/disted for more information. Email instructor first week of class.	CRITICAL THINKING AND WRITING 4 UNITS M. Beyersdorf Beyersdorf_Matthew@sac.edu	

SECTION	INSTRUCTOR	EMAIL
ENGLISH 270 47396 (Online) Section 47396 is WEB only. Go to www.sac.edu/disted for more information. Email instructor first week of class	CHILDREN'S LITERATURE 3 UNITS G. Bennett Bennett_Gary@sac.edu	
ENGINEERING 012 48628 (Hybrid) Online instruction plus mandatory on-campus meetings every Monday, 7:00-8:00pm, SAC A-216. Go to www.sac.edu/disted for more information.	AEC BLUEPRINT READING 3 UNITS S. Sherod Sherod_Susan@sac.edu	
ENGINEERING 100B 49082 (Hybrid) Online instruction plus mandatory on-campus meetings every Wednesday, 6:00-6:55pm, SAC A-216. Go to www.sac.edu/disted for more information.	INTRODUCTION TO AEC 2 UNITS S. Sherod Sherod_Susan@sac.edu	
ENGINEERING 110 49135 (Online) Go to www.sac.edu/disted for more information.	ADVANCED CAD APPLICATIONS 4 UNITS Staff Sherod_Susan@sac.edu	
ENGINEERING 122 49120 (Hybrid) Online instruction plus mandatory on campus meetings every Tuesday & Wednesday, 7:00-9:10 pm, SAC A-214. Go to www.sac.edu/disted for more information.	ENGINEERING DRAWING 3 UNITS C. Takahashi Takahashi_Craig@sac.edu	
ENGINEERING 124 49125 (Hybrid) Online instruction plus mandatory on campus meetings every Tuesday & Wednesday, 7:00-9:10 pm, SAC A-214. Go to www.sac.edu/disted for more information.	ADVANCED DRAWING 3 UNITS C. Takahashi Takahashi_Craig@sac.edu	
ENGINEERING 142 48626 (Hybrid) Online instruction plus mandatory on campus meetings every Monday, 5:00-6:55 pm, SAC A-216. Go to www.sac.edu/disted for more information.	ARCHITECTURE/CIVIL ENGINEERING/CONSTRUCTION AND (AEC) DRAFTING STANDARDS 4 UNITS S. Sherod Sherod_Susan@sac.edu	
ENGINEERING 183 49106 (Online) Go to www.sac.edu/disted for more information. Email instructor first week of class.	AUTOCAD I COMPUTER AIDED DRAFTING 3 UNITS H. Gallegos Gallegos_Humberto@sac.edu	
ENGINEERING 186 49131 (Hybrid) Online instruction plus mandatory on campus meetings every Saturday, 9:00 am-12:10 pm, SAC A-214. Go to www.sac.edu/disted for more information.	AUTOCAD 3 DIMENSIONAL DRAWING 3 UNITS S. Sherod Sherod_Susan@sac.edu	
ENGINEERING 187 49132 (Hybrid) Online instruction plus mandatory on campus meetings every Saturday, 9:00 am-12:10 pm, SAC A-214. Go to www.sac.edu/disted for more information.	ADVANCED 3-D AUTO CAD 3 UNITS S. Sherod Sherod_Susan@sac.edu	
ENTREPRENEURSHIP 100 48636 (Online) Go to www.sac.edu/disted for more information. Email instructor first week of class.	INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP 3 UNITS G. Doolittle Doolittle_Glen@sac.edu	
ENTREPRENEURSHIP 100 49217 (Hybrid) Online instruction plus mandatory on-campus meetings: Thursdays, 9:30-10:55 am, SAC A-203. Go to www.sac.edu/disted for more information.	INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP 3 UNITS G. Doolittle Doolittle_Glen@sac.edu	
ENTREPRENEURSHIP 105 48615 (Hybrid) 10/20/11 – 12/8/11. Online instruction plus mandatory on campus meetings every Thursday, 6:00-10:10 pm, SAC A-207. Email instructor first week of class. Go to www.sac.edu/disted for more information	MARKET VALIDATION AND BOOTSTRAP MARKETING 2 UNITS Eric Vonheim Vonheim_Eric@sac.edu	
EXERCISE SCIENCE – ACTIVITIES 123 49124 (Online) Go to www.sac.edu/disted for more information. Email instructor first week of class.	PERSONAL FITNESS TRAINING 1 UNIT G. Jones Jones_Geoff@sac.edu	
EXERCISE SCIENCE - HEALTH 101 49041 (Online) 8/22/11 – 10/14/11. Go to www.sac.edu/disted for more information. Email instructor first week of class.	HEALTHFUL LIVING 3 UNITS D. Breig Breig_David@sac.edu	
EXERCISE SCIENCE - HEALTH 101 49043 (Online) 10/17/11 – 12/09/11. Go to www.sac.edu/disted for more information. Email instructor first week of class.	HEALTHFUL LIVING 3 UNITS D. Breig Breig_David@sac.edu	
EXERCISE SCIENCE – HEALTH 102 49122 (Online) Go to www.sac.edu/disted for more information. Email instructor first week of class.	WOMEN'S HEALTH ISSUES 3 UNITS J. Coffman Coffman_Jodi@sac.edu	
EXERCISE SCIENCE – HEALTH 102 49202 (Online) 8/22/11 – 10/14/11. Go to www.sac.edu/disted for more information. Email instructor first week of class.	WOMEN'S HEALTH ISSUES 3 UNITS K. Nutter Nutter_Kim@sac.edu	

FALL 2011 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
EXERCISE SCIENCE – HEALTH 104 NUTRITION AND FITNESS 2 UNITS 49034 (Online) T. Abbey Abbey_Troy@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE PROFESSIONAL 125 SPORT PSYCHOLOGY 3 UNITS 49123 (Online) J. Coffman Coffman_Jodi@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE PROFESSIONAL 150 SPORT AND SOCIETY 3 UNITS 49119 (Online) G. Jones Jones_Geoff@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE PROFESSIONAL 150 SPORT AND SOCIETY 3 UNITS 50546 (Online) M. Luppiani Luppiani_Flo@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
EXERCISE SCIENCE PROFESSIONAL 160 MANAGEMENT OF PHYSICAL EDUCATION AND SPORT 3 UNITS 49246 (Online) A Siddons Siddons_AI@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 101 FIRE PROTECTION ORGANIZATION 3 UNITS 47045 (Online) D. Stefano Stefano_Daniel@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 102 FIRE BEHAVIOR AND COMBUSTION 3 UNITS 47050 (Online) J. Ash Ash_Jeffrey@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 103 PERSONAL FIRE SAFETY 3 UNITS 47055 (Online) J. Hirsch Hirsch_Jamie@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 104 FIRE PREVENTION TECHNOLOGY 3 UNITS 47059 (Online) S. Freeman Freeman_Suzanne@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 105 BUILDING CONSTRUCTION FOR FIRE PROTECTION 3 UNITS 47063 (Online) D. Wiskus Wiskus_Dennis@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
FIRE TECHNOLOGY 106 FIRE PROTECTION EQUIPMENT AND SYSTEMS 3 UNITS 47067 (Online) D. Wiskus Wiskus_Dennis@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
HISTORY 120 THE UNITED STATES TO 1865 3 UNITS 47934 (Hybrid) J. Heeren Heeren_Jeffrey@sac.edu Online instruction plus mandatory on-campus meetings. Mondays, 8/22, 9/26, 10/24, 11/21, 12:00pm-12:50pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
HISTORY 121 THE UNITED STATES SINCE 1865 3 UNITS 47944 (Hybrid) T. Menzing Menzing_Todd@sac.edu Online instruction plus mandatory on-campus meetings. Mondays, 8/22, 9/26, 10/24, 11/21, 1:00-1:50pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
HUMAN DEVELOPMENT 107 CHILD GROWTH AND DEVELOPMENT 3 UNITS 50985 (Online) M. Hardy Hardy_Michelle@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
HUMAN DEVELOPMENT 112 HEALTH, SAFETY AND NUTRITION FOR CHILDREN 3 UNITS 51048 (Hybrid) M. Hardy Hardy_Michelle@sac.edu Online instruction plus mandatory on-campus meetings: Saturdays, 8/27, 10/1, 11/5, 12/3, 9:30am-12:30pm, SAC V-151. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
LIBRARY TECHNOLOGY LIBRARY INTERNSHIP 3 UNITS 49333 (Hybrid) Y. Garcia Garcia_Yolanda@sac.edu Online instruction plus mandatory on campus meetings: Wednesdays, 4:00pm-5:55pm, SAC L-112-1. Go to www.sac.edu/disted for more information. Email instructor first week of class. Go to www.sac.edu/disted for more information.		
MATHEMATICS 060 ELEMENTARY ALGEBRA 4 UNITS 49221 (Hybrid) C. Solheid Solheid_Christa@sac.edu Between the dates of 8/17 to 8/19 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Fridays, 9/23, 10/21, 11/18, 12/9, 6:00-8:00 pm, SAC I-202. Go to www.sac.edu/disted for more information.		
MATHEMATICS 080 INTERMEDIATE ALGEBRA 4 UNITS 49626 (Hybrid) D. Vu Vu_Dahlia@sac.edu Between the dates of 8/17 to 8/19 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Fridays, 9/23, 10/21, 11/18, 12/9, 6:00-8:00 pm, SAC I-203. Go to www.sac.edu/disted for more information.		

SECTION	INSTRUCTOR	EMAIL
MATHEMATICS 105 MATHEMATICS FOR LIBERAL ARTS STUDENTS (CAN MATH 2) 3 UNITS 49226 (Hybrid) R. Shahbazian Shahbazian_Roy@sac.edu Between the dates of 8/17 to 8/19 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Fridays, 9/23, 10/21, 11/18, 12/9, 4:00-6:00 pm, SAC I-202. Go to www.sac.edu/disted for more information.		
MATHEMATICS 140 COLLEGE ALGEBRA(CAN MATH 4) 4 UNITS 49227 (Hybrid) C. Carrera Carrera_Cheryl@sac.edu Between the dates of 8/17 to 8/19 email the instructor for instructions on how to view the mandatory orientation. Online instruction plus mandatory on campus meetings: Fridays, 9/23, 10/21, 11/18, 12/9, 6:00-8:00 pm, SAC I-204. Go to www.sac.edu/disted for more information.		
MARKETING 113 PRINCIPLES OF MARKETING 3 UNITS 48621 (Hybrid) M. Grant Grant_Madeline@sac.edu Online instruction plus mandatory on-campus meetings. Tuesdays, 9:30-10:55 am, SAC A-203. Go to www.sac.edu/disted for more information.		
MUSIC 101 MUSIC APPRECIATION 3 UNITS 51953 (Online) E. Jones Jones_Elliott@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
MUSIC 211 MUSIC HISTORY AND LITERATURE 3 UNITS 50163 (Online) E. Jones Jones_Elliott@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
NUTRITION 115 NUTRITION 3 UNITS 50723 (Online) Rita Higgins Higgins_Rita@sac.edu Mandatory on campus orientation Wednesday, 8/24, 6:30 – 8:30pm., SAC T-212. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
OCCUPATIONAL THERAPY ASSISTANT 100 TERMINOLOGY AND DOCUMENTATION FOR THE O.T.A. 1 UNIT 50785 (Online) M. Parolise Parolise_Michelle@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
OCCUPATIONAL THERAPY ASSISTANT 101 FOUNDATIONS OF OCCUPATION AND OCCUPATIONAL THERAPY 4 UNITS 50786 (Online) S. Reeder Reeder_Shellie@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
OCCUPATIONAL THERAPY ASSISTANT 103 PHYSICAL FUNCTION AND DYSFUNCTION 4 UNITS 50790 (Online) V. Vu Vu_Victoria@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
OCCUPATIONAL THERAPY ASSISTANT 110 HUMAN OCCUPATION ACROSS LIFESPAN 3 UNITS 50797 (Online) M. Parolise Parolise_Michelle@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
OCCUPATIONAL THERAPY ASSISTANT 201 CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE 4 UNITS 50792 (Hybrid) M. Parolise Parolise_Michelle@sac.edu Online instruction plus mandatory on-campus meetings: Saturdays, 9/10, 9/24, 10/8, 10/15, 10/22, 10/29, 11/5, 11/12, 11/19, 12/3, 9:00am-12:00pm, SAC T-210. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PARALEGAL 101 LAW OFFICE MANAGEMENT 2 UNITS 48847 (Online) R. Manzano Manzano_Rick@sac.edu Go to www.sac.edu/disted for more information.		
PARALEGAL 105 COOPERATIVE WORK EXPERIENCE EDUCATION-OCCUPATIONAL 1-4 UNITS 51648 (Online) C. De Boer deboer_christine@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class		
PARALEGAL 121 ETHICS AND PROFESSIONAL RESPONSIBILITY 2 UNITS 48860 (Online) R. Manzano Manzano_Rick@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PARALEGAL 299 COOPERATIVE WORK EXPERIENCE EDUCATION-OCCUPATIONAL 1-4 UNITS 51649 (Online) C. De Boer deboer_christine@sac.edu Go to www.sac.edu/disted for more information. Email instructor first week of class		
PHARMACY TECHNOLOGY 048 INTRODUCTION TO PHARMACY TECHNOLOGY 2 UNITS 50949 (Hybrid) J. Ross Jr Rossjr_John@sac.edu Online instruction plus mandatory on-campus meetings every other Saturday starting 8/27, 8:00-10:05am, SAC H-201. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PHARMACY TECHNOLOGY 052 BODY SYSTEMS II 3.5 UNITS 50955 (Hybrid) H. Nguyen Nguyen_Hieu@sac.edu Online instruction plus mandatory on-campus meetings every other Monday starting 8/22, 6:00-9:45pm, SAC H-205. Go to www.sac.edu/disted for more information. Email instructor first week of class.		

FALL 2011 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
PHARMACY TECHNOLOGY 054 PHARMACY CALCULATIONS 2 UNITS 50958 (Hybrid) J. Ross Jr Rossjr_John@sac.edu Online instruction plus mandatory on-campus meetings every other Saturday starting 8/27, 10:15am-12:20pm, SAC H-201. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
PHILOSOPHY 110 CRITICAL THINKING 4 UNITS 48276 (Hybrid) Z. Fish Fish_Zachary@sac.edu Online instruction plus mandatory on campus meetings. Mondays 8/22, 9/19, 10/24, 11/28, 5:00-6:50pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
POLITICAL SCIENCE 101 INTRODUCTION TO AMERICAN GOVERNMENT 3 UNITS 47508 (Hybrid) T. Murphy Murphy_Tim@sac.edu Online instruction plus mandatory on campus meetings. Saturdays 8/27, 10/15, 12/3, 10:00-11:30am, SAC D-102. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SOCIOLOGY 100 INTRODUCTION TO SOCIOLOGY 3 UNITS 47704 (Hybrid) Staff Online instruction plus mandatory on-campus meetings. Wednesdays 8/24, 9/24, 10/26, 12/7, 5:00-6:00pm, SAC D-105. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SPANISH 101 ELEMENTARY SPANISH I 5 UNITS 47720 (Hybrid) M. Guerrero Guerrero_Martha@sac.edu Online instruction plus mandatory on-campus meetings. Mondays, 8/22, 9/12, 10/3, 10/31, 11/28, 4:30-6:50pm, SAC D-304. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SPANISH 102 ELEMENTARY SPANISH II 5 UNITS 47723 (Hybrid) J. Galvan Galvan_Javier@sac.edu Online instruction plus mandatory on-campus meetings. Tuesdays, 8/23, 9/13, 10/11, 11/8, 11/29, 4:30-6:40pm, SAC D-303. Go to www.sac.edu/disted for more information. Email instructor first week of class.		

SECTION	INSTRUCTOR	EMAIL
SPEECH COMMUNICATION 101 INTERPERSONAL COMMUNICATION 3 UNITS 48167 (Hybrid) K. Hondo Honda_Kesha@sac.edu Online instruction plus mandatory on-campus meetings, Monday, 8/22, 2:30-3:30pm and Wednesdays 11/30, 12/7, 3:00-6:00pm, SAC C-207. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
SPEECH COMMUNICATION 103 INTRO. TO INTERCULTURAL COMMUNICATION 3 UNITS 48175 (Hybrid) K. Hondo Honda_Kesha@sac.edu Online instruction plus mandatory on-campus meetings, Tuesday 8/23, 12:30-1:50pm and Thursday 12/1, OR Tuesday 12/6, 12:30-3:30pm, SAC C-202. Go to www.sac.edu/disted for more information. Email instructor first week of class.		
STUDY SKILLS 109 COLLEGE LEARNING SKILLS 3 UNITS 50824 (Online) Staff 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 49749 OR 49752 (Online) V. Tivenan Tivenan_Valinda@sac.edu Go to www.sac.edu/disted for more information.		
THEATRE ARTS 131 STAGECRAFT 3 UNITS 49774 (Online) V. Tivenan Tivenan_Valinda@sac.edu Online instruction plus 2 hours lab session on campus each week in P-108. Go to www.sac.edu/disted for more information.		
THEATRE ARTS 166A PROGRAMMING AND DESIGN PROJECTS 1 UNIT 50736 (Online) S. Small Small_Sean@sac.edu Online instructions 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 50742 (Online) S. Small Small_Sean@sac.edu 8/22/11 – 10/14/11. Online instruction plus mandatory on campus lab hours 9/10, 9/17, 9/24, 10/1, 9am-4pm, P-100. Go to www.sac.edu/disted for more information.		

TELEVISION COURSES FOR FALL 2011



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. 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. Most telecourse DVDs are available for purchase in the SAC bookstore or for checkout in the SAC and SCC libraries.

SECTION	TIME	DAYS	INSTRUCTOR	LOC./RM.	DATES
GEOLOGY 101 INTRODUCTION TO GEOLOGY 3 UNITS 48368 P. Hughes Hughes_Phil@sac.edu Telecourse instruction plus mandatory on-campus review sessions: Thursdays, 9/8, 9/29, 10/20, 11/17, 12/8, 5:30-6:30pm, SAC R-111. Go to www.sac.edu/disted for more information					
HISTORY 120 THE UNITED STATES TO 1865 3 UNITS 47938 K. Guzman Guzman_Kristen@sac.edu Telecourse instruction plus mandatory orientation and optional on-campus review sessions: Mondays, 8/22, 9/12, 10/10, 11/7, 12/5, 5:00-6:00pm, SAC D-102. Go to www.sac.edu/disted for more information					
HISTORY 121 THE UNITED STATES SINCE 1865 3 UNITS 47945 G. Ghelfi Ghelfi_Gerald@sac.edu Telecourse instruction plus optional on-campus review sessions: Mondays, 8/22, 9/19, 10/10, 10/31, 11/21, 5:00-6:00pm, SAC D-106. Go to www.sac.edu/disted for more information.					
HUMAN DEVELOPMENT 107 CHILD GROWTH AND DEVELOPMENT 3 UNITS 50990 J. Pugh Pugh_James@sac.edu Telecourse instruction plus optional on-campus orientation and review sessions on Wed. 8/24, 5:30-7:00pm, SAC R-114, Thur. 9/8, 9/29, 10/27, 11/17 & 12/1, 6:00-7:00pm, 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 www.sac.edu/disted.

Students without access to a computer and the Internet, can go to the Academic Computing Center located in SAC A-106 or contact the Distance Education Office for assistance. (SAC A-101 or 714-564-6725).

It is extremely important that your current address, phone number and email address is on file in the Admissions Office. Please contact the Distance Education Office, 714-564-6725, if you do not receive your information by August 22, 2011. Visit our website at www.sac.edu/disted.

SECTION	TIME	DAYS	INSTRUCTOR	LOC./RM.	DATES
INTERDISCIPLINARY STUDIES 121 HUMANITIES THROUGH THE ARTS 3 UNITS 50843 B. Kehlenbach Kehlenbach_Brian@sac.edu Telecourse instruction plus mandatory on-campus review sessions: Tuesdays, 8/30, 9/13, 10/11, 11/8, 11/29, 5:00-6:30pm, SAC A-210. Go to www.sac.edu/disted for more information					
PSYCHOLOGY 100 INTRODUCTION TO PSYCHOLOGY 3 UNITS 47548 N. Barbari Barbari_Nicole@sac.edu No on-campus meetings. Go to www.sac.edu/disted for more information.					
SOCIOLOGY 100 INTRODUCTION TO SOCIOLOGY 3 UNITS 47710 N. Rogers Rogers_Neal@sac.edu Telecourse instruction plus optional on-campus orientation: Sat. 8/27, 9-10am, SAC R-126 OR Tue, 8/30, 5-6pm, SAC D-101. Go to www.sac.edu/disted for more information.					
SOCIOLOGY 112 RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS 3 UNITS 47712 N. Rogers Rogers_Neal@sac.edu Telecourse instruction plus optional on-campus orientation: Sat. 8/27, 10-11am, SAC R-126 OR Tue, 8/30, 6-7pm, SAC D-101. Go to www.sac.edu/disted for more information.					

FRESHMAN EXPERIENCE – LEARNING COMMUNITIES AT SANTA ANA COLLEGE

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

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

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

Other Benefits Include:

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

Important:

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

FRESHMAN EXPERIENCE COURSES — FALL 2011

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
1	47385 English N50 47473 Counseling 107	8:00a-9:25a 10:00a-11:25a	Tu Th Tu Th	Bromberger K Nguyen Thu	D-201 D-214
2	47398 English N60 47472 Counseling 107	10:15a-12:20p 8:30a-9:55a	M W M W	Bassett D Coffman J	I-207 I-102
3	47397 English N60 47474 Counseling 107	8:00a-10:05a 10:15a-11:40a	Tu Th Tu Th	Beyersdorf M Castro R	L-202 I-209
4	47313 English 061 47477 Counseling 107	11:45a-1:50p 8:00a-9:25a	Tu Th M W	Simmerman S Lockhart A	I-104 I-209
5	47299 English 061 47476 Counseling 107	11:30a-1:35p 9:30a-10:55a	Tu Th Tu Th	Mitzner R Kelley M	D-213 I-202
6	47295 English 061 47475 Counseling 107	9:30a-11:35a 8:00a-9:25a	Tu Th Tu Th	Carroll A Romero A	B-31 A-214
7 PUENTE	47297 English 061 47466 Counseling 107	9:00a-11:05a 11:30a-2:40p	Tu Th Tu	Martinez D Sanabria R	I-107 V-151
8 USDA	49949 English 101 48586 Counseling 116	9:00a-11:05a 12:30p-3:40p	Tu Th W	Pecenovic N Vargas M	D-103 I-108
9	47323 English 101 47520 Psych 100 47491 Counseling 116	11:30a-1:35p 9:45a-11:10a 11:00a-12:25a	Tu Th Tu Th M W	Bassett D Ortiz F Gilmour D	D-204 D-106 I-101
10 U-LINK	47688 History 124 47464 Counseling 107	8:00a-9:25a 12:45p-3:55p	Tu Th W	Veyna A Castellanos M	D-204 D-105
11 U-LINK	48300 Chemistry 109 Chemistry 109 Lab 47467 Counseling 107	11:00a-12:25p 3:00p-6:10p 12:45p-3:55p	M W M W	Kelcher M Kelcher M Lockhart A	R-114 R-302 I-202
12	48416 Math N48 47478 Counseling 107	10:15a-12:20p 8:30a-9:55a	M W M W	Rogers N Castro R	R-113 V-150
13	48415 Math N48 47465 Counseling 107	8:30a-10:35a 11:00a-12:25p	Tu Th Tu Th	Marecek L Robledo R	R-113 D-212

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
14	48472 Math 060 47479 Counseling 107	12:00p-2:05p 2:30p-3:55p	Tu Th Tu Th	Lechuga J Staff	B-31 I-108
15	48733 Math 060 47480 Counseling 107	2:45p-4:50p 1:00p-2:25p	M W M W	Meier K Plum C	H-105 I-209
16	48701 Math 060 47471 Counseling 107	9:45a-11:50a 8:00a-9:25a	M W M W	Hager B Blake S	R-117 A-214
17	49186 Math 081 47468 Counseling 107	10:15a-12:45p 8:30a-09:55a	Tu Th Tu Th	Everett M Everett K	I-203 I-209

Weekly Lab Attendance Required.

THE HONORS PROGRAM AT SANTA ANA COLLEGE



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

FALL 2011 HONORS CLASSES:

Anthropology 100H, Honors Introduction to Cultural Anthropology	47117	8:00a-9:25a	M W	Wood S	SAC D-401
Biology 109H, Honors Fundamentals of Biology	48264	3:30p-4:55p	Tu Th	Staff	SAC I-204
English 101H, Honors Freshman Composition	47356	7:30a-9:35a	Tu Th	Mitzner R	SAC D-214
	47370	10:00a-12:05p	Tu Th	Patterson K	SAC D-107
English 103H, Honors Critical Thinking and Writing	47380	10:15a-12:20p	M W	Bennett G	SAC I-109
Mathematics 219H, Honors Statistics and Probability	49230	12:45p-3:15p	Tu Th	Mc Clure C	SAC A-215
Philosophy 106H, Honors Introduction to Philosophy	47275	9:45a-11:10a	Tu Th	Shigematsu T	SAC D-105
Political Science 101H, Honors Introduction to American Governments	47511	9:45a-11:10a	M W	Andrade P	SAC D-434
Social Science 219H, Honors Statistics and Probability	50351	12:45p-3:15p	Tu Th	Mc Clure C	SAC A-215
Speech Communication 101H, Honors Introduction to Interpersonal Communication	48151	11:00a-12:25p	M W	Hondo K	SAC C-202

LEARNING COMMUNITIES II

Learning Communities Aren't Just for Freshmen!

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

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

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

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

LEARNING COMMUNITIES II — FALL 2011

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
1	48325 Chemistry 209 48325 Chemistry Lab 47518 Counseling 111	9:30a-10:55a 11:30a-2:40p 9:00a-9:50a	M W M F	McMillan J McMillan J Castro R	R-126 R-301 I-108
2	47370 English 101H 47117 Anthropology 100H	10:00a-12:05p 08:00a-9:25a	TuTh M W	Patterson K Wood S	D-107 D-401

Online Counseling Now Available!

www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ACCOUNTING

ACCOUNTING 010, ACCOUNTING PROCEDURES 3 UNITS

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

48720	9:30a-10:55a	Tu Th	Gonzalez Del Rio R	SAC A-207	Full Semester
48721	7:00p-10:10p	M	Bloom G	SAC A-203	Full Semester

ACCOUNTING 032, PAYROLL ACCOUNTING 1 UNIT

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

48723	7:00p-9:05p	M	Bloom M	SAC A-222	10/17-12/05
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ACCOUNTING 035, QUICKBOOKS 2 UNITS

Preparation of accounting records for businesses using the QuickBooks software in the Windows environment. Topics include customer transactions, vendor transactions, bank reconciliations, reports, company file setup, and customization of QuickBooks.

48725	TBA		Shain S	SAC WEB	08/22-10/11
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Section 48725 online instruction. Go to www.sac.edu/disted for more information. When registered, go to <http://rscdd.blackboard.com> and make sure your current e-mail is in personal information.

48726	TBA		Shain S	SAC WEB	10/18-12/06
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Section 48726 online instruction. Go to www.sac.edu/disted for more information. When registered, go to <http://rscdd.blackboard.com> and make sure your current e-mail is in personal information.

48728	6:00p-10:15p	M	Bloom M	SAC A-228	08/22-10/10
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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.

48756	TBA		Shain S	SAC WEB	Full Semester
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Section 48756 online instruction. Go to www.sac.edu/disted for more information. When registered, go to <http://rscdd.blackboard.com> and make sure your current email is in personal information.

48730	TBA		Trone J	SAC HYBRID	Full Semester
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Section 48730 hybrid instruction combines mandatory on campus meetings every Wed, 6:00pm-9:00pm, SAC A-209 plus online instruction.

48759	8:00a-10:05a	Tu Th	Shain S	SAC A-211	Full Semester
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48763	8:00a-10:05a	M W	Mitchell E	SAC A-211	Full Semester
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48761	8:00a-12:10p	Sa	Mitchell E	SAC A-209	Full Semester
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48770	9:30a-11:35a	M W	Shain S	SAC A-209	Full Semester
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48771	10:15a-12:20p	Tu Th	Mitchell E	SAC A-211	Full Semester
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48772	11:15a-1:20p	Tu Th	Trone J	SAC A-209	Full Semester
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48775	6:00p-10:10p	Tu	Bloom G	SAC A-211	Full Semester
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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.

48776	9:00a-11:05a	Tu Th	Trone J	SAC A-209	Full Semester
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48777	10:15a-12:20p	M W	Mitchell E	SAC A-211	Full Semester
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48780	1:00p-4:50p	Sa	Mitchell E	SAC A-209	Full Semester
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48783	6:00p-10:10p	Th	Phung T	SAC A-209	Full Semester
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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.

48784	TBA		Trone J	SAC WEB	Full Semester
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Section 48784 online instruction. Go to <http://rscdd.blackboard.com> and make sure your current e-mail address is in personal information.

48785	6:00p-10:10p	Tu	Matheny R	SAC A-209	Full Semester
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ACCOUNTING 105, INTERMEDIATE FEDERAL AND CALIFORNIA TAXES 4 UNITS

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

50418	6:00p-10:10p	W	Siebert P	SAC A-211	Full Semester
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ACCOUNTING 124, COMPUTERIZED INCOME TAX PREPARATION 1 UNIT

This course provides a student with the practical knowledge of income tax preparation, tax planning and income tax research, using commercial Tax software.

48798	4:50p-5:50p	W	Siebert P	SAC A-222	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

48792	7:00p-10:10p	Tu	Bloom M	SAC A-228	Full Semester
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ACCOUNTING 170, MICROSOFT DYNAMICS FOR FINANCIAL ACCOUNTING - CORE MODULES 4 UNITS

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

48795	6:00p-10:10p	M	Phung T	SAC A-108	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.

47115	9:00a-12:10p	F	Wood S	SAC D-401	Full Semester
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47114	9:45a-11:10a	M W	Wood S	SAC D-401	Full Semester
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47113	11:30a-12:55p	Tu Th	Robertson M	SAC D-401	Full Semester
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47116	7:00p-10:10p	M	Staff	SAC D-401	Full Semester
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47112	7:00p-10:10p	Th	Staff	SAC D-401	Full Semester
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ANTHROPOLOGY 100H, HONORS INTRODUCTION TO CULTURAL ANTHROPOLOGY 3 UNITS

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

47117	8:00a-9:25a	M W	Wood S	SAC D-401	Full Semester
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Section 47117 is linked with English 101H section 47370.

Enrollment in both sections is mandatory.

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

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.

47118	9:45a-11:10a	Tu Th	Robertson M	SAC D-401	Full Semester
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47171	11:30a-12:55p	M W	Robertson M	SAC D-401	Full Semester
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47170	7:00p-10:10p	Tu	Staff	SAC D-401	Full Semester
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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.

47172	1:30p-4:40p	Th	Robertson M	SAC D-401	Full Semester
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47173	1:30p-4:40p	W	Robertson M	SAC D-401	Full Semester
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47174	7:00p-10:10p	W	Robertson M	SAC D-401	Full Semester
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ANTHROPOLOGY 104, LANGUAGE AND CULTURE 3 UNITS

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

47177	8:00a-9:25a	Tu Th	Jaros B	SAC D-208	Full Semester
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ANTHROPOLOGY 105, ANCIENT MESOAMERICAN CIVILIZATION 3 UNITS

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

47186	7:00p-10:10p	Tu	Veyna A	SAC D-212	Full Semester
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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.

ART

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ART 009, ART LAB 0.5 UNIT					
<i>An open lab for studio art students devoting additional hours on projects. Projects, determined by class assignments, vary by semester. Twenty-four lab hours per semester earn .5 unit.</i>					
Open Entry / Open Exit					
47830	9:00a-12:20p	F	Crabb P	SAC C-105	Full Semester
47831	5:00p-6:30p	Tu Th	Orr E	SAC C-210	Full Semester
47832	5:15p-6:25p	M W	Orr E	SAC C-210	Full Semester
ART 100, INTRODUCTION TO ART CONCEPTS 3 UNITS					
<i>A study of the visual arts in relation to both personal and cultural expressions. Fundamentals of visual organization, color theory, terminology, historical art movements and concepts will be studied. Required for art majors.</i>					
47833	TBA		Brown S	SAC WEB	Full Semester
Section 47833 Go to www.sac.edu/disted for more information. Log in to BLACKBOARD first week of class.					
47835	TBA		Brown S	SAC WEB	Full Semester
Section 47835 Go to www.sac.edu/disted for more information. Log in to BLACKBOARD first week of class.					
47836	8:00a-9:25a	M W	Staff	SAC C-104	Full Semester
47837	8:00a-9:25a	Tu Th	Redfield M	SAC C-104	Full Semester
47838	9:30a-10:55a	M W	Faseler S	SAC C-104	Full Semester
47839	11:00a-12:25p	Tu Th	Redfield M	SAC C-104	Full Semester
47841	12:30p-1:55p	M W	Marquez P	SAC C-104	Full Semester
47842	1:00p-2:25p	Tu Th	Faseler S	SAC C-104	Full Semester
47843	6:00p-10:05p	F	Redfield M	SAC C-104	09/09-10/15
	12:30p-4:35p	Sa	Redfield M	SAC C-104	
47844	6:30p-9:40p	M	Soriano I	SAC C-104	Full Semester
ART 101, SURVEY OF WESTERN ART HISTORY I: PREHISTORY THROUGH THE MIDDLE AGES 3 UNITS					
<i>The study of art from Prehistory through Middle Ages. Cultures and Civilizations are studied through visual imagery, lecture, class discussion, reading, research and field trips. Recommended sequence of courses: Art 100, Art 101, Art 102.</i>					
47845	6:30p-9:40p	Th	Soriano I	SAC C-207	Full Semester
ART 102, SURVEY OF WESTERN ART HISTORY II: RENAISSANCE THROUGH THE TWENTIETH CENTURY 3 UNITS					
<i>The study of Western art history from the Renaissance through the 20th century. Art movements and individual painters, sculptors, architects and printmakers will be presented within the context of the social, political and intellectual histories of their respective periods. Required for art majors.</i>					
47846	9:30a-10:55a	Tu Th	Soriano I	SAC C-207	Full Semester
ART 104, MEXICAN AND CHICANO ART HISTORY 3 UNITS					
<i>The history and appreciation of Mexican and Chicano art from the pre-Columbian to the present, including the modern murals of Mexico and the United States.</i>					
47848	9:30a-10:55a	M W	Soriano I	SAC A-130	Full Semester
47901	11:00a-12:25p	Tu Th	Soriano I	SAC C-213	Full Semester
47954	6:30p-9:40p	W	Soriano I	SAC C-104	Full Semester
ART 105, HISTORY OF MODERN ART 3 UNITS					
<i>History of painting, sculpture, architecture, prints and applied arts from the late nineteenth century through the twentieth century. Covers the formal philosophic, spiritual and historical background of art from Post Impressionism to Post Modernism. For general students and art majors.</i>					
47955	6:30p-9:40p	M	Marquez P	SAC C-213	Full Semester
ART 106, ASIAN ART HISTORY 3 UNITS					
<i>Historical survey of the visual arts of China, Japan, India and Southeast Asia. Includes relationship of Far Eastern philosophy and culture to artistic achievement. Emphasizes works of art, in terms of style, technique and content.</i>					
47956	6:30p-9:40p	Tu	Miura C	SAC C-207	Full Semester
ART 110, TWO-DIMENSIONAL DESIGN 3 UNITS					
<i>Introduction to the principles and elements of two-dimensional design. Provides instruction in the fundamentals of visual communication including color theory, composition, and expression. Application of concepts through creative projects. Required for art majors.</i>					
47958	6:30p-7:20p	M W	Hostetter D	SAC C-208	Full Semester
	7:30p-9:40p	M W	Hostetter D	SAC C-208	
ART 111, THREE-DIMENSIONAL DESIGN 3 UNITS					
<i>Fundamentals of visual organization as applied to objects in-the-round. Visual space problems, structure and dimensional terminology through creative projects in various media. Required for art majors.</i>					
47959	9:30a-10:20a	Tu Th	Hassold L	SAC C-106	Full Semester
	10:30a-12:40p	Tu Th	Hassold L	SAC C-106	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ART 122, GRAPHIC DESIGN I 3 UNITS					
<i>Introduction to basic graphic design concepts, techniques and practices resulting in the production of effective visual communications. Projects combine text with images, using current industry standards and technology in print media and other design applications. Art 110, 162, 191A, and 192A recommended.</i>					
Prerequisite: Art 195.					
Material Fee(s): \$15					
47960	6:30p-7:20p	Tu Th	Tani K	SAC A-219	Full Semester
	7:30p-9:40p	Tu Th	Tani K	SAC A-219	
ART 124, GALLERY PRODUCTION 2 UNITS					
<i>Introduction in preparation and installation of art exhibits, gallery management, and working on a museum exhibition staff. Includes lectures, visits to artists' studios, and opportunities to work on art shows in two college galleries. Field trips include visits to local galleries and behind-the-scenes museum tours of collections and exhibition preparation areas.</i>					
Open Entry / Open Exit					
47966	TBA		Marquez P	SAC C-101	Full Semester
ART 129, GRAPHIC DESIGN CONCEPTS FOR THE WEB 3 UNITS					
<i>Introduction to graphic design for Web. An overview of the elements and principles of art as they relate to Web design. Includes learning the technical requirements for colors, fonts, file optimization, effects, image resolution, and special effects. Includes creative Web design projects. (Same as Computer Science 155.)</i>					
Prerequisite: Art 195.					
Material Fee(s): \$10					
48013	6:00p-8:55p	F	Caterina A	DMC-104	Full Semester
	9:00p-10:05p	F	Caterina A	DMC-104	
ART 130, INTRODUCTION TO DRAWING 3 UNITS					
<i>Introductory course in expressive drawing, exploring line, form, composition, and a variety of media. Drawing from man-made objects and natural forms. Required for art majors.</i>					
48019	9:30a-10:20a	Tu Th	Genoway K	SAC C-210	Full Semester
	10:30a-12:40p	Tu Th	Genoway K	SAC C-210	
48023	1:00p-1:55p	Tu Th	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	Tu Th	Herberg M	SAC C-210	
48024	2:00p-2:55p	M W	Lee D	SAC C-208	Full Semester
	3:00p-5:10p	M W	Lee D	SAC C-208	
48025	6:30p-7:20p	Tu Th	Hower T	SAC C-210	Full Semester
	7:30p-9:40p	Tu Th	Hower T	SAC C-210	
ART 131, BEGINNING LIFE DRAWING 3 UNITS					
<i>Introduction to drawing the human form by observing live models for studies in anatomy, structure, and composition. Exposure to traditional and contemporary figurative drawing while exploring media and methods. Required for art majors. Art 130 recommended.</i>					
48030	9:00a-9:55a	M W	Du Plessis D	SAC C-210	Full Semester
	10:00a-12:10p	M W	Du Plessis D	SAC C-210	
ART 140A, WATERCOLOR PAINTING 2 UNITS					
<i>Introduction to watercolor painting as a creative art form with emphasis on transparent watercolor techniques. Course includes principles of composition and color theory, materials selection, tools, terminology and techniques. Students develop basic watercolor skills while painting from simple forms and progressing to a variety of subjects.</i>					
48037	12:45p-1:50p	Tu	Orr E	SAC C-208	Full Semester
	2:00p-5:00p	Tu	Orr E	SAC C-208	
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.					
48043	12:45p-1:50p	Tu	Orr E	SAC C-208	Full Semester
	2:00p-5:00p	Tu	Orr E	SAC C-208	
ART 141, BEGINNING PAINTING 3 UNITS					
<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 110 and 130 recommended.</i>					
48044	2:00p-2:55p	M W	Orr E	SAC C-210	Full Semester
	3:00p-5:10p	M W	Orr E	SAC C-210	
48046	6:30p-7:20p	M W	Orr E	SAC C-210	Full Semester
	7:30p-9:40p	M W	Orr E	SAC C-210	
ART 143, LANDSCAPE WATERCOLOR 2 UNITS					
<i>Intermediate course in transparent watercolor using the Southern California landscape as studio and subject for paintings. Explores variety of techniques, papers, brushes, pigments. Further study of compositional/conceptual elements leading to development of individual expression.</i>					
Prerequisite: Art 140A.					
48567	12:45p-1:50p	Tu	Orr E	SAC C-208	Full Semester
	2:00p-5:00p	Tu	Orr E	SAC C-208	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ART 151, CERAMICS-INTRODUCTORY LEVEL 3 UNITS

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

Material Fee(s): \$8

48047	9:00a-9:55a	M W	Crabb P	SAC C-105	Full Semester
	10:00a-12:10p	M W	Crabb P	SAC C-105	
48575	1:00p-1:55p	M W	Crabb P	SAC C-105	Full Semester
	2:00p-4:00p	M W	Crabb P	SAC C-105	
48601	7:00p-7:55p	Tu Th	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	Tu Th	Crabb P	SAC C-105	

ART 152, CERAMICS-INTERMEDIATE THROWING 3 UNITS

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

Prerequisite: Art 151.

Material Fee(s): \$8

48602	9:00a-9:55a	M W	Crabb P	SAC C-105	Full Semester
	10:00a-12:10p	M W	Crabb P	SAC C-105	

ART 153, CERAMICS-INTERMEDIATE HANDBUILDING 3 UNITS

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

Prerequisite: Art 151.

Material Fee(s): \$8

48603	7:00p-7:55p	Tu Th	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	Tu Th	Crabb P	SAC C-105	

ART 162, DIGITAL DESIGN WITH PHOTOSHOP-I 3 UNITS

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

Prerequisite: Art 195 or portfolio approval.

Material Fee(s): \$15

48717	6:30p-7:25p	M W	Brown S	DMC-104	Full Semester
	7:30p-9:40p	M W	Brown S	DMC-104	

ART 180, VIDEO GAME & INTERACTIVE MEDIA ART 3 UNITS

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

Prerequisite: Art 196A.

Material Fee(s): \$25

48724	2:00p-2:55p	Tu Th	Stein N	SAC A-223	Full Semester
	3:00p-4:25p	Tu Th	Stein N	SAC A-223	

ART 185, FUNDAMENTALS OF CARTOONING AND STORYBOARDING 3 UNITS

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

48734	9:00a-10:25a	F	Sivertsen K	SAC C-207	Full Semester
	10:30a-12:10p	F	Sivertsen K	SAC C-207	

1.5 hours arranged each week

ART 191A, DIGITAL PUBLISHING WITH INDESIGN 3 UNITS

An introduction to digital 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.

Prerequisite: Art 195.

Material Fee(s): \$10

50810	11:30a-12:30p	Tu Th	Baitoo H	SAC A-219	Full Semester
	12:35p-2:35p	Tu Th	Baitoo H	SAC A-219	

ART 192A, DIGITAL ILLUSTRATION WITH ILLUSTRATOR 3 UNITS

An introduction to design and illustration techniques using the Adobe Illustrator software on the Macintosh. Instruction in commonly used professional industry topics and techniques, for print, animation and the web.

Prerequisite: Art 195.

Material Fee(s): \$15

48736	6:30p-7:20p	Tu Th	Nielsen C	DMC-104	Full Semester
	7:30p-9:40p	Tu Th	Nielsen C	DMC-104	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ART 195, INTRODUCTION TO DIGITAL MEDIA ARTS 3 UNITS

Introduction to digital media arts for artists, photographers, Web designers, programmers, and animation artists. Includes an overview of Photoshop, Illustrator, InDesign, digital graphics terminology, careers, market applications and design components. Work in computer lab with scanners, printers, CD ROM's and the Web.

Material Fee(s): \$15

48786	8:00a-10:05a	M	Caterina A	SAC A-219	Full Semester
	8:00a-8:55a	W	Caterina A	SAC A-219	
	9:05a-10:05a	W		SAC A-219	
48741	9:00a-11:05a	Tu	Baitoo H	SAC A-219	Full Semester
	9:00a-9:55a	Th	Baitoo H	SAC A-219	
	9:05a-10:05a	Th		SAC A-219	
48808	3:00p-5:00p	M	Brown S	DMC-104	Full Semester
	3:00p-4:00p	W	Brown S	DMC-104	
	4:10p-5:00p	W		DMC-104	
48802	3:00p-5:05p	Tu	Nielsen C	DMC-104	Full Semester
	3:00p-3:55p	Th	Nielsen C	DMC-104	
	4:00p-5:05p	Th		DMC-104	
48812	3:45p-5:50p	Tu	Brown S	SAC A-219	09/06-12/11
	3:45p-4:45p	Th	Brown S	SAC A-219	
	4:50p-5:50p	Th		SAC A-219	
48797	6:30p-8:35p	M	Sharum M	SAC A-219	Full Semester
	6:30p-7:25p	W	Sharum M	SAC A-219	
	7:30p-8:35p	W		SAC A-219	

ART 196A, 3-D MODELING 5 UNITS

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

Prerequisite: Art 195.

48815	5:00p-8:10p	M	Waterman P	SAC A-223	Full Semester
	8:15p-10:15p	M	Waterman P	SAC A-223	
	6:00p-10:15p	W		SAC A-223	

ART 197A, 3-D ANIMATION 5 UNITS

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

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

48844	5:00p-8:10p	Tu	Waterman P	SAC A-223	Full Semester
	8:15p-10:15p	Tu	Waterman P	SAC A-223	
	6:00p-10:15p	Th		SAC A-223	

ART 221, GRAPHIC DESIGN II 3 UNITS

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

Prerequisite: Art 122.

Material Fee(s): \$15

48974	6:30p-7:20p	Tu Th	Tani K	SAC A-219	Full Semester
	7:30p-9:40p	Tu Th	Tani K	SAC A-219	

ART 230, INTERMEDIATE DRAWING 3 UNITS

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

Prerequisite: Art 130.

49813	9:30a-10:20a	Tu Th	Genoway K	SAC C-210	Full Semester
	10:30a-12:40p	Tu Th	Genoway K	SAC C-210	
49814	1:00p-1:55p	Tu Th	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	Tu Th	Herberg M	SAC C-210	
49845	2:00p-2:55p	M W	Lee D	SAC C-208	Full Semester
	3:00p-5:10p	M W	Lee D	SAC C-208	
49847	6:30p-7:20p	Tu Th	Howar T	SAC C-210	Full Semester
	7:30p-9:40p	Tu Th	Howar T	SAC C-210	

ART 231, INTERMEDIATE LIFE DRAWING 3 UNITS

Continued experience in drawing from the live model with opportunity for development of self-expression. Further exploration of media and techniques. Projects vary each semester.

Prerequisite: Art 131.

49848	9:00a-9:55a	M W	Du Plessis D	SAC C-210	Full Semester
	10:00a-12:10p	M W	Du Plessis D	SAC C-210	

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ART 233, ADVANCED DRAWING 3 UNITS					
<i>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 artists' studios, and museums.</i>					
Prerequisite: Art 230 or portfolio review.					
49863	1:00p-1:55p	Tu Th	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	Tu Th	Herberg M	SAC C-210	
49867	2:00p-2:55p	M W	Lee D	SAC C-208	Full Semester
	3:00p-5:10p	M W	Lee D	SAC C-208	
ART 234, INTRODUCTION TO MIXED MEDIA 3 UNITS					
<i>Introduction to the use of mixed media. Collage, bookworks, assemblage will be explored through a series of studio projects. Visitations to studios and galleries.</i>					
Prerequisite: Art 110 or 130.					
49560	9:30a-10:20a	Tu Th	Hassold L	SAC C-106	Full Semester
	10:30a-12:10p	Tu Th	Hassold L	SAC C-106	
ART 240, INTERMEDIATE WATERCOLOR 2 UNITS					
<i>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.</i>					
Prerequisite: Art 140B.					
49561	12:45p-1:50p	Tu	Orr E	SAC C-208	Full Semester
	2:00p-5:00p	Tu	Orr E	SAC C-208	
ART 241, INTERMEDIATE PAINTING 3 UNITS					
<i>An intermediate level class designed to promote and advance the creative development of those with basic skills in water-soluble oil and/or acrylic painting. Opportunity for further study of historical and contemporary references and to increase experience with new media, methods and techniques. Emphasis on artistic expression and individual creative problems.</i>					
Prerequisite: Art 141.					
49870	2:00p-2:55p	M W	Orr E	SAC C-210	Full Semester
	3:00p-5:10p	M W	Orr E	SAC C-210	
49874	6:30p-7:20p	M W	Orr E	SAC C-210	Full Semester
	7:30p-9:40p	M W	Orr E	SAC C-210	
ART 242, ADVANCED PAINTING 3 UNITS					
<i>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.</i>					
Prerequisite: Art 241.					
49875	2:00p-2:55p	M W	Orr E	SAC C-210	Full Semester
	3:00p-5:10p	M W	Orr E	SAC C-210	
49879	6:30p-7:20p	M W	Orr E	SAC C-210	Full Semester
	7:30p-9:40p	M W	Orr E	SAC C-210	
ART 250, ADVANCED STUDIO CONCEPTS 3 UNITS					
<i>Intensive study in visual arts for majors with studio emphasis. Exposure to contemporary art directions, trends and job markets. Different studio problems each semester.</i>					
49889	9:00a-9:55a	MW	Crabb P	SAC C-106	Full Semester
	10:10a-12:10p	MW	Crabb P	SAC C-106	
49890	9:00a-9:55a	MW	Du Plessis D	SAC C-210	Full Semester
	10:00a-12:10p	MW	Du Plessis D	SAC C-210	
49891	9:30a-10:20a	TuTh	Gillette L	SAC C-106	Full Semester
	10:30a-12:40p	TuTh	Gillette L	SAC C-106	
49946	12:45p-2:45p	Tu	Orr E	SAC C-208	Full Semester
	2:55p-5:00p	Tu	Orr E	SAC C-208	
2 hours arranged each week					
49947	1:00p-1:55p	TuTh	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	TuTh	Herberg M	SAC C-210	
52012	2:00p-2:55p	MW	Orr E	SAC C-210	Full Semester
	3:00p-5:10p	MW	Orr E	SAC C-210	
52015	6:30p-7:20p	MW	Orr E	SAC C-210	Full Semester
	7:30p-9:40p	MW	Orr E	SAC C-210	
49948	7:00p-7:55p	TuTh	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	TuTh	Crabb P	SAC C-105	
ART 253, ELECTRIC KILN CERAMICS 3 UNITS					
<i>Provides student potters working studio production knowledge of the uses of an oxidizing electric kiln. Emphasizes types of electric kilns, spectrum of glaze formulas, and safety procedures of firing.</i>					
Prerequisite: Art 151.					
Material Fee(s): \$8					
48604	1:00p-1:55p	M W	Crabb P	SAC C-105	Full Semester
	2:00p-4:10p	M W	Crabb P	SAC C-105	
48605	7:00p-7:55p	Tu Th	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	Tu Th	Crabb P	SAC C-105	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ART 296, COMPUTER GRAPHICS PRODUCTION 1.5 UNITS					
<i>Projects focusing on 3D modeling and animation for video games, film/TV, advertising and marketing.</i>					
Prerequisite: Art 196A or Television/Video Communications 181.					
51112	6:00p-6:55p	Th	Waterman P	SAC A-223	Full Semester
	7:00p-10:10p	Th	Waterman P	SAC A-223	

ASTRONOMY

ASTRONOMY 109, INTRODUCTION TO THE SOLAR SYSTEM 3 UNITS					
<i>Surveys history of astronomy, recent research and observations of the planets, moons, and other solar system objects. Exploration of light and gravity to understand formation, properties and motion of Solar System objects.</i>					
48066	11:00a-12:25p	Tu Th	Mayo W	SAC R-114	Full Semester
48064	11:10a-12:35p	M W	Eastmond T	SAC R-128	Full Semester
ASTRONOMY 110, INTRODUCTION TO STARS AND GALAXIES 3 UNITS					
<i>Surveys the development of astronomy, current research and observations of stars, galaxies and large-scaled structures in the universe. Exploration of light and gravity to understand the properties and evolution of stars, neutron stars, black holes, galaxies and the universe structures and changes.</i>					
48067	1:00p-2:25p	Tu Th	Kalko J	SAC R-124	Full Semester
48069	1:15p-4:25p	W	Schuh S	SAC R-318	Full Semester
48068	7:00p-10:10p	W	Schuh S	SAC R-128	Full Semester
ASTRONOMY 140, ASTRONOMY LABORATORY 1 UNIT					
<i>Utilizes experimental techniques to explore and comprehend properties and motions of celestial objects. Basic naked-eye, binocular and small telescope observing techniques will be introduced. Field trips to local planetaria and dark sky locations may be included.</i>					
Prerequisite: Astronomy 109 or 110 or 110H or concurrent enrollment.					
48070	1:15p-4:25p	Tu	Budarz T	SAC R-328	Full Semester

AUTOMOTIVE TECHNOLOGY

AUTOMOTIVE TECHNOLOGY 002, ESSENTIALS 3 UNITS					
<i>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.</i>					
50514	9:00a-12:10p	F	Wilkes D	SAC J-115	Full Semester
50519	5:00p-6:25p	Tu Th	Wilkes D	SAC K-115	Full Semester
AUTOMOTIVE TECHNOLOGY 006, AUTOMOTIVE MAINTENANCE 4 UNITS					
<i>Introduces basic maintenance procedures in the areas of engines, drive lines, and electrical systems. This course is recommended for consumers and students interested in entering the automotive repair field. Students furnish hand tools and safety equipment.</i>					
50516	12:30p-4:15p	Tu Th	Wilkes D	SAC J-115	Full Semester
50517	4:30p-7:55p	Tu Th	Serrano, Jr. M	SAC J-115	Full Semester
AUTOMOTIVE TECHNOLOGY 008, OXYACETYLENE-ARC WELDING 3 UNITS					
<i>Technical knowledge and basic skills needed for occupational oxyacetylene and arc welding processes and applications. Students must furnish safety equipment. (Same as Diesel 008 and Welding 008.)</i>					
50923	8:00a-11:30a	Tu Th	Moreno G	SAC K-101	Full Semester
50927	6:00p-9:30p	Tu Th	Moreno G	SAC K-101	Full Semester
AUTOMOTIVE TECHNOLOGY 024, ELECTRICAL SYSTEMS 5 UNITS					
<i>Theory, operation, diagnosis and maintenance of the following systems and components: batteries, cranking, charging, lighting, instrument, and accessory circuits. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006, and 022.</i>					
50512	8:00a-12:10p	M W	Hammonds E	SAC J-102	Full Semester
AUTOMOTIVE TECHNOLOGY 043, AUTOMATIC TRANSMISSION SERVICE 4 UNITS					
<i>Theory, operation, diagnosis, and service procedures of automatic transmissions. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006.</i>					
50541	6:30p-10:40p	M W	Serrano, Jr. M	SAC J-115	Full Semester
AUTOMOTIVE TECHNOLOGY 044, POWER TRAIN SERVICE 4 UNITS					
<i>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.</i>					
50545	6:30p-10:40p	Tu Th	Wilkes D	SAC K-115	Full Semester

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Can't find the class you need?

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

SCC's class schedule is included in this booklet.
Hurry! Class sizes are limited.

ALL BIOLOGY CLASSES FIRST CLASS MEETING

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

BIOLOGY

BIOLOGY 109, FUNDAMENTALS OF BIOLOGY

3 UNITS

Principles of biology stressing the relationship of all organisms from anatomical, physiological and ecological points of view. Includes cell machinery, genetics, reproduction, embryology, animal behavior, botany, ecology, evolution and human physiology. Concurrent enrollment in Biology 109L recommended. Designed for non-biology majors.

48249	TBA		Rourke M	SAC WEB	Full Semester
Section 48249 Go to www.sac.edu/disted for more information. Email instructor first week of class (rourke_michael@sac.edu).					
48251	TBA		Mansfield P	SAC WEB	Full Semester
Section 48251 Go to www.sac.edu/disted for more information. Email instructor first week of class (mansfield_patricia@sac.edu).					
48071	8:00a-9:25a	MW	Lopez J	SAC R-124	Full Semester
48076	9:00a-12:10p	Sa	Takahashi M	SAC R-128	Full Semester
Section 48076 combines weekly mandatory on-campus meetings every Sat, 9:00a-12:10p, SAC R-128, plus online instruction using Camtasia or other software.					
48072	9:15a-10:40a	MW	Goldmann D	SAC R-128	Full Semester
48074	12:15p-3:25p	F	Nguyen P	SAC R-124	Full Semester
48075	1:15p-4:25p	Tu	Staff	SAC R-128	Full Semester
48073	7:00p-10:10p	M	Goldmann D	SAC R-124	Full Semester

BIOLOGY 109H, HONORS FUNDAMENTALS OF BIOLOGY

3 UNITS

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

48264	3:30p-4:55p	Tu Th	Staff	SAC I-204	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 109/109H lecture material.

Prerequisite: Biology 109/109H or concurrent enrollment.

48275	8:00a-11:10a	F	Boyd D	SAC R-202	Full Semester
48279	10:00a-1:10p	W	Goedhart C	SAC R-202	Full Semester
48265	10:00a-1:10p	M	Lopez J	SAC R-202	Full Semester
48267	10:00a-1:10p	Tu	Sanchez S	SAC R-202	Full Semester
48272	11:00a-2:10p	Th	Staff	SAC R-202	Full Semester
48262	11:30a-2:40p	F	Sanchez S	SAC R-202	Full Semester
48278	12:30p-3:40p	Sa	Staff	SAC R-202	Full Semester
48266	2:30p-5:40p	M	Escudero L	SAC R-202	Full Semester
48270	3:00p-6:10p	Tu	Patel D	SAC R-202	Full Semester
48271	7:00p-10:10p	Tu	Staff	SAC R-202	Full Semester
48273	7:00p-10:10p	W	Sharar E	SAC R-202	Full Semester
48274	7:00p-10:10p	Th	Shimano B	SAC R-202	Full Semester

BIOLOGY 139, HEALTH MICROBIOLOGY

4 UNITS

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

Material Fee(s): \$15

48077	5:30p-6:55p	Tu Th	Oertel P	SAC R-128	Full Semester
	12:00p-2:05p	Tu Th	Oertel P	SAC R-226	
48079	5:30p-6:55p	Tu Th	Oertel P	SAC R-128	Full Semester
	7:15p-9:20p	Tu Th	Oertel P	SAC R-226	
48078	5:30p-6:55p	Tu Th	Oertel P	SAC R-128	Full Semester
	2:30p-4:35p	Tu Th	Oertel P	SAC R-226	

AUTOMOTIVE TECHNOLOGY 054, FRONT ENDS

4.5 UNITS

Designed to instruct the student in the operation and service of the following: steering, suspension systems and wheel alignment procedures. Suggested preparation: Automotive Technology 002 or 006.

50513	8:00a-12:10p	Tu Th	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.)

50543	6:30p-10:40p	Tu Th	Hammonds E	SAC J-102	Full Semester
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AUTOMOTIVE TECHNOLOGY 080, COMPUTER CONTROLS

3 UNITS

Theory, component function, and diagnosis of the following automotive computer controlled systems: G.M.'s, TBI, and PFI; Ford's EEC IV and V; and OBD II. Suggested preparation: Automotive Technology 002 or 006 and 032 or one year tune-up related trade experience.

50520	5:00p-6:25p	Tu Th	Hammonds E	SAC J-102	Full Semester
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AUTOMOTIVE TECHNOLOGY 081, FUEL INJECTION SYSTEMS

3 UNITS

Covers the theory, operation and diagnosis of import and domestic gasoline fuel injection systems currently used with emphasis on those systems used on domestic and import vehicles. Suggested preparation: Automotive Technology 002 or 006 and 032 or one year tune-up related trade experience.

50529	5:00p-6:25p	MW	Serrano, Jr. M	SAC J-115	Full Semester
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AUTOMOTIVE TECHNOLOGY 086, ADVANCED CLEAN AIR CAR COURSE

2 UNITS

This is a Bureau of Automotive Repair certified course. It is designed to provide advanced diagnostic training for smog licensed technicians. This course is required before taking the Smog License Renewal or initial smog exam. Suggested preparation: Automotive Technology 032 or a California Smog License.

W 50530	6:00p-10:15p	F	Wilkes D	SAC J-102	08/26-10/14
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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 48803	9:00a-2:50p	Sa	Trabant T	SAC A-207	10/22-12/03
W 48801	9:00a-2:50p	Sa	Trabant T	SAC A-207	08/27-10/01



tobacco-free
SAC

SAC IS TOBACCO-FREE

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

48081	6:15p-9:25p	Tu	Cast S	SAC R-124	Full Semester
	9:00a-12:10p	Th	Hampton J	SAC R-201	
48082	6:15p-9:25p	Tu	Cast S	SAC R-124	Full Semester
	7:00p-10:10p	Th	Cast S	SAC R-201	

BIOLOGY 211, CELLULAR AND MOLECULAR BIOLOGY 5 UNITS

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

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

48263	8:00a-9:25a	Tu Th	Lopez J	SAC I-204	Full Semester
	9:45a-12:50p	Tu Th	Lopez J	SAC R-219	
48087	4:30p-5:55p	Tu Th	Lui A	SAC R-124	Full Semester
	1:15p-4:20p	Tu Th	Lopez J	SAC R-219	
48086	4:30p-5:55p	Tu Th	Lui A	SAC R-124	Full Semester
	6:15p-9:20p	Tu Th	Lui A	SAC R-219	

BIOLOGY 212, ANIMAL DIVERSITY AND ECOLOGY 5 UNITS

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

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

48268	12:00p-1:25p	M W	Staff	SAC I-204	Full Semester
	1:40p-4:45p	M W	Staff	SAC R-228	

BIOLOGY 217, PATHOPHYSIOLOGY 2 UNITS

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

Prerequisite: Biology 149, 239 or 249.

49744	1:00p-3:05p	W	Hampton J	SAC R-201	Full Semester
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BIOLOGY 229, GENERAL MICROBIOLOGY 5 UNITS

Introduction to microorganisms, their classification, structure, biochemistry, growth, control and their interactions with other organisms and the environment. Designed for biology, preprofessional, and prenursing (BSN) majors.

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

Material Fee(s): \$20

48083	1:00p-2:25p	M W	Staff	SAC R-128	Full Semester
	3:00p-6:10p	M W	Staff	SAC R-226	
48085	1:00p-2:25p	M W	Staff	SAC R-128	Full Semester
	6:30p-9:35p	M W	Takahashi M	SAC R-226	
48084	1:00p-2:25p	M W	Staff	SAC R-128	Full Semester
	9:00a-12:05p	M W	Morales D	SAC R-226	

BIOLOGY 239, GENERAL HUMAN ANATOMY 4 UNITS

Structure of the human body. Systems, organs, and tissues are studied from human skeletons, models, charts, slides and CD-ROM programs. Laboratory includes the dissection of a cat; and periodic demonstrations of a prosected cadaver as available.

48269	TBA		Mansfield P	SAC HYBRID	Full Semester
	3:00p-6:10p	F	Johnson R	SAC R-201	

Section 48269 will specifically utilize cadaver demonstration/dissection instead of cats.

Online instruction plus mandatory on campus weekly lab meetings every Fri, 3:00p-6:10p, SAC R-201. Go to www.sac.edu/disted for more information.

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

48094	8:30a-11:40a	Sa	Syed E	SAC R-124	Full Semester
	12:30p-3:40p	Sa	Syed E	SAC R-201	

48093	8:30a-11:40a	Sa	Syed E	SAC R-124	Full Semester
	8:30a-11:40a	F	Botkin M	SAC R-219	

48095	8:30a-11:40a	Sa	Syed E	SAC R-124	Full Semester
	6:30p-9:40p	F	Johnson R	SAC R-201	

48092	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	9:00a-12:10p	F	Johnson R	SAC R-201	

Section 48092 will specifically utilize cadaver demonstration/dissection instead of cats.

48090	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	9:00a-12:10p	Tu	Patel D	SAC R-201	

48089	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	4:30p-7:40p	M	Botkin M	SAC R-201	

48088	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	1:00p-4:10p	M	Hampton J	SAC R-201	

48091	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	1:00p-4:10p	Tu	Hampton J	SAC R-201	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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BIOLOGY 249, HUMAN PHYSIOLOGY 4 UNITS

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

Prerequisite: Biology 239 or similar Human Anatomy course.

48096	1:15p-4:25p	M	Mansfield P	SAC R-124	Full Semester
	6:00p-9:10p	W	Mansfield P	SAC R-219	
48098	1:15p-4:25p	M	Mansfield P	SAC R-124	Full Semester
	2:30p-5:40p	W	Mansfield P	SAC R-219	
48097	1:15p-4:25p	M	Mansfield P	SAC R-124	Full Semester
	10:00a-1:10p	W	Botkin M	SAC R-219	

BUSINESS

BUSINESS 080, BUSINESS MATHEMATICS 3 UNITS

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

48298	7:00p-10:10p	Th	Esrow S	SAC A-222	Full Semester
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BUSINESS 100, FUNDAMENTALS OF BUSINESS 3 UNITS

An introduction to the basic fundamentals of business. A survey of marketing, management, production, accounting, finance, and economics and how they interrelate in the business environment.

48302	TBA		Grant M	SAC WEB	Full Semester
Section 48302 online instruction. Go to www.sac.edu/disted for more information.					

48319	TBA		Doolittle G	SAC HYBRID	Full Semester
	11:00a-12:25p	Th	Doolittle G	SAC A-203	

Section 48319 hybrid instruction combines mandatory on-campus meetings every Thurs, 11:00am-12:25pm, SAC A-203 plus online instruction.

48324	8:00a-9:25a	Tu Th	Grant M	SAC A-203	Full Semester
48326	9:30a-10:55a	M W	Doolittle G	SAC A-203	Full Semester
48314	6:00p-9:10p	W	Long R	SAC D-102	Full Semester

BUSINESS 103, COOPERATIVE WORK EXPERIENCE EDUCATION- OCCUPATIONAL 1 - 16 UNITS

Supervised paid or volunteer experience in student's major including new or expanded responsibilities. One credit for each 5 hours worked per week to a maximum of 4 units for 20 hours worked per week each semester. Limitation of 16 units in occupational cooperative education courses. Students must be enrolled in a minimum of 7 units including 4 units for Business 103.

Open Entry / Open Exit

51643	TBA		Negrete T	SAC A-107-5	Full Semester
Orientation Wed, Aug 24, 12:00pm-12:50pm OR 6:00pm-6:50pm, SAC A-104.					

BUSINESS 104, COOPERATIVE WORK EXPERIENCE EDUCATION-GENERAL 1 - 12 UNITS

Supervised paid or volunteer experience not related to student's major including new or expanded responsibilities. One credit for each 5 hours worked per week to a maximum of 3 units for 15 hours worked per week each semester. Limitation of 6 units in general cooperative education courses. Students must be enrolled in a minimum of 7 units including 4 units for Business 104.

51694	TBA		Negrete T	SAC A-107-5	Full Semester
Orientation Wed, Aug 24, 12:00pm-12:50pm OR 6:00pm-6:50pm, SAC A-104.					


BUSINESS 105, LEGAL ENVIRONMENT OF BUSINESS 3 UNITS

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

48880	TBA		Manzano F	SAC WEB	Full Semester
Section 48880 online instruction. Go to www.sac.edu/disted for more information.					

Check class website at: <http://rsccd.blackboard.com>.

48876	8:00a-9:25a	M W	Doolittle G	SAC A-203	Full Semester
48874	8:00a-9:40a	Tu Th	Staff	SAC A-130	Full Semester
48870	11:30a-12:50p	M W	Manzano F	SAC A-130	Full Semester
48879	7:00p-10:10p	Th	Staff	SAC A-130	Full Semester
48877	7:00p-10:10p	M	Staff	SAC A-130	Full Semester
48878	7:00p-10:10p	W	Staff	SAC A-130	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.

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

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

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

ORIENTATION MEETINGS

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

SAC: Wednesday, August 24, 12:00–12:50pm or 6:00–6:50pm in SAC A-104

OCCUPATIONAL WORK EXPERIENCE

Every major enrolls in Business 103 and 104

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

Work Experience also available in Computer Science and Paralegal.

BUSINESS 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.

H	48334	TBA	Grant M	SAC HYBRID	Full Semester
		11:00a-12:25p Tu	Grant M	SAC A-203	

Section 48334 hybrid instruction combines mandatory on-campus meetings every Tues, 11:00am-12:25pm, SAC A-203 plus online instruction.

BUSINESS 110, EXPORT PRICING, QUOTATIONS AND TERMS OF TRADE 1 UNIT

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

	48346	6:00p-10:00p Tu	Grant M	SAC A-203	08/23-09/13
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BUSINESS 111, INTERNATIONAL BUSINESS DOCUMENTATION-BEGINNING 1 UNIT

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

	48343	6:00p-10:00p Tu	Grant M	SAC A-203	09/20-10/11
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BUSINESS 113, INTERNATIONAL TRANSPORTATION 1 UNIT

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

	48349	6:00p-10:00p Tu	Shweiri G	SAC A-203	10/18-11/08
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BUSINESS 114, INTERNATIONAL DOCUMENTATION AND SUPPLY CHAIN MANAGEMENT 1 UNIT

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

	48350	6:00p-10:00p Tu	Shweiri G	SAC A-203	11/15-12/06
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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.)

	48364	11:00a-12:25p Tu Th	Staff	SAC A-207	Full Semester
	48366	6:00p-9:10p W	Staff	SAC D-103	Full Semester

BUSINESS 121, HUMAN RELATIONS & ORGANIZATION 3 UNITS

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

	48369	6:00p-9:10p Tu	Staff	SAC A-130	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.

	48373	6:00p-9:10p W	Grant M	SAC A-203	Full Semester
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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.

O	50419	TBA	Mitchell E	SAC WEB	Full Semester
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Section 50419 online instruction. Go to www.sac.edu/disted for more information. When registered, go to <http://rsccd.blackboard.com> and make sure your current e-mail is in personal information.

BUSINESS 147, INTERNATIONAL COMMERCIAL AGREEMENTS AND DISTRIBUTION LAW 1 UNIT

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

	48375	6:00p-10:00p Th	Shippey K	SAC A-203	08/25-09/15
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BUSINESS 148, INTERNATIONAL INTELLECTUAL PROPERTY LAW 1 UNIT

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

	48377	6:00p-10:00p Th	Shippey K	SAC A-203	09/22-10/13
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BUSINESS 149, THE LAW OF GLOBAL COMMERCE 1 UNIT

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

	48379	6:00p-10:00p Th	Shippey K	SAC A-203	10/20-11/10
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BUSINESS 150, INTRODUCTION TO COMPUTING AND APPLICATION SOFTWARE 4 UNITS

Introduction to computer concepts, computer organization, computer operation, information systems and business problem-solving through the use of application software. (Equivalent to ISDS 265 at California State University, Fullerton.)

O	47811	TBA	Kushida C	SAC WEB	Full Semester
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Section 47811 Online instruction with mandatory on campus orientation. Go to instructor website for more information. http://ext.sac.edu/faculty_staff/kushida_cherylee

	47790	9:30a-11:25a M W	Nichols B	SAC A-213	Full Semester
	47775	11:30a-1:25p Tu Th	Harding G	SAC A-208	Full Semester
	47802	6:00p-10:10p M	Nichols B	SAC A-215	Full Semester

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.

	48381	7:00p-10:10p Th	Thomason G	SAC D-103	Full Semester
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SECTION TIME DAYS INSTRUCTOR LOCATON / ROOM DATES



Got Time? Need a Class? Check out what's NEW in Business !



ACCT 124	Computerized Income Tax Preparation
ACCT 160	MAS 90 Updated Version
ACCT 170	Microsoft Dynamics for Financial Acct
BA 177	Microsoft OneNote 2010
ENGR 165	Introduction to Energy
ENTR 100 to 105	– Find Class details under “E”
PARA 198	Complex Litigation and Construction Defect

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.

48606	9:30a-10:55a	Tu Th	Woolgar D	SAC A-206	Full Semester
48607	12:30p-1:55p	Tu Th	Woolgar D	SAC A-213	Full Semester
48608	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

48807	9:00a-12:00p	M	Miller J	SAC A-228	Full Semester
			Open Entry/Open Exit		

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.

48809	7:00p-10:10p	W	Negrete T	SAC A-226	Full Semester
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BUSINESS APPLICATIONS 018, OFFICE PROCEDURES

3 UNITS

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

48810	7:00p-10:10p	W	Montiel-Childress D	SAC A-228	Full Semester
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BUSINESS APPLICATIONS 035, COMPUTER FUNDAMENTALS

1.5 UNITS

Introduction to computer hardware components, software applications, multimedia, and the use of the Internet.

W 48813	9:00a-12:35p	Sa	Ali W	SAC A-228	10/22-12/10
			1 hour per week arranged.		



SOME COMPUTER CLASSES HAVE ARRANGED LAB HOURS

Students will be informed by their instructor if they are expected to spend a minimum of one hour per week in the computer lab. General Business and Computer Labs are available in A-104 and A-106 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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Earn College Credit when you pass a
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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.

48818	5:00p-6:55p	W	Staff	SAC A-224	11/16-12/07
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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.

48819	7:00p-10:10p	W	Frias E	SAC A-205	Full Semester
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BUSINESS APPLICATIONS 057, MEDICAL INTERPRETATION AND TRANSLATION-SPANISH/ENGLISH

3 UNITS

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

W 48821	9:00a-12:10p	Sa	Frias Callejas M	SAC A-224	Full Semester
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BUSINESS APPLICATIONS 110A, COMPUTER KEYBOARDING SKILLS I

1 UNIT

Proficiency based keyboarding skills includes alphabet, speed and accuracy development.

Open Entry / Open Exit

51559	9:00a-10:55a	M W	Le N	SAC A-226	Full Semester
51563	9:00a-10:55a	Tu Th	Montiel-Childress D	SAC A-228	Full Semester
51561	9:00a-1:00p	F	Le N	SAC A-226	Full Semester

BUSINESS APPLICATIONS 110B, COMPUTER KEYBOARDING SKILLS II

1 UNIT

Continuation and refinement of proficiency based computer keyboarding skills includes: alphabet and numeric keyboard, speed and accuracy development and basic word processing skills.

Prerequisite: Business Applications 110A.

Open Entry / Open Exit

51566	9:00a-10:55a	M W	Le N	SAC A-226	Full Semester
51569	9:00a-10:55a	Tu Th	Montiel-Childress D	SAC A-228	Full Semester
51567	9:00a-1:00p	F	Le N	SAC A-226	Full Semester

BUSINESS APPLICATIONS 115A, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT I

1 UNIT

Intense review of letter, number, and symbol typing. Emphasis on individual's problem keys. Increase keyboarding speed and improve accuracy through prescribed drills and timed writings on computer. Basic proficiency in typing or keyboarding recommended.

Open Entry / Open Exit

51570	9:00a-10:55a	M W	Le N	SAC A-226	Full Semester
51574	9:00a-10:55a	Tu Th	Montiel-Childress D	SAC A-228	Full Semester
51572	9:00a-1:00p	F	Le N	SAC A-226	Full Semester

BUSINESS APPLICATIONS 115B, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT II

1 UNIT

Refinement of letter, number, and symbol typing. Emphasis on individual's problem keys. Increase keyboarding speed and improve accuracy through prescribed drills and timed writings on computer.

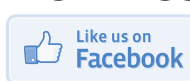
Prerequisite: Business Applications 115A.

Open Entry / Open Exit

51575	9:00a-10:55a	M W	Le N	SAC A-226	Full Semester
51578	9:00a-10:55a	Tu Th	Montiel-Childress D	SAC A-228	Full Semester
51577	9:00a-1:00p	F	Le N	SAC A-226	Full Semester

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on campus news
and activities



Become a SAC
Facebook Fan



<http://www.facebook.com/SantaAnaCollege>

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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BUSINESS APPLICATIONS 125, MICROSOFT WORD BASICS 1.5 UNITS

Basic procedures for creating, editing, and manipulating documents of varying sophistication using Microsoft Word software.

Software Utilized: MS Word 2010

W 48884	9:00a-12:35p	Sa	Staff	SAC A-226	10/22-12/10
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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.

Software Utilized: Windows 7

W 48890	9:00a-12:10p	Sa	Ali W	SAC A-228	08/27-10/15
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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.

Software Utilized: Windows 7

48903	6:00p-9:35p	Th	Ali W	SAC A-224	10/20-12/08
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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.

Software Utilized: Publisher 2010

48933	9:30a-10:55a	MW	Montiel-Childress D	SAC A-224	Full Semester
48940	9:30a-10:55a	TuTh	Lehrer C	SAC A-226	Full Semester
48941	1:15p-2:50p	MW	Montiel-Childress D	SAC A-226	Full Semester

1 hour per week arranged.

BUSINESS APPLICATIONS 164, INTRODUCTION TO ADOBE PHOTOSHOP 3 UNITS

Students learn how to use the capabilities of Adobe Photoshop, an image editing program, to enhance the creativity and production of desktop projects. Previous class in scanning is advisable.

Software Utilized: Adobe Photoshop CS5

48942	7:00p-10:10p	Tu	Thorey V	SAC A-224	Full Semester
	6:00p-6:55p	Tu	Thorey V	SAC A-224	

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 CS5

48948	7:00p-10:10p	M	Dumon D	SAC A-226	Full Semester
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1 hour per week arranged.

BUSINESS APPLICATIONS 177, MICROSOFT ONENOTE 1.5 UNITS

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

48971	7:00p-10:10p	M	Staff	SAC A-228	10/17-12/05
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BUSINESS APPLICATIONS 179, INTRODUCTION TO MICROSOFT OFFICE 4 UNITS

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

Software Utilized: MS Office 2010

W 48953	TBA		Nguyen M	SAC WEB	Full Semester
	Section 48953 online. Go to www.sac.edu/disted for more information.				
48956	11:00a-1:10p	TuTh	Lehrer C	SAC A-226	Full Semester
48957	6:00p-10:10p	Tu	Molitor M	SAC A-226	Full Semester

BUSINESS APPLICATIONS 183, MICROSOFT WORD 3 UNITS

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

Software Utilized: MS Word 2010

48960	7:00p-10:10p	M	Dutton Jr D	SAC A-224	Full Semester
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1 hour per week arranged.

BUSINESS APPLICATIONS 188, MICROSOFT EXCEL 1.5 UNITS

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

Software Utilized: MS Excel 2010

W 48962	TBA		Montiel-Childress D	SAC WEB	08/22-10/14
	Section 48962 online. Go to www.sac.edu/disted for more information.				
W 48963	6:30p-9:35p	F	Nguyen T	SAC A-226	08/26-10/14

1 hour per week arranged.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

Software Utilized: MS Excel 2010

W 48964	TBA		Montiel-Childress D	SAC WEB	10/17-12/09
	Section 48964 online. Go to www.sac.edu/disted for more information.				
W 48968	6:00p-10:10p	F	Nguyen T	SAC A-226	10/21-12/09

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.

Software Utilized: MS PowerPoint 2010

W 48969	TBA		Lehrer C	SAC WEB	08/22-10/14
	Section 48969 online. Go to www.sac.edu/disted for more information. Email instructor first week of class. (lehrer_carol@sac.edu)				

BUSINESS APPLICATIONS 191, POWERPOINT-APPLICATION PROJECTS 1.5 UNITS

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

Software Utilized: MS PowerPoint 2010

W 48970	TBA		Lehrer C	SAC WEB	10/17-12/09
	Section 48964 online. Go to www.sac.edu/disted for more information. Email instructor first week of class. (lehrer_carol@sac.edu)				

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.)

48300	11:00a-12:25p	MW	Kelcher M	SAC R-114	Full Semester
	3:00p-6:10p	M	Kelcher M	SAC R-302	

U-LINK-Section 48300 is linked to Counseling 107, The Freshman Experience, Section 47467. Enrollment in both sections is mandatory.

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

CHEMISTRY 115, CONCEPTS IN PHYSICAL SCIENCES FOR EDUCATORS 4 UNITS

Basic principles of physical science (chemistry and physics); concepts introduced through guided-inquiry labs and developed in discussion/lecture; content covers Physical Science requirements for multiple-subject teacher preparation programs; Math N48 is strongly recommended.

49232	9:30a-12:40p	M	Jenkins C	SAC R-309	Full Semester
	9:30a-12:40p	W	Jenkins C	SAC R-309	

CHEMISTRY 119, FUNDAMENTALS - GENERAL AND ORGANIC 5 UNITS

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

Prerequisite: Mathematics 060 or 061.

48306	6:00p-6:55p	Th	Joe S	SAC R-318	Full Semester
	7:00p-10:10p	Tu	Joe S	SAC R-318	
	7:00p-10:10p	Th	Joe S	SAC R-301	

CHEMISTRY 209, INTRODUCTORY CHEMISTRY 4 UNITS

Basic concepts of matter: atomic structure, formulas, equation writing, nomenclature, gases and kinetic theory. Emphasizes properties of solutions, and the mole concept in quantitative chemistry. Prepares students for biology and Chemistry 219.

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

W 48327	TBA		Jenkins C	SAC HYBRID	Full Semester
	8:00a-9:25a	M	Jenkins C	SAC R-126	08/22-08/22
	9:00a-12:10p	F	Jenkins C	SAC R-309	Full Semester

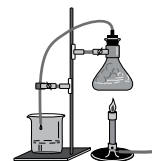
Section 48327 MANDATORY One-day orientation meeting on Mon., Aug 22, 8:30a-9:25a, SAC R-126. Online instruction plus mandatory on campus weekly lab meetings every Fri, 9:00a-12:10p, SAC R-309. Go to www.sac.edu/disted for more information.

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

Meet your Chemistry (Science Majors) requirements!!!

Take the following in the order given:

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



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
48308	9:00a-12:10p	Sa	Moore B	SAC R-318	Full Semester
	1:00p-4:10p	Sa	Moore B	SAC R-301	
	9:30a-10:55a	M W	Mc Millan J	SAC R-126	Full Semester
48325	11:30a-2:40p	M	Mc Millan J	SAC R-301	
	Section 48325 is linked to Counseling 111, Learning Skills Development, Section 47518. Enrollment in both sections is mandatory.				
See Freshman Experience Program page in the class schedule for more information.					
48328	5:30p-6:55p	M W	Staff	SAC R-126	Full Semester
	7:00p-10:10p	M	Staff	SAC R-301	
48315	7:00p-10:10p	M	Edinger W	SAC R-318	Full Semester
	7:00p-10:10p	W	Edinger W	SAC R-301	
48322	7:00p-10:10p	Th	Visco L	SAC R-318	Full Semester
	7:00p-10:10p	Tu	Visco L	SAC R-301	

CHEMISTRY 219, GENERAL CHEMISTRY**5 UNITS**

Fundamental principles and concepts of chemistry including, but not limited to, atomic structure, quantum theory, periodic properties, stoichiometry, oxidation-reduction, molecular structure and bonding, gas laws, states of matter, solutions, chemical kinetics and chemical equilibrium.

Prerequisite: Mathematics 080 or 081 and Chemistry 209 or Mathematics 080 or 081 and a passing score on current chemistry placement test. All courses must be completed with a grade of C or better.

48336	11:15a-12:40p	Tu Th	Nguyen W	SAC R-318	Full Semester
	1:30p-4:40p	Tu Th	Nguyen W	SAC R-309	
48330	1:00p-2:25p	Tu Th	Jenkins C	SAC R-126	Full Semester
	9:30a-12:40p	Tu Th	Jenkins C	SAC R-309	
	5:30p-6:55p	Tu Th	Kelcher M	SAC R-126	Full Semester
48340	7:00p-10:10p	Tu Th	Kelcher M	SAC R-309	
	5:30p-6:55p	M W	Nguyen W	SAC R-128	Full Semester
48332	7:00p-10:05p	M W	Nguyen W	SAC R-309	

CHEMISTRY 229, GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS**5 UNITS**

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

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

48342	8:30a-9:55a	Tu Th	Mc Millan J	SAC R-126	Full Semester
	10:15a-1:25p	Tu Th	Mc Millan J	SAC R-301	

CHEMISTRY 249, ORGANIC CHEMISTRY I**5 UNITS**

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

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

48345	5:15p-6:40p	M W	Yamada T	SAC R-124	Full Semester
	7:00p-10:10p	Tu Th	Yamada T	SAC R-302	
48351	5:15p-6:40p	M W	Yamada T	SAC R-124	Full Semester
	2:30p-5:40p	Tu Th	Yamada T	SAC R-302	
	5:15p-6:40p	M W	Yamada T	SAC R-124	Full Semester
48348	7:00p-10:10p	M W	Yamada T	SAC R-302	

CHICANO STUDIES**CHICANO STUDIES 101, INTRODUCTION TO CHICANO STUDIES****3 UNITS**

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

47081	1:15p-2:40p	Tu Th	Briceno G	SAC D-304	Full Semester
47080	7:00p-10:10p	W	Polequaptewa Y	SAC D-106	Full Semester
47079	11:30a-12:55p	Tu Th	Briceno G	SAC I-206	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.**

**DON'T JUST SURF THE WEB
BECOME PART OF IT**



COMMUNICATIONS
121 NEWS WRITING
123 NEWS PRODUCTION
201 VISUAL REPORTING

MEDIA STUDIES

ONLINE / PRINT / DIGITAL / DESIGN

**COMMUNICATIONS
& MEDIA STUDIES****COMMUNICATIONS & MEDIA STUDIES 111, MEDIA, RACE AND GENDER****3 UNITS**

This multimedia course is an overview of the social and cultural implications of mass media on race and gender from the 1920s to the present. Using works of philosophical and cultural importance students will analyze and debate the changes in the faces of media with particular focus on social class, gender and ethnicity.

51571	11:00a-12:25p	Tu Th	Little C	SAC C-207	Full Semester
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COMMUNICATIONS & MEDIA STUDIES 121, WRITING AND REPORTING FOR**MEDIA****3 UNITS**

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

49263	11:00a-12:25p	M W	Little C	SAC A-219	Full Semester
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COMMUNICATIONS & MEDIA STUDIES 123, NEWS MEDIA PRODUCTION DIGITAL**NEWS PRODUCTION OR NEWSPAPER****4 UNITS**

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

49265	12:30p-2:35p	M W	Little C	SAC C-201	Full Semester
10 hours arranged each week					

COMMUNICATIONS & MEDIA STUDIES 201, VISUAL REPORTING**2 UNITS**

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

49271	12:30p-1:55p	M W	Little C	SAC C-207	Full Semester
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COMMUNICATIONS & MEDIA STUDIES 222, WRITING ACROSS MEDIA**3 UNITS**

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

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

49273	12:30p-1:55p	M W	Little C	SAC C-207	Full Semester
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Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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COMPUTER SCIENCE

COMPUTER SCIENCE 100, THE COMPUTER AND SOCIETY 3 UNITS

An introduction to the area of computers and their relationship to today's information society. Examines a broad overview of topics including: hardware, software, networking, information technology, and the Internet. The student will explore the implication and effect of technology on society, careers and ethics.

Software Utilized: MS Office 2010

47810	TBA		Harding G	SAC WEB	Full Semester
Section 47810 Go to www.sac.edu/disted for more information. Email instructor first week of class. (harding_glen@sac.edu)					
47809	TBA		Harding G	SAC WEB	Full Semester
Section 47809 Go to www.sac.edu/disted for more information. Email instructor first week of class (harding_glen@sac.edu)					
47800	8:00a-11:10a	F	Dahlen N	SAC A-215	Full Semester
47784	8:00a-9:25a	MW	Nichols B	SAC A-213	Full Semester
47786	8:00a-9:25a	TuTh	Nichols B	SAC A-213	Full Semester
47797	8:30a-9:55a	TuTh	Hester J	SAC A-215	Full Semester
47789	9:30a-10:55a	TuTh	Nichols B	SAC A-213	Full Semester
47798	10:00a-11:25a	TuTh	Hester J	SAC A-215	Full Semester
47773	10:30a-11:55a	MW	Harding G	SAC A-208	Full Semester
47785	11:30a-1:00p	MW	Nichols B	SAC A-213	Full Semester
47774	12:00p-1:25p	MW	Harding G	SAC A-208	Full Semester
47799	1:00p-3:55p	W	Hester J	SAC A-215	Full Semester
47778	4:00p-6:55p	W	Dahlen N	SAC A-208	Full Semester
47777	4:00p-6:55p	Tu	Dahlen N	SAC A-208	Full Semester
47769	7:00p-10:10p	M	Bennett Jr J	SAC A-206	Full Semester
49341	7:00p-10:10p	W	Beck J	SAC A-215	Full Semester
47781	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

47812	TBA		Kushida C	SAC A-108	Full Semester
Section 47812 Email instructor before the first week of class (kushida_cherylee@sac.edu) Students must have approval for this course before enrolling.					

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.

Software Utilized: Microsoft Visual Basic.NET

47796	10:30a-11:55a	MW	Hester J	SAC A-215	Full Semester
47779	7:00p-10:10p	Tu	Dahlen N	SAC A-208	Full Semester
47780	7:00p-10:10p	W	Dahlen N	SAC A-208	Full Semester

COMPUTER SCIENCE 112, JAVA PROGRAMMING 3 UNITS

Study of the Java language, its features and applications.

Software Utilized: Java 2 SDK V 1.4.2

47776	2:00p-3:25p	TuTh	Harding G	SAC A-208	Full Semester
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COMPUTER SCIENCE 120, INTRODUCTION TO PROGRAMMING 3 UNITS

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

Prerequisite: Mathematics 080 or 081.

47795	8:30a-10:25a	MW	Hester J	SAC A-215	Full Semester
47783	6:00p-10:10p	M	Dahlen N	SAC A-213	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.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

Software Utilized: MS Visual C++ .NET

47782	6:00p-10:10p	M	Staff	SAC A-208	Full Semester
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COMPUTER SCIENCE 134C, MICROSOFT WINDOWS 7 OPERATING SYSTEM 3 UNITS

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

47792	7:00p-10:10p	W	Moritsugu S	SAC A-213	Full Semester
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COMPUTER SCIENCE 136, BUILDING A SMALL OFFICE/HOME OFFICE NETWORK 1.5 UNITS

Plan and build a SOHO network. You will learn about simple file-sharing networks, wireless networks, and more advanced networking technologies that connect multiple machines and devices. You will be able to choose the networking solution that is best suited to your needs.

47814	7:00p-10:10p	Th	Quach N	SAC A-206	08/25-10/13
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COMPUTER SCIENCE 139, CONFIGURATION AND ADMINISTRATION OF LOCAL AREA NETWORKS 1.5 UNITS

The configuration and administration of windows based local area networks, including planning, hardware, software and Internet connectivity. Recommended Preparation: Completion of windows server course.

47815	7:00p-10:10p	Th	Quach N	SAC A-206	10/20-12/15
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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.

Software Utilized: MS Excel 2010

47770	7:00p-10:10p	Tu	Sterling M	SAC A-206	Full Semester
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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.

Software Utilized: MS Access 2010

47771	7:00p-10:10p	W	Habicht G	SAC A-206	Full Semester
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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 167 or equivalent experience is recommended.

Software Utilized: MS Access 2010

47793	7:00p-10:10p	Th	Habicht G	SAC A-213	Full Semester
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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.

47768	7:00p-10:10p	Tu	Yaqub M	SAC A-210	Full Semester
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COUNSELING

COUNSELING N45, ORIENTATION TO COLLEGE 0.5 UNIT

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

50141	8:00a-4:00p	Tu	Shaffer C	SAC A-130	08/09-08/09
50147	8:00a-4:00p	Tu	Vargas M	SAC A-211	08/09-08/09
50148	8:00a-4:00p	Tu	Bautista S	SAC A-210	08/09-08/09

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.

47460	7:00p-9:05p	M	Castellanos M	SAC I-108	Full Semester
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COUNSELING 107, THE FRESHMAN EXPERIENCE 3 UNITS

Integration of educational, socio-economic and psychological factors that contribute to success in college. Development of personal learning style as it interfaces with the linked college classes. Development of college-level learning skills.

47517	9:00a-12:10p	F	Staff	SAC I-108	Full Semester
47516	11:00a-12:25p	TuTh	Aguilar M	SAC R-128	Full Semester

Section 47516 is designed for students with learning difficulties and students interested in alternative learning strategies. Open to all students.



COUNSELING COURSES

By enrolling in a counseling class you'll learn:

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

Counseling 100

Lifelong Understanding and Self Development

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

Counseling 116

Career/Life Planning and Personal Exploration

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



Online Section – Students must attend one of the following orientations:
 August 23 or August 30, 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 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

47542	TBA		Sadler D	SAC WEB	Full Semester
Section 47542 Students must attend one of the following orientations: Aug 23, or Aug 30, 12-2pm or 7-9pm SAC L-225. For more information, www.sac.edu/students/counseling/staff/htm					
47538	TBA		Sadler D	SAC WEB	Full Semester
Section 47538 Students must attend one of the following orientations: Aug 23, or Aug 30, 12-2pm or 7-9pm SAC L-225. For more information, www.sac.edu/students/counseling/staff/htm					
47540	TBA		Sadler D	SAC WEB	Full Semester
Section 47540 Students must attend one of the following orientations: Aug 23, or Aug 30, 12-2pm or 7-9pm SAC L-225. For more information, www.sac.edu/students/counseling/staff/htm					
47541	TBA		Sadler D	SAC WEB	Full Semester
Section 47541 Students must attend one of the following orientations: Aug 23, or Aug 30, 12-2pm or 7-9pm SAC L-225. For more information, www.sac.edu/students/counseling/staff/htm					
47488	8:00a-9:25a	Tu Th	Quintana R	SAC I-108	Full Semester
47486	9:00a-12:10p	F	Quintana R	SAC I-102	Full Semester
47544	6:30p-9:40p	Th	Staff	SAC I-108	Full Semester
47545	9:30a-10:55a	MW	Pham T	SAC R-115	Full Semester
47483	9:30a-10:55a	MW	Gallego Jr R	SAC I-108	Full Semester
47481	9:30a-10:55a	Tu Th	Quintana R	SAC I-108	Full Semester
47482	11:00a-12:25p	Tu Th	Quintana R	SAC I-108	Full Semester
47485	11:00a-12:25p	MW	Gallego Jr R	SAC I-108	Full Semester
47489	11:00a-12:25p	MW	Pham T	SAC R-115	Full Semester
48586	12:30p-3:40p	W	Vargas M	SAC I-108	Full Semester
Section 48586 is designed for students participating in USDA/STEM Career Fields. Section 48586 is linked to English 101 Section 49949. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					



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

MESA is an academic program designed to support educationally disadvantaged community college students to excel in math, engineering, and science so they can transfer to four-year institutions and prepare for professions in the Science, Technology, Engineering, and Math (STEM) fields. Services include tutoring, advisement, academic success workshops, and scholarships.

PUEENTE

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

TEACHER ED

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

U-LINK

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

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

47494	6:00p-9:10p	Tu	Staff	SAC I-101	Full Semester
47543	TBA		Sadler D	SAC HYBRID	Full Semester
	6:00p-7:30p	M	Sadler D	SAC L-225	
Section 47543 Combines online instruction plus on-campus meetings every Mon. 6-7:30pm, SAC L-225. Go to www.sac.edu/disted for more information. Email instructor first week of class. (sadler_dennis@sac.edu)					
47490	7:00p-10:10p	W	Gilmour D	SAC I-101	Full Semester

COUNSELING 150, INTRODUCTION TO HUMAN SERVICES 3 UNITS

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

47514	9:00a-12:10p	F	Gilmour D	SAC I-108	Full Semester
47513	7:00p-10:10p	M	Gilmour D	SAC I-209	Full Semester

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.

50798	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.

50799	8:00a-9:25a	MW	Gonis Jr A	SAC H-207	Full Semester
50803	9:00a-12:10p	F	Davis R	SAC R-318	Full Semester
50802	9:30a-10:55a	Tu Th	Wright G	SAC R-128	Full Semester
50804	11:30a-12:55p	Tu Th	Pena R	SAC A-214	Full Semester
50801	6:00p-9:10p	W	Wright G	SAC W-101	Full Semester
50809	6:00p-9:10p	M	Small S	SAC I-102	Full Semester

CRIMINAL JUSTICE 102, INTRODUCTION TO CORRECTIONS 3 UNITS

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

50816	8:00a-11:10a	F	Glenane R	SAC F-102	Full Semester
50813	6:30p-9:40p	Th	Glenane R	SAC F-102	Full Semester

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: 100 952 hrs–20 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 or Module III

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 or Module III

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
- Corrections Core Course–200 hr
- Correctional Services Asst. 384 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 or Module III

Call CJA – 714-566-9200

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

Investigations

Prerequisite: CJA 100 or Level III Reserve or Module III

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 or Module III

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 or Module III

Call CJA – 714-566-9200

- Driving/Force Option Simulator–8 hr

Miscellaneous Training

Prerequisite: CJA 100 or Level III Reserve or Module III

Call CJA – 714-566-9200

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
CRIMINAL JUSTICE 103, CONCEPTS OF CRIMINAL LAW 3 UNITS					
<i>Criminal law definitions, classifications, basic concepts, and their application to the system of justice administration.</i>					
50823	TBA		Gonis Jr A	SAC WEB	Full Semester
Section 50823: Online instruction plus mandatory on-campus orientation on Mon, Aug. 22, 6-7pm, SAC H-207. Go to www.sac.edu/disted for more information. Email instructor first week of class (gonis_andrew@sac.edu)					
50819	8:00a-9:25a	Tu Th	Gonis Jr A	SAC H-207	Full Semester
50825	6:00p-9:10p	Th	Coulter E	SAC I-101	Full Semester
CRIMINAL JUSTICE 104, PRISON EXPERIENCE 3 UNITS					
<i>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.</i>					
50826	7:00p-10:10p	M	Kraus E	SAC H-201	Full Semester
CRIMINAL JUSTICE 105, LEGAL ASPECTS OF EVIDENCE 3 UNITS					
<i>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.</i>					
50827	9:30a-10:55a	MW	Gonis Jr A	SAC H-207	Full Semester
50828	6:00p-9:10p	Tu	Williamson M	SAC H-205	Full Semester
CRIMINAL JUSTICE 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 Paralegal 107.)</i>					
49177	11:30a-1:10p	Tu Th	Manzano F	SAC A-205	Full Semester
49212	7:00p-10:10p	Tu	Alexander R	SAC I-107	Full Semester
CRIMINAL JUSTICE 108, CRIME SCENE INVESTIGATION 3 UNITS					
<i>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.</i>					
50829	8:00a-9:25a	MW	Jackson G	SAC I-202	Full Semester
CRIMINAL JUSTICE 109, COMMUNITY INTERACTION 3 UNITS					
<i>Explores roles of Criminal Justice practitioners and how they are perceived by the public with an emphasis on critical thinking and decision making.</i>					
50830	6:00p-9:10p	Tu	Staff	SAC H-201	Full Semester
CRIMINAL JUSTICE 110, STREET GANGS 3 UNITS					
<i>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.</i>					
50831	11:00a-12:25p	MW	Gonis Jr A	SAC H-207	Full Semester
CRIMINAL JUSTICE 111A, VOLUNTEER INTERNSHIP ACADEMY 3 UNITS					
<i>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).</i>					
50832	6:00p-9:10p	W	Pettinicchio D	OCPD	Full Semester
CRIMINAL JUSTICE 198, DRUG ABUSE AND CRIMINAL JUSTICE 3 UNITS					
<i>Study of the recognition, identification and effects of illegal drugs: opiates, marijuana, hallucinogens, depressants, and stimulants. Emphasis will also be placed on investigation techniques, use of informants, search warrants, and treatment.</i>					
52114	6:00p-9:10p	W	Staff	SAC I-209	Full Semester
CRIMINAL JUSTICE 205, CRIMINAL INVESTIGATION PRINCIPLES 3 UNITS					
<i>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.</i>					
50833	9:30a-10:55a	Tu Th	Gonis Jr A	SAC H-207	Full Semester
50834	7:00p-10:10p	M	Munn M	SAC H-207	Full Semester
CRIMINAL JUSTICE 209, ORGANIZED CRIME 3 UNITS					
<i>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.</i>					
50836	11:30a-12:55p	Tu Th	Wright G	SAC I-207	Full Semester
CRIMINAL JUSTICE 220, JUVENILE DELINQUENCY AND CONTROL 3 UNITS					
<i>Techniques of handling juvenile offenders and victims diagnosis and referral; prevention and repression of delinquency; organization of community resources; juvenile law and juvenile court procedures.</i>					
50838	6:00p-9:10p	Th	Anderson J	SAC I-202	Full Semester

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CRIMINAL JUSTICE ACADEMIES

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

1 UNIT
Criminal Justice career information will be provided. Emphasis will be on preparing students to successfully complete Law Enforcement pre-employment testing including oral boards, physical agility, and training academy requirements.

48243 6:00p-10:00p Tu Th Sa CJ ACADEMY CJTC-SD 09/06-10/01

CRIMINAL JUSTICE ACADEMIES 010A, PHYSICAL FITNESS FOR PEACE OFFICER

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

48240 6:00p-8:00p Tu Th CJ ACADEMY CJTC-SD 10/11-11/03

CRIMINAL JUSTICE ACADEMIES 026A, TRAINING ACADEMY PREPARATION

0.3 UNIT
This course is designed to prepare the student for the Basic Law Enforcement Academy, Criminal Justice Academies 100. It will include: drill, ceremony, physical training, reporting and speeches.

48166 7:00a-4:00p Sa CJ ACADEMY CJTC-SD 11/05-11/19

48165 7:00a-4:00p Sa CJ ACADEMY CJTC-SD 08/20-08/27

DANCE

DANCE 009, DANCE CLASS LABORATORY

0.5 UNIT

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. Requires concurrent enrollment in a dance course.

Open Entry / Open Exit

49254 TBA Gillette H SAC G-108 Full Semester

DANCE 100, DANCE HISTORY AND APPRECIATION

3 UNITS

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

48215 11:30a-12:55p Tu Th Fenton R SAC A-130 Full Semester

DANCE 102, INTRODUCTION TO DANCE FORMS

3 UNITS

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

48216 8:00a-8:55a MW Garcia R SAC G-108 Full Semester
 9:00a-9:20a MW Garcia R SAC G-108

2 hours arranged each week

DANCE 105, WORLD DANCE AND CULTURES

3 UNITS

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

48217 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.

49213 12:15p-1:10p F Kikawa E SAC G-108 Full Semester
 1:15p-2:05p F Kikawa E SAC G-108

One audition required: Thurs. Aug. 25 at 1:00 or 5:00 pm. 1.5 hours arranged per week

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.

48218 8:00a-9:00a Tu Kikawa E SAC G-108 08/23-10/13

8:00a-9:00a Th Kikawa E SAC G-108

48247 8:00a-8:55a Tu Kikawa E SAC G-108 10/18-12/08

8:00a-8:55a Th Kikawa E SAC G-108

49256 5:30p-6:30p M Perez M SAC W-106 10/17-12/07

5:30p-6:30p W Perez M SAC W-106

49255 5:30p-6:30p M Perez M SAC W-106 08/22-10/12

5:30p-6:30p W Perez M SAC W-106

DANCE 120, INTRODUCTION TO HIP-HOP DANCE

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.

48647 3:00p-3:50p Th Jensen K SAC G-108 Full Semester

3:55p-4:55p Th Jensen K SAC G-108

DANCE AUDITIONS

Dance Production

Dance 107, 205, 204AB

25-30 dancers are needed.

Auditions for the Dance Concert:

Thursday, August 25, 2011

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, 204AB, or 205. Information call the Dance Department, 714-564-5641.

DANCE 121, INTERMEDIATE HIP-HOP DANCE 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.

48649	7:00p-7:50p	Tu	Jensen K	SAC G-108	Full Semester
	7:55p-8:55p	Tu	Jensen K	SAC G-108	

DANCE 201A, BALLET I 2 UNITS

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.

48654	9:30a-9:55a	MW	Garcia R	SAC G-108	Full Semester
	10:00a-10:55a	MW	Garcia R	SAC G-108	

1 hour arranged each week

DANCE 201B, BALLET II 2 UNITS

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.

48655	9:30a-9:55a	MW	Garcia R	SAC G-108	Full Semester
	10:00a-10:55a	MW	Garcia R	SAC G-108	

1 hour arranged each week

DANCE 202A, CHOREOGRAPHY 3 UNITS

A class for the general student which defines and explores the elements involved in creating a dance. Students will develop choreographic skills in order to be able to express their ideas through dance movement. Compositions created by students will be performed in the studio. For non-majors only.

49094	1:00p-2:55p	Tu	Kikawa E	SAC G-108	Full Semester
	1:00p-2:55p	Th	Kikawa E	SAC G-108	

1 hour arranged each week

DANCE 202B, CHOREOGRAPHY FOR DANCE MAJORS 3 UNITS

A composition class for dance majors which defines and explores the elements involved in creating a dance. Students will develop choreographic skills emphasizing individual expression of ideas through dance movement. Solo compositions created by students performed in dance studio. Dance majors.

49096	1:00p-2:55p	Tu	Kikawa E	SAC G-108	Full Semester
	1:00p-2:55p	Th	Kikawa E	SAC G-108	

1 hour arranged each week

DANCE 205, PERFORMANCE ENSEMBLE 2 UNITS

Pre-professional ensemble to provide performance experience for advanced students. 64 hours earns 2 units. Repertoire and casting vary each semester. Requires audition prior to enrollment.

W 49216	3:05p-4:00p	F	Gillette H	SAC G-108	Full Semester
	4:05p-4:55p	F	Gillette H	SAC G-108	

One audition required: Thurs. Aug. 25 at 1:00 or 5:00 pm. 8 hours arranged per week

DANCE 206A, MODERN DANCE I 2 UNITS

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.

49098	11:00a-12:55p	M	Gillette H	SAC G-108	Full Semester
	11:00a-12:55p	W	Gillette H	SAC G-108	

DANCE 206B, MODERN DANCE II 2 UNITS

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.

Prerequisite: Dance 206A or Audition.

49099	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
	11:00a-12:55p	Th		SAC G-108	

DANCE 209, MODERN DANCE III 2 UNITS

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.

49100	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
	11:00a-12:55p	Th		SAC G-108	

DANCE 210, MODERN DANCE IV 2 UNITS

Continuing study of technique including more complicated combinations and advanced material. Emphasizes movement, expression, composition techniques and comparison of modern dance styles. Dance 209 recommended. May be repeated.

49101	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
	11:00a-12:55p	Th		SAC G-108	

DANCE 213, BALLET III 2 UNITS

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.

49103	9:00a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	Th	Perez M	SAC G-108	
	9:00a-10:55a	Th		SAC G-108	

DANCE 214, BALLET IV 2 UNITS

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.

49107	9:00a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	Th	Perez M	SAC G-108	
	9:00a-10:55a	Th		SAC G-108	

DANCE 219A, JAZZ DANCE I 2 UNITS

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.

49110	1:00p-2:00p	M	Gillette H	SAC G-108	Full Semester
	2:05p-3:00p	M	Gillette H	SAC G-108	
	1:00p-3:00p	W		SAC G-108	

DANCE 219B, JAZZ DANCE II 2 UNITS

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.

49114	1:00p-2:00p	M	Gillette H	SAC G-108	Full Semester
	2:05p-3:00p	W	Gillette H	SAC G-108	
	1:00p-3:00p	W		SAC G-108	

49231	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	SAC G-108	
	5:00p-6:55p	Th		SAC G-108	

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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>					
49235	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	SAC G-108	
	5:00p-6:55p	Th		SAC G-108	
DANCE 221, JAZZ DANCE IV 2 UNITS					
<i>Continuing study of jazz dance concentrating on advanced combinations with emphasis on movement technique, vocabulary and performance style. Includes study of choreography, cultural context of jazz and comparisons of historical and contemporary jazz styles. Dance 220 recommended.</i>					
49238	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	SAC G-108	
	5:00p-6:55p	Th		SAC G-108	
DANCE 240A, REPERTORY I 2 UNITS					
<i>Student develop and improve rehearsal and performance skills through learning a repertoire of dances. Includes preparation for public concerts and performances at different venues. Dances vary each semester.</i>					
49222	TBA		Kikawa E	SAC G-108	Full Semester
One audition required: Thurs. Aug. 25 at 1:00 or 5:00 pm 4 hours arranged each week					
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>					
49229	TBA		Kikawa E	SAC G-108	Full Semester
One audition required: Thurs. Aug. 25 at 1:00 or 5:00 pm. 4 hours arranged each week					
DANCE 296, SPECIAL STUDIES IN MODERN DANCE 1 UNIT					
<i>An intermediate/advanced level course offering individualized and accelerated instruction in modern dance techniques.</i>					
49242	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
DANCE 298, SPECIAL STUDIES IN DANCE 1 UNIT					
<i>An intermediate/advanced level course offering individualized and accelerated instruction in dance techniques.</i>					
Prerequisite: Must complete two dance courses in ballet, jazz or modern dance.					
49251	9:05a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	Tu	Perez M	SAC G-108	

DIESEL

DIESEL 008, OXYACETYLENE-ARC WELDING 3 UNITS					
<i>Technical knowledge and basic skills needed for occupational oxyacetylene and arc welding processes and applications. Students must furnish safety equipment. (Same as Automotive Technology 008 and Welding 008.)</i>					
50924	8:00a-11:30a	Tu Th	Moreno G	SAC K-101	Full Semester
50929	6:00p-9:30p	Tu Th	Moreno G	SAC K-101	Full Semester
DIESEL 021, MID-RANGE DIESEL ENGINE SERVICE 4.5 UNITS					
<i>Troubleshooting and service and repair techniques for medium-duty diesel engines and fuel systems. Students must furnish own safety equipment.</i>					
51690	6:30p-10:40p	Tu Th	Hogue T	SAC J-101	Full Semester
DIESEL 040, DIESEL ELECTRICAL SYSTEMS 5 UNITS					
<i>Diagnosis, service, and repair procedures for starting, charging, lighting, and instrument systems. Students furnish safety equipment and protective clothing.</i>					
50556	8:00a-12:35p	MW	Hogue T	SAC K-115	Full Semester
DIESEL 095, DIESEL LAB EXPERIENCE 0.5 - 4 UNITS					
<i>This diesel lab course is designed to give the diesel student lab experience in a diesel course previously completed with a grade of C or better. The student must be enrolled by the instructor. Students must furnish hand tools and safety equipment. May be repeated to a maximum of 4 units. (Same as Automotive Technology 095.)</i>					
Open Entry / Open Exit					
50566	TBA		Hogue T	SAC	Full Semester

Academic Planning Questions?
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<h1>EARTH SCIENCE</h1>					
EARTH SCIENCE 110, INTRODUCTION TO EARTH SCIENCE 3 UNITS					
<i>A study of the processes that shape and form the Earth and define its place in the solar system. Introduction to the sciences of geology, oceanography, meteorology, and astronomy. Not open to students who are enrolled, or have credit in Geology 101 or Geography 101.</i>					
48337	8:00a-9:25a	MW	Eastmond D	SAC R-111	Full Semester
48203	8:00a-9:25a	Tu Th	Coyne C	SAC R-124	Full Semester
48338	9:00a-12:10p	Sa	Greenwood R	SAC R-111	Full Semester
48205	9:00a-12:10p	F	Eastmond D	SAC R-126	Full Semester
48339	1:15p-4:25p	M	Coyne C	SAC R-111	Full Semester
48204	7:00p-10:10p	W	Staff	SAC R-126	Full Semester

EARTH SCIENCE 115, EARTH SCIENCE FOR EDUCATORS 4 UNITS					
<i>The study of the dynamic forces shaping the earth, including its oceans and atmosphere. This class is open to all majors but is oriented towards enhancing the earth science knowledge of future teachers. Also includes an introduction to the solar system. Not open to students who are enrolled or have credit in Earth Science 110, Geology 101 or Geography 101.</i>					
48374	9:45a-12:55p	Tu	Coyne C	SAC R-328	Full Semester
	9:45a-12:55p	Th	Coyne C	SAC R-328	

EARTH SCIENCE 150, INTRODUCTION TO OCEANOGRAPHY 3 UNITS					
<i>Introductory study of the ocean and its topography, sediments, circulation, shoreline processes, biological productivity and mineral resources. (Same as Geology 150.)</i>					
48354	11:30a-12:55p	MW	Hughes P	SAC R-111	Full Semester

ECONOMICS

ECONOMICS 120, PRINCIPLES/MACRO 3 UNITS					
<i>Introduction to macroeconomics, including basic economic concepts, analysis of markets, national income accounting, employment, short run business cycle fluctuations, long run growth trends, monetary and fiscal policies, and international economic issues. Intended for economics, business, and certain engineering/computer science majors. Speech Communication 097 is recommended.</i>					
Prerequisite: Mathematics 080 (Intermediate Algebra) or Mathematics 081 (Intermediate Algebra with lab) at RSCCD or placement into a math level higher than intermediate algebra or 1 year of high school intermediate algebra (Algebra II) with a grade of C or better.					
47902	TBA		Ho L	SAC HYBRID	Full Semester
	10:00a-11:30a	Sa		SAC A-211	
Section 47902 Online instruction plus mandatory on campus meetings: Saturdays 8/27, 11/5, 12/3 from 10:00-11:30am in SAC A-211. Go to www.sac.edu/disted for more information. Email instructor first week of class (ho_lac@sac.edu).					
47891	8:00a-9:25a	MW	Montes A	SAC D-209	Full Semester
47894	9:45a-11:10a	Tu Th	Montes A	SAC D-209	Full Semester
47895	11:30a-12:55p	Tu Th	Montes A	SAC D-209	Full Semester
47896	7:00p-10:10p	W	Montes A	SAC D-101	Full Semester

ECONOMICS 121, PRINCIPLES/MICRO 3 UNITS					
<i>Introduction to microeconomics, including basic economic concepts, analysis of markets, efficiency, consumer and firm behavior, industry structures, market failure, and resource markets. For economics, business, and certain engineering and computer science majors. Economics 120, Mathematics 060 and Speech Communication 097 or Communication 097 are recommended.</i>					
Prerequisite: Mathematics 080 (Intermediate Algebra) or Mathematics 081 (Intermediate Algebra with lab) at RSCCD or placement into a math level higher than intermediate algebra or 1 year of high school intermediate algebra (Algebra II) with a grade of C or better.					
47898	TBA		Ho L	SAC HYBRID	Full Semester
	11:40a-1:10p	Sa		SAC A-211	
Section 47898 Online instruction plus mandatory on campus meetings: Saturdays 8/27, 11/5, 12/3 from 11:40am-1:10pm in SAC A-211. Go to www.sac.edu/disted for more information. Email instructor first week of class (ho_lac@sac.edu).					
47899	8:00a-9:25a	Tu Th	Montes A	SAC D-209	Full Semester
47900	11:30a-12:55p	MW	Montes A	SAC D-209	Full Semester
48973	7:00p-10:10p	Th	Montes A	SAC D-208	Full Semester

EDUCATION

EDUCATION 100, INTRODUCTION TO EDUCATION 3 UNITS					
<i>Introduction to the field of education including historical and philosophical perspectives; school governance and funding; societal influences and student diversity; school curriculum standards; professional standards and teaching performance expectations. Two to three additional hours per week will be arranged for field experience in a local school. Minimum of 32 hours total is required.</i>					
50969	1:00p-2:25p	Tu Th	Naman T	SAC V-150	Full Semester
Section 50969 has 2 hours arranged per week					
50968	6:00p-9:10p	M	Silverman L	SAC I-107	Full Semester
Section 50968 has 2 hours arranged per week					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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EDUCATION 204, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR SECONDARY TEACHERS **3 UNITS**

Development of personal proficiency in educational technology to facilitate the teaching process. Training in computer hardware and software terminology; spreadsheets, word processing, publication, and presentation applications; Internet search and retrieval; information literacy; electronic communication and awareness of legal and ethical issues.

H	50970	TBA	Staff	SAC HYBRID	Full Semester
		7:00p-10:00p	W	Staff	SAC T-203

Section 50970 combines online instruction plus mandatory on-campus meetings every other Wed beginning Aug 24, from 7-10pm in SAC, T-203. Go to www.sac.edu/disted for more information.

EDUCATION 205, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGY FOR ELEMENTARY TEACHERS **3 UNITS**

Development of proficiency in educational technology to facilitate the teaching process. Training in computer hardware and software terminology; spreadsheet, word processing, publication, and presentation applications; Internet search and retrieval; information literacy; electronic communication and awareness of legal and ethical issues.

H	50981	TBA	Staff	SAC HYBRID	Full Semester
		7:00p-10:10p	W	Staff	SAC T-203

Section 50981 combines online instruction plus mandatory on-campus meetings every other Wed beginning Aug 24, from 7-10pm in SAC, T-203. Go to www.sac.edu/disted for more information.

EMERGENCY MEDICAL TECHNICIAN

EMERGENCY MEDICAL TECHNICIAN 100, EMERGENCY MEDICAL TECHNICIAN **6 UNITS**

Basic course for EMT. Satisfies requirements for County/State EMS Authority. Prepares student to take O.C.E.M.S./National Registry certifying exam for state certification.

H	47148	12:30p-2:55p	M W	Dethlefsen E	SAC R-307	Full Semester
		3:00p-4:55p	M W	Dethlefsen E	SAC R-307	

A current American Heart Association CPR card for HEALTH CARE PROVIDER is required to be shown the first day of class for ALL EMT students. Failure to comply will result in being dropped from the class.

H	47149	8:30a-10:55a	Tu Th	Dethlefsen E	SAC R-307	Full Semester
		10:55a-12:50p	Tu Th	Dethlefsen E	SAC R-307	

A current American Heart Association CPR card for HEALTH CARE PROVIDER is required to be shown the first day of class for ALL EMT students. Failure to comply will result in being dropped from the class.

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.

Open Entry / Open Exit

47150	8:00a-5:05p	F	Dethlefsen E	SAC R-203	10/28-12/09
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8 hours to be arranged

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.

W	47151	8:30a-12:30p	F Sa	Dethlefsen E	SAC R-307	09/30-10/08
		1:00p-5:10p	F Sa	Dethlefsen E	SAC R-307	

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

ENGINEERING

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.

H	48628	TBA	Sherod S	SAC HYBRID	Full Semester
		7:00p-8:00p	M	Sherod S	SAC A-216

Section 48628 hybrid instruction combines mandatory on campus meetings every Mon, 7:00pm-8:00pm, SAC A-216 plus online instruction.

ENGINEERING 051, BASIC TECHNICAL DRAWING **3 UNITS**

Principles of mechanical drawing including projections, views, dimensions, and conventions, utilizing sketches and computer drafting program. Designed for students with no prior mechanical drawing experience. Suggested preparation: Engineering 183 (may be taken concurrently).

49062	7:00p-10:10p	M	Staff	SAC A-214	Full Semester
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3 hours per week arranged.

ENGINEERING 100A, INTRODUCTION TO ENGINEERING **2 UNITS**

Introduction to major fields of Engineering (including mechanical, electrical, industrial, biomedical, aerospace, and others.) Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, and guest speakers.

49081	5:00p-6:55p	Th	Takahashi C	SAC A-214	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ENGINEERING 100B, INTRODUCTION TO ARCHITECTURE/CIVIL ENGINEERING / CONSTRUCTION (AEC) **2 UNITS**

Introduction to the Architectural, Civil Engineering, Construction (AEC) fields. Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, and guest speakers.

H	49082	TBA	Sherod S	SAC HYBRID	Full Semester
		6:00p-6:55p	W	Sherod S	SAC A-216

Section 49082 hybrid instruction combines mandatory on campus meetings every Wed, 6:00pm-6:55pm, SAC A-216 plus online instruction.

ENGINEERING 103, SOLIDWORKS BASIC SOLID MODELING **3 UNITS**

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

50572	7:00p-10:10p	Tu	Corley G	SAC T-203-1	Full Semester
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Section 50572 has 2 hours arranged per week

50570	7:00p-10:10p	W	Cole J	SAC T-203-1	Full Semester
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Section 50570 has 2 hours arranged per week

ENGINEERING 110, ADVANCED CAD APPLICATIONS **0.5 - 4 UNITS**

Individual skill development for advanced students desiring to learn special applications using college licensed computer drafting and design software. Each 0.5 unit of credit requires 24 laboratory hours. Suggested preparation: Engineering 184.

Open Entry / Open Exit

49135	TBA	Staff	SAC WEB	Full Semester
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Section 49135 online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class. (takahashi_craig@sac.edu)

ENGINEERING 114, GEOMETRIC DIMENSIONING AND TOLERANCING **3 UNITS**

Drawing interpretation utilizing geometric dimensioning and tolerancing (ANSI Y14.5) as applied in engineering, manufacturing, and inspection. Suggested preparation: Prior or concurrent enrollment in Engineering 011 or Engineering 122. (Same as Manufacturing Technology 114.)

51222	7:00p-10:10p	W	Corley G	SAC R-318	Full Semester
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ENGINEERING 122, ENGINEERING DRAWING **3 UNITS**

Principles of engineering drawing: projections, views, sections, dimensions, tolerancing, assemblies, manufacturing processes, engineering drafting practices. Utilizing sketches and computer drafting program. Suggested preparation: Engineering 051 and 183 (Engineering 183 may be taken concurrently).

H	49120	TBA	Takahashi C	SAC HYBRID	Full Semester
		7:00p-9:10p	Tu W	Takahashi C	SAC A-214

Section 49120 hybrid instruction combines mandatory on-campus meetings every Tues & Wed, 7:00pm-9:10pm, SAC A-214 plus online instruction.

ENGINEERING 124, ADVANCED DRAWING **3 UNITS**

Advanced topics in engineering drawing and design - working drawings, fasteners, cams, gears, auxiliary views, advanced sectioning, dimensioning, tolerancing. Utilizing sketches and computer drafting program. Suggested preparation: Engineering 122 or 125.

H	49125	TBA	Takahashi C	SAC HYBRID	Full Semester
		7:00p-9:10p	Tu W	Takahashi C	SAC A-214

Section 49125 hybrid instruction combines mandatory on-campus meetings every Tues & Wed, 7:00pm-9:10pm, SAC A-216 plus online instruction.

ENGINEERING 130A, CATIA SOLID MODELING I **3 UNITS**

Introductory course in parametric solid modeling CAD using CATIA software. Topics include: CAD overview, sketching, basic solid model creation (base features, extrudes, revolves, etc.) sketch constraints, reference elements, hole features, feature editing, assembly and drawing creation. (Same as Manufacturing Technology 130A).

Software Utilized: CATIA V.5.R19

49136	5:00p-6:55p	Tu W	Gutierrez M	SAC A-214	Full Semester
	7:00p-8:10p	Tu W	Gutierrez M	SAC A-225	

ENGINEERING 130B, CATIA SOLID MODELING II **3 UNITS**

Intermediate course in parametric solid modeling CAD using CATIA software. Topics intermediate level sketching, modeling (ribs, slots, lofts), feature transformation, assemblies, drafting workbench, surface modeling, and other CATIA modules. Suggested Preparation: Engineering 130A.

Software Utilized: CATIA V.5.R19

49137	5:00p-6:55p	Tu W	Gutierrez M	SAC A-214	Full Semester
	7:00p-8:10p	Tu W	Gutierrez M	SAC A-225	

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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>					
49111	7:00p-10:10p	Th	Takahashi C	SAC A-214	Full Semester 2 hours per week arranged.
ENGINEERING 140A, PROENGINEER SOLID MODELING I 3 UNITS					
<i>Introductory course in parametric solid modeling CAD using ProEngineer software. Topics include sketches, sketch constraints, part modeling and editing, assemblies, drawing creation and views, dimensioning, and annotations.</i>					
Software Utilized: ProEngineer Wildfire 5.0					
49130	5:00p-6:55p	M	Rodriguez Ponce L	SAC A-214	Full Semester
	7:00p-8:10p	M	Rodriguez Ponce L	SAC A-225	2 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 ecological terms and concepts, plans, elevations, sections, schedules, structures, abbreviations, lettering, symbols and linetypes. Recommended preparation Engineering 012 and 184.</i>					
Prerequisite: Engineering 183.					
H 48626	TBA		Sherod S	SAC HYBRID	Full Semester
	5:00p-6:55p	M	Sherod S	SAC A-216	
Section 48626 hybrid instruction combines mandatory on-campus meetings every Mon, 5:00pm-6:55pm, SAC A-216 plus online instruction and lab.					
ENGINEERING 165, INTRODUCTION TO ENERGY 3 UNITS					
<i>Students will gain a broad understanding of energy concepts, efficiencies, conservation, distribution, careers and cost-benefit analysis of energy resource use. The study of both renewable and non-renewable energy will be included.</i>					
49134	7:00p-8:35p	Tu W	Staff	SAC A-216	Full Semester
ENGINEERING 183, AUTOCAD I - COMPUTER AIDED DRAFTING 3 UNITS					
<i>A first course in computer drafting using AutoCAD software. Topics include: display and file management, units, entities, object selection, advanced editing, layers, dimensions, text, graphic exchange.</i>					
Software Utilized: AutoCAD 2012					
49106	TBA		Gallegos H	SAC WEB	Full Semester
Section 49106 online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class. (gallegos_humberto@sac.edu)					
W 48623	8:00a-12:10p	Sa	Fonseca J	SAC A-216	Full Semester
2 hours per week arranged.					
49128	6:00p-7:55p	Th	Galvez R	SAC A-216	Full Semester
	8:00p-10:10p	Th		SAC A-216	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>					
Software Utilized: AutoCAD 2012					
49129	6:00p-7:55p	Th	Galvez R	SAC A-216	Full Semester
	8:00p-10:10p	Th		SAC A-216	2 hours per week arranged.
49139	7:00p-7:55p	Tu W	Staff	SAC A-216	Full Semester
	8:00p-10:10p	Tu W	Staff	SAC A-216	
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>					
Software Utilized: AutoCAD 2012					
W 48625	8:00a-12:10p	Sa	Fonseca J	SAC A-216	Full Semester
2 hours per week arranged.					
ENGINEERING 186, AUTOCAD 3-DIMENSIONAL DRAWING 3 UNITS					
<i>Use of AutoCAD's 3-dimensional software. Includes 3-D models, extruding to 3-D, coordinate space, filter, and dynamic viewing. Recommended preparation: Engineering 184.</i>					
Software Utilized: AutoCAD 2012					
H 49131	TBA		Sherod S	SAC HYBRID	Full Semester
	9:00a-12:10p	Sa	Sherod S	SAC A-214	
Section 49132 hybrid instruction combines mandatory on-campus meetings every Sat, 9:00am-12:10pm, SAC A-214 plus online instruction.					
ENGINEERING 187, ADVANCED 3-D AUTOCAD 3 UNITS					
<i>Advanced use of AutoCAD's 3-Dimensional software. Includes: merging of models, advanced modeling, calculations, 3-dimensional rendering and presentation. Suggested preparation: Engineering 186.</i>					
Software Utilized: AutoCAD 2012					
H 49132	TBA		Sherod S	SAC HYBRID	Full Semester
	9:00a-12:10p	Sa	Sherod S	SAC A-214	
Section 49132 hybrid instruction combines mandatory on-campus meetings every Sat, 9:00am-12:10pm, SAC A-214 plus online instruction.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGINEERING 188, MACHINE TECHNOLOGY SURVEY 3 UNITS					
<i>Machine tool setup and operation for students who desire general knowledge of machine tools and processes. All the basic machine tools are used. Not intended for Manufacturing Technology majors. (Same as Manufacturing Technology 188.)</i>					
Prerequisite: Successful completion or concurrent enrollment in Engineering 011, 051, 122, 124, 125; or Manufacturing Technology 011.					
50573	9:30a-1:45p	Tu Th	Kanzler D	SAC T-107	Full Semester
50575	5:30p-9:35p	Tu Th	Gershman B	SAC T-107	Full Semester
51214	5:30p-9:35p	M W	Kanzler D	SAC T-107	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGINEERING 235, STATICS 3 UNITS					
<i>The first part of mechanics, as applied to static force systems and equilibrium conditions occurring in engineering problems. Includes some graphical methods and the use of diagrams as an aid to algebraic solutions. Utilizes SI metrics.</i>					
Prerequisite: Physics 217 & Mathematic 185 (both may be taken concurrently)					
49127	4:00p-6:55p	W	Takahashi C	SAC A-217	Full Semester

ENGLISH

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGLISH N50, INTRODUCTION TO WRITTEN COMMUNICATION 3 UNITS					
<i>Introduction to written communication including autobiographical, journal and summary writing, and responding to essays. Basic grammar and punctuation. Not applicable to associate degree. Students may be referred to the Writing Center.</i>					
Prerequisite: Qualifying profile from English placement process.					
47389	7:30a-8:55a	M W	Mitzner R	SAC D-205	Full Semester
47385	8:00a-9:25a	Tu Th	Bromberger K	SAC D-201	Full Semester
Section 47385 is linked to Counseling 107, The Freshman Experience, Section 47473.					
Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.					
47390	8:00a-9:25a	Tu Th	Staff	SAC D-211	Full Semester
47384	9:45a-11:10a	M W	Beyersdorf M	SAC D-108	Full Semester
47387	7:00p-10:10p	Tu	Barraza G	SAC I-103	Full Semester
47391	7:00p-10:10p	Tu	Campbell J	SAC I-108	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGLISH N60, BASICS OF EFFECTIVE WRITING 3 UNITS					
<i>Sentence structure and paragraph writing including reading-based modeling and integrated study skills. Not applicable to associate degree. 16 additional hours in Writing Center required (one hour per week for 16-week semester sections).</i>					
Prerequisite: Grade of C or better in English N50 or qualifying profile from English placement process.					






NOTE: ENGLISH N60 CLASSES REQUIRE 16 ADDITIONAL HOURS IN WRITING CENTER. ONE HOUR PER WEEK FOR 16-WEEK SEMESTER



47392	7:30a-9:35a	M W	Bassett D	SAC D-108	Full Semester
47393	7:30a-9:35a	Tu Th	Sosta R	SAC D-109	Full Semester
47404	8:00a-10:05a	M W	Gorrie K	SAC I-109	Full Semester
47397	8:00a-10:05a	Tu Th	Beyersdorf M	SAC L-202	Full Semester
Section 47397 is linked to Counseling 107, The Freshman Experience, Section 47474.					
Enrollment in both sections is mandatory. See the Freshman Experience page in the class schedule for more information.					
47405	8:00a-10:05a	M W	Munoz J	SAC D-208	Full Semester
47395	9:15a-11:20a	M W	Brandon K	SAC I-107	Full Semester
47402	9:15a-11:20a	Tu Th	Brandon K	SAC I-206	Full Semester
47401	9:45a-11:50a	Tu Th	Sosta R	SAC D-201	Full Semester
47398	10:15a-12:20p	M W	Bassett D	SAC I-207	Full Semester
Section 47398 is linked to Counseling 107, The Freshman Experience, Section 47472.					
Enrollment in both sections is mandatory. See the Freshman Experience page in the class schedule for more information.					
47403	11:15a-1:20p	Tu Th	Pecenkovic N	SAC I-102	Full Semester
47399	11:30a-1:35p	Tu Th	Bennett G	SAC I-109	Full Semester
47394	6:00p-10:15p	M	Prothero J	SAC I-109	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
ENGLISH 061, INTRODUCTION TO COMPOSITION 3 UNITS					
<i>Expository paragraph writing emphasizing various methods including argumentation. Practice in refining sentence skills and grammar. 16 additional hours in Writing Center required.</i>					
Prerequisite: Grade of C or better in English N60 or qualifying profile from English placement process.					

NOTE: ENGLISH 061 CLASSES REQUIRE 16 ADDITIONAL HOURS IN WRITING CENTER. ONE HOUR PER WEEK FOR 16-WEEK SEMESTER

H 47291	TBA		Bennett G	SAC HYBRID	Full Semester
	4:30p-6:50p	W	Bennett G	SAC I-104	
Section 47291 combines online instruction plus mandatory on campus meetings: Wed. 8/24, 9/28, 11/2, 12/7 from 4:30-6:50pm, SAC I-104. Go to www.sac.edu/disted for more information. Email instructor first week of class. (bennett_gary@sac.edu)					
47311	7:00a-9:05a	Tu Th	Greenberg H	SAC I-206	Full Semester
47290	7:00a-9:05a	M W	Beyersdorf M	SAC D-204	Full Semester
47309	7:00a-9:05a	M W	Lewitzky R	SAC I-107	Full Semester
47293	7:30a-9:35a	Tu Th	Ramshaw C	SAC D-103	Full Semester
47308	7:30a-9:35a	M W	Tran M	SAC D-107	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
47296	7:30a-9:35a	Tu Th	Tran M	SAC D-107	Full Semester
47292	8:00a-10:05a	M W	Ramshaw C	SAC I-104	Full Semester
47297	9:00a-11:05a	Tu Th	Martinez Guzman D	SAC I-107	Full Semester
PUENTE-Section 47297 is linked to Counseling 107, The Freshman Experience, Section 47466. Enrollment in both section is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
47310	9:00a-1:15p	F	Keefer S	SAC D-108	Full Semester
47294	9:00a-1:15p	F	Keener D	SAC D-103	Full Semester
47295	9:30a-11:35a	Tu Th	Carroll A	SAC B-31	Full Semester
Section #47295 is linked to Counseling 107, The Freshman Experience, Section 47475. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
47306	9:45a-11:50a	M W	Martinez Guzman D	SAC D-103	Full Semester
47299	11:30a-1:35p	Tu Th	Mitzner R	SAC D-213	Full Semester
Section 47299 is linked to Counseling 107, The Freshman Experience, Section 47476. Enrollment in all sections is mandatory. See the Freshman Experience program page in the class schedule for more information.					
47314	11:30a-3:45p	Tu Th	Tran M	SAC D-205	08/22-10/14 16 lab hours required, two hours per week for 8-week session.
47307	11:30a-3:45p	Tu Th	Greenberg H	SAC D-302	08/22-10/13
47313	11:45a-1:50p	Tu Th	Simmerman S	SAC I-104	Full Semester
Section 47313 is linked to Counseling 107, The Freshman Experience, Section 47477. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.					
47300	1:00p-3:05p	Tu Th	Brandon K	SAC D-201	Full Semester
47312	1:15p-3:20p	M W	Higgins M	SAC D-304	Full Semester
47315	1:15p-3:20p	Tu Th	Jaffray S	SAC D-208	Full Semester
47301	3:45p-5:50p	M W	Higgins M	SAC D-108	Full Semester
47302	4:30p-6:35p	Tu Th	Carey J	SAC D-201	Full Semester
47304	6:00p-10:15p	W	Musgrove C	SAC I-208	Full Semester
47320	6:00p-10:15p	Tu	Read-Davidson M	SAC D-305	Full Semester
47303	6:00p-10:15p	Tu	Johnson S	SAC D-208	Full Semester
47305	6:00p-10:15p	Th	Johnson S	SAC D-108	Full Semester
ENGLISH 101, FRESHMAN COMPOSITION			4 UNITS		
<i>Expository and argumentative essays and the research paper. Special interest sections described in schedule of classes.</i>					
Prerequisite: Grade of C or better in English 061 or EMLS 112 or ACE 116 or qualifying profile from English placement process.					
	47334	TBA	Kabaji N	SAC HYBRID	Full Semester
4:00p-6:50p Th SAC D-208					
Section 47334 combines online instruction plus mandatory on campus meetings: Thursdays 9/1 A-206 first meeting, 9/15, 10/13, 11/17 and 12/1 from 4:00-6:50pm in SAC D-208. Go to www.sac.edu/disted for information. Email instructor first week of class (kabaji_noha@sac.edu).					
	47338	TBA	Carey J	SAC HYBRID	Full Semester
4:00p-5:50p M SAC D-305					
Section 47338 combines online instruction plus mandatory on campus meetings: Mondays 8/22, 9/26, 10/31, 12/5 from 4:00-5:50pm in SAC D-305. Go to www.sac.edu/disted for information. Email instructor first week of class (carey_jennifer@sac.edu).					
	47346	TBA	Bennett G	SAC HYBRID	Full Semester
4:30p-6:50p Th SAC D-214					
Section 47346 combines online instruction and mandatory on-campus meetings on Thursdays 8/25, 9/29, 11/3 and 12/8 from 4:30-6:50pm in D-214. Go to www.sac.edu/disted from more information. Email instructor first week of class (bennett_gary@sac.edu).					
	47348	TBA	Pearce D	SAC HYBRID	Full Semester
4:00p-5:50p Th SAC D-102					
Section 47348 combines online instruction plus mandatory on campus meetings Thursdays 8/25, 10/6, 11/3, 12/8 from 4:00-5:50pm in SAC D-102. Go to www.sac.edu/disted for information. Email instructor first week of class (pearce_dianne@sac.edu).					
	47349	TBA	Nguyen P	SAC HYBRID	Full Semester
4:00p-5:50p Th SAC D-212					
Section 47349 combines online instruction plus mandatory on campus meetings Thursdays 8/25, 10/6, 11/3, 12/8 from 4:00-5:50pm in SAC D-212. Go to www.sac.edu/disted for information. Email instructor first week of class (Nguyen_Pete@sac.edu).					
47324	7:00a-9:05a	M W	Kabaji N	SAC D-103	Full Semester
47325	7:30a-9:35a	Tu Th	Bassett D	SAC I-102	Full Semester
47328	8:00a-10:05a	M W	Harris J	SAC D-201	Full Semester
47352	9:00a-1:15p	Sa	Gomez F	SAC I-106	Full Semester
47350	9:00a-1:15p	F	Gomez F	SAC D-102	Full Semester
47347	9:00a-11:05a	Tu Th	Higgins M	SAC D-102	Full Semester
47345	9:00a-11:05a	Tu Th	Simmerman S	SAC I-208	Full Semester
49949	9:00a-11:05a	Tu Th	Pecenovic N	SAC D-103	Full Semester
Section 49949 is designed for students participating in USDA/STEM Career Fields and is linked to Counseling 116, Career Life Planning and Exploration Section 48586. Enrollment in both sections is mandatory. See the Freshman Experience page in the class schedule for more information.					
47332	9:45a-11:50a	M W	Sosta R	SAC D-211	Full Semester
47329	9:45a-11:50a	Tu Th	Ramshaw C	SAC D-208	Full Semester
47330	9:45a-11:50a	Tu Th	Kaminsky R	SAC D-211	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
47353	11:30a-1:35p	M W	Brandon K	SAC D-213	Full Semester
47355	11:30a-1:35p	M W	Patterson K	SAC I-106	Full Semester
47323	11:30a-1:35p	Tu Th	Bassett D	SAC D-204	Full Semester
Section 47323 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 47491 and Psychology 100, Introduction to Psychology, Section 47520. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
47342	12:45p-2:50p	Tu Th	Higgins M	SAC D-210	Full Semester
47331	1:00p-3:05p	M W	Corrie K	SAC D-102	Full Semester
47343	1:00p-3:05p	M W	Martinez Guzman D	SAC D-103	Full Semester
47336	1:15p-3:20p	M W	Jaffray S	SAC D-212	Full Semester
47335	1:15p-5:30p	Tu	Taylor J	SAC D-209	Full Semester
47337	1:15p-5:30p	Th	Taylor J	SAC D-209	Full Semester
47344	1:15p-3:20p	M W	Sosta R	SAC D-109	Full Semester
47351	1:45p-3:50p	Tu Th	Carroll A	SAC D-103	Full Semester
47354	2:00p-4:05p	M W	Tran M	SAC I-208	Full Semester
47333	4:30p-6:35p	M W	Jaffray S	SAC D-208	Full Semester
47326	6:00p-10:15p	M	Reid M	SAC D-108	Full Semester
47340	6:00p-10:15p	W	Dongell R	SAC D-108	Full Semester
47341	6:00p-10:15p	W	Swanlund B	SAC D-204	Full Semester
47339	6:00p-10:15p	Tu	Dongell R	SAC D-108	Full Semester
ENGLISH 101H, HONORS FRESHMAN COMPOSITION			4 UNITS		
<i>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.</i>					
Prerequisite: A high school or college GPA of 3.0 or above and a grade of C or better in English 061/ESL EMLS 112 or ACE 116 or qualifying profile from English placement process.					
47356	7:30a-9:35a	Tu Th	Mitzner R	SAC D-214	Full Semester
47370	10:00a-12:05p	Tu Th	Patterson K	SAC D-107	Full Semester
Section 47370 is linked with Anthropology 101H, Section 47117. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.					
ENGLISH 102, LITERATURE AND COMPOSITION			4 UNITS		
<i>A second semester course in composition and literature that continues to focus on expository and analytical writing with extensive readings selected from the four major genres.</i>					
Prerequisite: A grade of C or better in English 101 or English 101H.					
	47916	TBA	Ramshaw C	SAC HYBRID	Full Semester
5:00p-6:00p M SAC D-401					
Section 47916 combines on-line instruction plus mandatory on-campus meetings on Mondays 8/22, 9/26, 10/24, 11/21 from 5:00-6:50pm in SAC D-401. Go to www.sac.edu/disted for more information. Email instructor first week of class. (ramshaw_charles@sac.edu).					
47918	10:15a-12:20p	M W	Ramshaw C	SAC D-201	Full Semester
47915	12:00p-2:05p	Tu Th	Martinez Guzman D	SAC D-102	Full Semester
ENGLISH 103, CRITICAL THINKING AND WRITING			4 UNITS		
<i>This course focuses on developing critical thinking, reading, and writing skills by studying established argumentative methods and models and applying them to contemporary issues. Emphasis will be on logical reasoning and analytical and argumentative skills necessary for critical writing.</i>					
Prerequisite: English 101 or 101H with a grade of C or better.					
	47377	TBA	Beyersdorf M	SAC HYBRID	Full Semester
5:00p-6:50p M SAC D-214					
Section 47377 combines on-line instruction plus mandatory on-campus meetings on Monday 8/22, 9/26, 11/7, 12/5 from 5:00-6:50pm in SAC D-214. Go to www.sac.edu/disted for more information. Email instructor first week of class. (beyersdorf_mattew@sac.edu).					
47376	11:30a-1:35p	Tu Th	Beyersdorf M	SAC D-214	Full Semester
47378	11:30a-1:35p	M W	Munoz J	SAC D-108	Full Semester
47379	6:00p-10:15p	Tu	Arnold G	SAC D-304	Full Semester
47375	6:00p-10:15p	M	Arnold G	SAC D-305	Full Semester
ENGLISH 103H, HONORS CRITICAL THINKING AND WRITING			4 UNITS		
<i>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.</i>					
Prerequisite: A high school or college GPA of 3.0 or above and a grade of C or better in English 101 or 101H.					
47380	10:15a-12:20p	M W	Bennett G	SAC I-109	Full Semester
ENGLISH 104, LANGUAGE AND CULTURE			3 UNITS		
<i>General introduction to the processes of human communication. Includes the relationship between languages and culture, acquisition of first and second languages, languages in contact, sociolinguistics and the effects of both language and culture on inter/intra group communication. Languages spoken in the local area are used as the basis of study. (Same as Anthropology 104.)</i>					
47381	8:00a-9:25a	Tu Th	Jaros B	SAC D-208	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

ENGLISH 232, SURVEY OF ENGLISH LITERATURE 3 UNITS

Introductory study of representative selections from the English Romantic Movement to the present. Emphasis on those authors best exemplifying their period, such as Austen, Wordsworth, Coleridge, Byron, the Shelleys, Keats, Tennyson, Newman, Carlyle, the Brownings, Dickens, the war poets, Houseman, Yeats, Wilde and Woolf.

Prerequisite: English 101 or 101H.

47382	7:00p-10:10p	W	Patterson K	SAC I-104	Full Semester
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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.

47396	TBA		Bennett G	SAC WEB	Full Semester
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Section 47396 is WEB only. Go to www.sac.edu/disted for more information.
Email instructor first week of class (bennett_gary@sac.edu).

47383	1:15p-2:40p	M W	Mitzner R	SAC D-205	Full Semester
47374	4:00p-6:50p	M	Patterson K	SAC D-109	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.

47451	12:30p-3:35p	M W	Staff	SAC I-207	Full Semester
47452	7:00p-10:05p	Tu Th	Zamoyska C	SAC I-206	Full Semester

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

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

47453	11:00a-2:05p	M W	Keith K	SAC L-202	Full Semester
47454	7:00p-10:05p	M W	Baker E	SAC I-206	Full Semester

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

Beginning multi-skill language practice. Sentence practice and controlled composition. Revision and editing. Basic grammar including simple and progressive verb tenses. Critical reading. Lab hours are required. Not applicable to associate degree.

Prerequisite: ESL N40B.

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

47456	8:00a-11:05a	Tu Th	Keith K	SAC I-109	Full Semester
47457	8:00a-11:05a	M W	Lewis M	SAC D-109	Full Semester
47455	7:00p-10:05p	M W	Kim H	SAC D-213	Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS

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

Sentence-level writing for multilingual students who can speak English but often make grammar mistakes when writing. Narrative paragraphs and journal writing. Revision and editing. Basic grammar including verb tenses and modals. Critical reading. 16 additional hours in ESL Listening Lab required (one hour per week for 16-week semester sections).

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

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

47213	8:00a-11:05a	Tu Th	Simmons K	SAC I-104	Full Semester
47209	9:45a-12:50p	M W	Hassel E	SAC D-212	Full Semester
47212	7:00p-10:05p	Tu Th	Staff	SAC D-201	Full Semester
47211	7:00p-10:05p	M W	Staff	SAC I-106	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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Online Counseling Now Available!

www.sac.edu/online_counseling

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

Sentence and paragraph level writing for multilingual students who can speak English but often make grammar mistakes when writing. Narrative and descriptive paragraphs. Revision and editing. Review of basic grammar. Practice with sentence variety. Critical reading. 16 additional hours in ESL Listening Lab required (one hour per week for 16-week semester sections).

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

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

47220	8:00a-11:05a	Tu Th	Dwyer D	SAC I-106	Full Semester
47221	8:00a-11:05a	M W	Mowrer M	SAC B-31	Full Semester
47224	11:00a-2:05p	M W	Mallory L	SAC I-104	Full Semester
47225	7:00p-10:05p	M W	Mallory L	SAC D-214	Full Semester

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

Paragraph-level writing for multilingual students who speak English but often make grammar mistakes when they write. Narrative, descriptive and expository paragraph practice. Revision and editing. Complex grammar structures. Critical reading. 16 additional hours in ESL Listening Lab required (one hour per week for 16-week semester sections).

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

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

47227	8:00a-11:05a	M W	Dwyer D	SAC I-206	Full Semester
47228	8:00a-11:05a	M W	Ehresmann B	SAC D-213	Full Semester
47229	8:00a-11:05a	Tu Th	Lewis M	SAC D-108	Full Semester
47233	8:00a-11:05a	Tu Th	Hicks R	SAC D-213	Full Semester
47232	12:00p-3:05p	M W	Mowrer M	SAC D-107	Full Semester
47234	12:00p-3:05p	Tu Th	Ehresmann B	SAC D-108	Full Semester
47235	7:00p-10:05p	Tu Th	Mowrer M	SAC D-204	Full Semester
51182	7:00p-10:05p	M W	Myers D	SAC D-201	Full Semester

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

Introductory writing course for multilingual students who speak English fluently but make multiple grammar errors when writing. Composition course progresses from paragraph to essay, emphasizing basic expository modes, grammar review, critical reading, and revision and editing techniques. Lab hours are required.

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

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

47237	11:30a-1:35p	M W	Lewis M	SAC I-208	Full Semester
47238	12:00p-2:05p	Tu Th	Dwyer D	SAC I-206	Full Semester
47283	6:00p-10:15p	W	Livote M	SAC I-207	Full Semester
47284	6:00p-10:15p	Tu	Hassel E	SAC I-207	Full Semester



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

The Success Center
Library Building, Room L-206

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

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SANTA ANA COLLEGE

ESL/ENGLISH FOR MULTILINGUAL STUDENTS (EMLS)

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

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

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

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

The following diagram summarizes the program and requirements:

ENGLISH AS A SECOND LANGUAGE

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

ENGLISH FOR MULTILINGUAL STUDENTS

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

TRANSITION TO COLLEGE ENGLISH TRANSFER PROGRAM

EMLS 112, Advanced 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
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ENGLISH FOR MULTILINGUAL STUDENTS 112, ADVANCED COMPOSITION 3 UNITS

Advanced level writing course for multilingual students who are fluent in conversational English but make multiple grammar errors when writing. Emphasis is on complex expository modes, grammatical accuracy in writing, grammar review, research methods, critical reading skills, and revision and editing techniques. 16 hours (1 hour per week) required in Writing Center.

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

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

47288	8:00a-12:15p	F	Naum M	SAC D-214	Full Semester
47286	8:00a-10:05a	MW	Keith K	SAC I-106	Full Semester
47236	12:00p-2:05p	MW	Ehresmann B	SAC D-210	Full Semester
47289	6:00p-10:15p	Th	Cavina K	SAC D-305	Full Semester
47287	6:00p-10:15p	M	Cervantes M	SAC I-208	Full Semester

ENTREPRENEURSHIP**ENTREPRENEURSHIP 100, INTRODUCTION TO INNOVATION AND****ENTREPRENEURSHIP****3 UNITS**

Learn that venture creation is a process. Explore the types of ventures one can create and explore venture stories. Discover an overview of the entrepreneurial process. Learn to see opportunities. Discover the resources necessary to turn a dream into a business.

48636	TBA		Doolittle G	SAC WEB	Full Semester
Section 48636 online instruction. Go to www.sac.edu/disted for more information.					
49217	TBA		Doolittle G	SAC HYBRID	Full Semester
9:30a-10:55a Th Doolittle G SAC A-203					
Section 49217 hybrid instruction combines mandatory on campus meetings every Thur, 9:30am-10:55am, SAC A-203 plus online instruction.					
48610	6:00p-9:10p	W	Doolittle G	SAC A-207	Full Semester

ENTREPRENEURSHIP 101, ENTREPRENEURS AND SUCCESS**1 UNIT**

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

48611	6:00p-10:00p	Tu	Thomason G	SAC A-207	08/23-09/13
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ENTREPRENEURSHIP 102, ENTREPRENEURIAL IDEAS AND CREATIVITY**1 UNIT**

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

48612	6:00p-10:00p	Tu	Doolittle G	SAC A-207	09/20-10/11
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ENTREPRENEURSHIP 103, INNOVATIONS AND OPPORTUNITIES**2 UNITS**

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

48613	6:00p-10:10p	Tu	Hobbs R	SAC A-207	10/18-12/06
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Find us in the schedule under "E" for Entrepreneurship

NEW Entrepreneur & Innovation Program

Full Semester Classes

ENTR 100	Intro to Entrepreneurship	Wednesday 6:00-9:00 pm
ENTR 100	Intro to Entrepreneurship - Online	

Opportunities Track - Tuesday 6:00-10:00 pm

ENTR 101	Entrepreneurs & Success
ENTR 102	Entrepreneurial Ideas & Creativity
ENTR 103	Innovation & Opportunities

Validation Track - Thursday 6:00-10:00 pm

ENTR 104	Business Models
ENTR 105	Powerful Presentations

"Everyone's an Entrepreneur"

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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ENTREPRENEURSHIP 104, BUSINESS MODELS**2 UNITS**

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

48614	6:00p-10:10p	Th	Allen R	SAC A-207	08/25-10/13
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ENTREPRENEURSHIP 105, MARKET VALIDATION AND BOOTSTRAP MARKETING**2 UNITS**

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

48615	TBA		Vonheim E	SAC HYBRID	10/20-12/08
6:00p-10:10p Th Vonheim E SAC A-207					
Section 48615 hybrid instruction combines mandatory on-campus meetings every Thur, 6:00pm-10:10pm, SAC A-207 plus online instruction.					

ENVIRONMENTAL STUDIES**ENVIRONMENTAL STUDIES 140, ENVIRONMENTAL GEOLOGY****3 UNITS**

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

48357	11:30a-12:55p	Tu Th	Hughes P	SAC R-111	Full Semester
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ETHNIC STUDIES**ETHNIC STUDIES 101, INTRODUCTION TO ETHNIC STUDIES****3 UNITS**

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

47458	11:15a-12:40p	MW	Herrera Thomas H	SAC D-102	Full Semester
47459	7:00p-10:10p	M	Herrera Thomas H	SAC D-208	Full Semester

Ethnic Studies Degree Courses**COURSE****DESCRIPTION**

ANTH 100	Introduction to Cultural Anthropology
ART 104	Mexican & Chicano/Chicana Art History
ASIA 101	Asian American Studies
CHIC ST 101	Introduction to Chicano Studies
DNCE 105	World Dance and Cultures
DNCE 113A/B	Flamenco Dance
ETH ST 101	Introduction to Ethnic Studies
HIST 101	World Civilizations to the 16th Century
HIST 102	World Civilizations Since the 16th Century
HIST 124	Mexican American History in the U.S.
HIST 153	History of Mexico
HUM DEV 221	Cross Cultural Perspectives in Early Childhood Education
MUS 103	Jazz in America
SOC 100	Introduction to Sociology
SPAN 101	Elementary Spanish I
SPAN 102	Elementary Spanish II
VIET 101	Elementary Vietnamese I
VIET 102	Elementary Vietnamese II

EXERCISE SCIENCE ACTIVITIES**E.S. ACTIVITIES 123, PERSONAL FITNESS TRAINING****1 UNIT**

Activity course designed to assist students in mastering effective lifestyles, nutritional cardiovascular and resistance training techniques crucial for personal fitness and personal growth. Goal setting and motivation, time management, stress management, as well as development of an individual fitness routine and execution of that routine are the primary topics.

49124	TBA		Jones G	SAC WEB	Full Semester
Section 49124 online instruction. Go to www.sac.edu/disted for more information. Email Instructor first week of class. (jones_geoff@sac.edu)					

E.S. ACTIVITIES 150, HATHA YOGA**1 UNIT**

This class is an investigation of the history, philosophy and practice of physical Hatha Yoga. Physical exercises are designed to improve muscle tone, flexibility, breath control, relaxation, and unity of mind, body and spirit.

50397	7:00a-8:25a	TuTh	Nutter K	SAC W-107	Full Semester
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E.S. ACTIVITIES 160, TENNIS**1 UNIT**

Instruction and practice in the fundamental skills basic to the successful performance of tennis. These skills include grip and body mechanics involved with the forehand, backhand, serve, lob, smash, and net play. Etiquettes, court strategy, and rules will be covered in singles and doubles play. Tournament play will be introduced.

49523	9:00a-10:25a	MW	Brown M	SAC G-116	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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E.S. ACTIVITIES 210, BASEBALL 1 UNIT					
<i>Fundamentals of fielding, throwing and hitting. Includes play situations and an emphasis on team offensive and defensive strategy.</i>					
51613	TBA		Sneddon D	SAC G-115	Full Semester
E.S. ACTIVITIES 220, BASKETBALL 1 UNIT					
<i>Instruction and practice in the fundamentals, rules, strategies, philosophies and theories of individual and team basketball.</i>					
49522	11:25a-12:50p	Tu Th	Brown M	SAC G-105	Full Semester
49520	7:00p-10:10p	M	Brown M	SAC G-105	Full Semester
E.S. ACTIVITIES 270, SOFTBALL 1 UNIT					
<i>Fundamentals of fielding, throwing, hitting, and base running. Includes play situations and an emphasis on team offensive and defensive strategy.</i>					
51730	2:00p-3:25p	Tu Th	Nutter K	SAC G-120	Full Semester

EXERCISE SCIENCE ADAPTED ACTIVITIES

E.S. ADAPTED ACTIVITIES 202, ADAPTED CIRCUIT WEIGHT TRAINING 0.5 UNIT					
<i>The class is an individually structured circuit exercise program for students with disabilities.</i>					
50332	1:00p-1:50p	Tu Th	Staff	SAC E-102	Full Semester
50317	1:00p-1:50p	MW	Staff	SAC E-102	Full Semester
E.S. ADAPTED ACTIVITIES 205, ADAPTED BADMINTON 0.5 UNIT					
<i>Fundamentals of badminton play, teamwork, rules and court strategy, are introduced for the temporarily and permanently disabled student.</i>					
50334	10:00a-10:50a	MW	Staff	SAC G-105	Full Semester
50335	11:00a-11:50a	MW	Staff	SAC G-105	Full Semester
E.S. ADAPTED ACTIVITIES 208, ADAPTED AEROBICS 0.5 UNIT					
<i>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.</i>					
50337	9:00a-9:50a	Tu Th	Staff	SAC G-105	Full Semester
50338	10:00a-10:50a	Tu Th	Staff	SAC G-105	Full Semester

EXERCISE SCIENCE AEROBIC FITNESS

E.S. AEROBIC FITNESS 140, WALKING/JOGGING FOR FITNESS 1 UNIT					
<i>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.</i>					
49191	8:30a-9:55a	Tu Th	Nutter K	SAC G-113	Full Semester
E.S. AEROBIC FITNESS 144, CROSS TRAINING 1 UNIT					
<i>This class will be comprised of aerobic classes designed to introduce the student to the concept of cross training and trying different work-outs. The class will be divided into four sections, cardio boxing, step aerobics, weight training and flexibility work-outs.</i>					
49200	10:00a-11:25a	TuTh	Macdonald J	SAC W-107	Full Semester
E.S. AEROBIC FITNESS 146, STABILITY BALL TRAINING FOR FITNESS 1 UNIT					
<i>A core training and strengthening workout. A full body workout using stability balls, designed to obtain total toning and strength.</i>					
49039	11:00a-12:25p	MW	Breig D	SAC W-107	Full Semester
E.S. AEROBIC FITNESS 150, STRETCH, FLEX AND TONE 1 UNIT					
<i>A combination of stretching and toning exercises to increase strength, flexibility, and overall body fitness.</i>					
49401	1:00p-2:25p	TuTh	Macdonald J	SAC W-107	Full Semester
E.S. AEROBIC FITNESS 156, CARDIO BOXING 0.5 UNIT					
<i>A series of boxing, kickboxing, stretching exercises arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program with 10-15 minutes of abdominal work and stretching. Aerobic activity is designed to improve muscle tone and cardiovascular endurance.</i>					
50410	10:00a-10:55a	MW	Nutter K	SAC W-107	Full Semester
E.S. AEROBIC FITNESS 156, CARDIO BOXING 1 UNIT					
<i>A series of boxing, kickboxing, stretching exercises arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program with 10-15 minutes of abdominal work and stretching. Aerobic activity is designed to improve muscle tone and cardiovascular endurance.</i>					
52123	1:00p-2:25p	MW	Macdonald J	SAC W-107	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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EXERCISE SCIENCE AQUATICS

E.S. AQUATICS 201, SWIMMING 1 UNIT					
<i>Instruction and experience in the basic stroke techniques and safety procedures of swimming.</i>					
49224	10:00a-11:25a	MW	Siddons A	SAC G-121	Full Semester
E.S. AQUATICS 201, SWIMMING 0.5 UNIT					
<i>Instruction and experience in the basic stroke techniques and safety procedures of swimming.</i>					
49225	11:00a-11:50a	Tu Th	Siddons A	SAC G-121	Full Semester
E.S. AQUATICS 206, LAP SWIMMING 1 UNIT					
<i>Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.</i>					
49239	10:00a-11:25a	MW	Siddons A	SAC G-121	Full Semester
E.S. AQUATICS 206, LAP SWIMMING 0.5 UNIT					
<i>Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.</i>					
49241	11:00a-11:50a	Tu Th	Siddons A	SAC G-121	Full Semester

EXERCISE SCIENCE FITNESS

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 (All new students) - Orientations must be completed on-line. All new students must access class page on Blackboard and complete the on-line orientation and test. All instructions are available on the class web page on Blackboard.

SAC FITNESS CENTER HOURS: Mon-Thurs 8am-1pm & 5-8pm

E.S. FITNESS 109, CIRCUIT TRAINING 0.5 UNIT					
<i>An individualized program developed to promote lifetime fitness. Employs resistive designed exercise devices for achieving muscle tone while increasing strength and cardiovascular endurance.</i>					
49682	TBA		Luppani M	SAC E-102	Full Semester
49687	TBA		Luppani M	SAC E-102	10/17-12/09
E.S. FITNESS 110, CIRCUIT TRAINING 1 UNIT					
<i>An individualized fitness program developed to promote lifetime fitness. Employs resistive designed exercise devices for achieving muscle tone while increasing strength and endurance.</i>					
49690	TBA		Luppani M	SAC E-102	Full Semester
49691	TBA		Luppani M	SAC E-102	10/17-12/09
E.S. FITNESS 115, CARDIOVASCULAR CONDITIONING 1 UNIT					
<i>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.</i>					
49692	TBA		Luppani M	SAC E-102	Full Semester

E.S. FITNESS 124, CONDITIONING FOR ATHLETES-MEN 0.5 UNIT					
<i>An exercise program designed for athletes who participate in men's sports. Emphasis will be on the development of speed, endurance, flexibility, and strength.</i>					
52690	3:30p-4:20p	Tu Th	Breig D	SAC G-103	Full Semester
E.S. FITNESS 124, CONDITIONING FOR ATHLETES-MEN 1 UNIT					
<i>An exercise program designed for athletes who participate in men's sports. Emphasis will be on the development of speed, endurance, flexibility, and strength.</i>					
52691	12:00p-1:25p	MW	Sneddon D	SAC G-103	Full Semester
E.S. FITNESS 125, CONDITIONING FOR FOOTBALL, DEFENSE 1 UNIT					
<i>This class is designed to prepare the college football athlete to play defense and to play on special teams. This class includes resistance training and field work.</i>					
52462	1:30p-2:55p	MW	Jones G	SAC G-103	08/10-11/30
52468	1:30p-2:55p	Tu Th	Ogas D	SAC G-103	08/10-12/01

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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E.S. FITNESS 128, CONDITIONING FOR ATHLETES-WOMEN**0.5 UNIT**

An exercise program designed for athletes who participate in women's sports. Emphasis will be on the development of speed, endurance, flexibility, and strength.

52465	1:00p-1:50p	Tu Th	Luppani M	SAC G-103	Full Semester
52466	2:45p-3:35p	Tu Th	Abbey T	SAC G-114	Full Semester

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.

52125	9:00a-10:25a	M W	Ogas D	SAC G-103	Full Semester
52124	9:00a-10:25a	Tu Th	Brown M	SAC G-103	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.

49041	TBA		Breig D	SAC WEB	08/22-10/14
Section 49041 online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class. (Breig_David@sac.edu)					

49043	TBA		Breig D	SAC WEB	10/17-12/09
Section 49043 online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class. (Breig_David@sac.edu)					

49245	9:30a-10:55a	Tu Th	Siddons A	SAC F-102	Full Semester
49030	11:15a-12:40p	Tu Th	Abbey T	SAC F-102	Full Semester
49029	11:15a-12:40p	M W	Abbey T	SAC F-102	Full Semester
49243	6:00p-9:10p	Tu	Siddons A	SAC F-102	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.

49122	TBA		Coffman J	SAC WEB	Full Semester
Section 49122 online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class. (Coffman_Jodi@sac.edu)					

49202	TBA		Nutter K	SAC WEB	08/22-10/14
Section 49202 online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class (Nutter_Kim@sac.edu).					

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

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

49034	TBA		Abbey T	SAC WEB	Full Semester
Section 49034 online instruction. Go to www.sac.edu/disted for more information. Email instructor first week of class. (Abbey_Troy@sac.edu)					

49399	1:00p-3:05p	W	Macdonald J	SAC F-103	Full Semester
49396	6:00p-8:05p	Th	Macdonald J	SAC F-103	Full Semester

E.S. HEALTH EDUCATION 105, FIRST AID AND PERSONAL SAFETY**1.5 UNITS**

Instruction in accident prevention and immediate care to accident victims. Certificate available upon completion. Prepares student for E.S. Health Education 106.

50577	7:30a-8:55a	Tu Th	Gorrie R	SAC G-107	08/22-10/14
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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.

50580	9:35a-11:40a	Tu Th	Sneddon D	SAC G-107	08/22-10/13
50579	9:40a-11:50a	Tu Th	Sneddon D	SAC G-107	10/18-12/08
49250	6:30p-9:35p	W	Sneddon D	SAC G-107	08/22-11/02

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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EXERCISE SCIENCE INTERCOLLEGIATE ATHLETICS

E.S. INTERCOLLEGIATE ATHLETICS 202, BASKETBALL-MEN**3 UNITS**

An advanced competitive program for student athletes with exceptional basketball talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.

52734	12:40p-2:40a	M W F	Breig D	SAC G-105	Full Semester
	4:45p-6:45p	Tu Th		SAC G-105	

E.S. INTERCOLLEGIATE ATHLETICS 204, FOOTBALL-MEN**3 UNITS**

A high-level, competitive program for students with exceptional football talent. The program provides competition with conference colleges as well as with other California community colleges. Students must have a health screening to participate.

Material Fee(s): \$5

49376	3:00p-5:30p	Tu W Th F	Jones G	SAC G-113	08/10-11/30
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E.S. INTERCOLLEGIATE ATHLETICS 209, WATER POLO-MEN**3 UNITS**

A high-level, competitive program for students with exceptional water polo talent. To compete on an intercollegiate athletic team, the student must comply with C.O.A. regulations.

52711	2:00p-4:05p	M Tu W Th F	Reyes A	SAC G-121	Full Semester
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E.S. INTERCOLLEGIATE ATHLETICS 210, WRESTLING-MEN**3 UNITS**

A high-level competitive program for students with exceptional wrestling talent. To compete on an intercollegiate athletic team, the student must comply with C.O.A. regulations.

52713	4:00p-6:05p	M Tu W Th F	Siiva V	SAC W-111	Full Semester
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E.S. INTERCOLLEGIATE ATHLETICS 212, BASKETBALL-WOMEN**3 UNITS**

An advanced competitive program for students with exceptional basketball talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.

52714	2:40p-4:45p	M Tu W Th F	Luppani M	SAC G-105	Full Semester
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E.S. INTERCOLLEGIATE ATHLETICS 213, VOLLEYBALL-WOMEN**3 UNITS**

A competitive program for student-athletes. Emphasis will be placed on advanced technical skill development, offensive and defensive systems analysis, sport specific physical fitness, and intercollegiate and conference competition. Students must meet the California Community College Athletic Association eligibility requirements and pass a health screening prior to intercollegiate competition. May be repeated.

52715	4:40p-6:40p	M W F	Abbey T	SAC G-105	Full Semester
	12:40p-2:40p	Tu Th		SAC G-105	

E.S. INTERCOLLEGIATE ATHLETICS 214, GOLF-WOMEN**3 UNITS**

A high-level competitive program for student athletes with exceptional golf talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.

52717	1:00p-4:25p	M W F	Olsen K	RIV-GOLF	Full Semester
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E.S. INTERCOLLEGIATE ATHLETICS 216, SOCCER-MEN**3 UNITS**

A competitive program for student-athletes. A class in which emphasis is placed on advanced technical and tactical skill development, offensive and defensive systems analysis, sport specific physical fitness, and intercollegiate and conference competition. Students must meet California Community College Athletic Association eligibility requirements and pass a health screening prior to competition.

52718	4:10p-6:15p	M Tu W Th F	Vasquez J	SAC G-118	Full Semester
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E.S. INTERCOLLEGIATE ATHLETICS 219, CROSS COUNTRY-WOMEN**3 UNITS**

The program provides competition with conference colleges as well as with other California community colleges.

49828	1:00p-3:05p	M Tu W Th F	Mitzel M	SAC G-113	Full Semester
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E.S. INTERCOLLEGIATE ATHLETICS 220, SOCCER-WOMEN**3 UNITS**

A competitive program for student-athletes. A class in which emphasis is placed on advanced technical and tactical skill development, offensive and defensive systems analysis, sport specific physical fitness, and intercollegiate and conference competition. Students must meet Commission on Athletic (COA) eligibility requirements and pass a health screening prior to competition.

52729	2:00p-4:05p	M Tu W Th F	Coffman J	SAC G-118	Full Semester
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E.S. INTERCOLLEGIATE ATHLETICS 221, WATER POLO-WOMEN**3 UNITS**

A high level competitive program for women students with exceptional water polo talent. To compete on an intercollegiate athletic team, the student must comply with C.O.A. regulations.

52731	12:00p-2:05p	M Tu W Th F	Reyes A	SAC G-121	Full Semester
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Academic Planning Questions?
www.sac.edu/online_counseling

Do you like, play or watch sports?



SPORTS AND SOCIETY ESPR 150

On-Line Class (no campus meetings)

Learn the role sports play in our society.

3 Units. Transferable course.

Satisfies Plan A Area D-2 & Plan B Area D-7

EXERCISE SCIENCE PROFESSIONAL

E.S. PROFESSIONAL 125, SPORT PSYCHOLOGY 3 UNITS

An academic and practical examination of the psychological aspects of sport concentrating on the scientifically proven methods of enhancing (athletic) performance through psychological training.

49123	TBA	Coffman J	SAC WEB	Full Semester
Section 49123 online instruction. Go to www.sac.edu/disted for more information.				
Email instructor first week of class. (Coffman_Jodi@sac.edu)				

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

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

50546	TBA	Luppani M	SAC WEB	Full Semester
Section 50546 online instruction. Go to www.sac.edu/disted for more information.				
Email instructor first week of class. (Luppani_Flo@sac.edu)				

49119	TBA	Jones G	SAC WEB	Full Semester
Section 49119 online instruction. Go to www.sac.edu/disted for more information.				
Email instructor first week of class. (Jones_Geoff@sac.edu)				

E.S. PROFESSIONAL 160, MANAGEMENT OF PHYSICAL EDUCATION AND SPORT 3 UNITS

This course examines all aspects of sports administration including the management process, organization of interscholastic and intercollegiate sports, human resources, fiscal issues, legal liability, and public relations. The course is intended for students interested in a career in physical education, coaching, fitness and sports administration.

49246	TBA	Siddons A	SAC WEB	Full Semester
Section 49246 online instruction. Go to www.sac.edu/disted for more information.				
Email instructor first week of class. (siddons_al@sac.edu)				

E.S. PROFESSIONAL 165, THEORY OF SOFTBALL 2 UNITS

A general overview of rules, regulations, strategies, mental preparation, skill evaluation, and the history of the sport of softball. Includes strategies and winning techniques of the game.

52470	2:00p-2:50p	MW	Nutter K	SAC G-120	Full Semester
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E.S. PROFESSIONAL 175, THEORY OF FOOTBALL 2 UNITS

Tactics and strategies applied to specific game situations incorporating evaluation of opponents development of game plan including offense, defense, and the kicking game.

52471	4:00p-6:05p	M	Jones G	SAC F-103	08/10-11/30
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E.S. PROFESSIONAL 200, THEORY OF BASEBALL 2 UNITS

Designed for the competitive baseball player. Topics to include offensive and defensive baseball strategies, bunting, baserunning, mental and physical preparation of becoming a baseball player.

52472	2:10p-3:00p	MW	Sneddon D	SAC G-106	Full Semester
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FASHION DESIGN MERCHANDISING

FASHION DESIGN MERCHANDISING 053, INTRODUCTION TO SEWING 2 UNITS

Basics in sewing; how to use the sewing machine, understanding pattern terms and tools and constructing basic samples, skirts, and shirts.

50740	11:00a-1:05p	MW	Silvers L	SAC T-201	Full Semester
50757	5:45p-9:35p	Th	Silvers L	SAC T-201	Full Semester

FASHION DESIGN MERCHANDISING 100, INTRODUCTION TO FASHION 3 UNITS

Traces and analyzes the fashion industry, trends, and designers from socio-economic, political, technological, and global influences; emphasis on current fashion careers.

50762	9:00a-10:25a	MW	Staff	SAC T-201	Full Semester
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FASHION DESIGN MERCHANDISING 103, FASHION SELECTION 3 UNITS

Analysis of color, line and design with sociological, psychological and fashion trend considerations for garment selection, facial design and wardrobe planning. For men and women.

50766	9:00a-10:25a	TuTh	Staff	SAC T-201	Full Semester
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REGISTER EARLY—SPACE IS LIMITED

Fashion Design or Merchandising



Certificate or AA Degree Programs

NEW STUDENTS REGISTER FOR:

FDM 100, Introduction to Fashion
FDM 103, Fashion Selection

NEW DESIGN STUDENTS ALSO TAKE:

FDM 053, Basic Sewing (if non-sewer)
FDM 111A, Sketching
FDM 113, Fashion Draping

EXPERIENCED STUDENTS / INDUSTRY WORKERS:

Computer classes on Lectra System!

FDM 212, Advanced Draping
FDM 215, 216 Computer
FDM 214, Manufacturing & Grading

See your catalog or
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for more information

FASHION DESIGN MERCHANDISING 105B, INTERMEDIATE SEWING 2 UNITS

Follow-up of Fashion Design Merchandising 053 and 105A, Beginning Sewing. Coordination of woven fabrics and pattern fitting in construction of class projects such as pants, dress shirts, and unlined jackets.

50773	11:00a-1:05	MW	Silvers L	SAC T-201	Full Semester
50777	5:45p-9:35p	Th	Silvers L	SAC T-201	Full Semester

FASHION DESIGN MERCHANDISING 111A, FASHION SKETCHING 2 UNITS

Application of the basic techniques of drawing a descriptive garment trade sketch and development of skills in presentation drawing and fashion illustration. The importance of body proportion, garment style lines, drape of fabric and textural interest will be emphasized.

50778	6:00p-9:50p	Tu	Leonardi A	SAC T-201	Full Semester
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FASHION DESIGN MERCHANDISING 113, FASHION DRAPING 3 UNITS

Basic techniques of draping flat fabric into three dimensional garment styles on the dress form to create first patterns. Students are required to sew their sample garments. Suggested preparation: Fashion Design Merchandising 105A and 105B.

50779	10:45a-1:15p	TuTh	Staff	SAC T-201	Full Semester
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FASHION DESIGN MERCHANDISING 212, ADVANCED DRAPING 2 UNITS

Fashion design merchandising draping techniques further practiced in woven knits and motif fabrics in designing a line grouping.

Prerequisite: Fashion Design Merchandising 113 with a grade of C or better.

50780	11:00a-1:05p	TuTh	Staff	SAC T-201	Full Semester
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FASHION DESIGN MERCHANDISING 214, MANUFACTURING AND GRADING 2 UNITS

Introduction and application of garment industry manufacturing processes using production equipment to mass produce a consumer targeted product. Included are grading techniques for sizing a sample pattern. Suggested preparation: Fashion Design Merchandising 100, 105B, 108, 109, and 213.

50781	11:00a-1:05p	TuTh	Staff	SAC T-201	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.

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 233A, FIRE PREVENTION 3A
- FIRE ACADEMY 233B, FIRE PREVENTION 3B
- 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 273B, FIRE COMMAND 2E
- FIRE ACADEMY 252A, FIRE INVESTIGATION 2A
- FIRE ACADEMY 252B, FIRE INVESTIGATION 2B
- FIRE ACADEMY 062, ICS 200
- FIRE ACADEMY 062B, ICS 300
- FIRE ACADEMY 062C, ICS 400

All Fire Officer reservations must be made through the Fire Technology Office, A-113. For details on times, dates and registration, contact the Fire Officer at 714-564-6404.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

50782	5:45p-9:35p	Th	Silvers L	SAC T-201	10/20-12/08
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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.

50783	5:45p-9:35p	Th	Silvers L	SAC T-201	08/25-10/13
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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.

51251	6:45a-8:45a	M W F	Argo R	JPT-BFA	08/29-12/09
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FIRE ACADEMY 008, FIREFIGHTER I PHYSICAL ABILITY EXAMINATION 0.1 UNIT

Designed to assess physical ability requirements.

W 47754	7:30a-11:30a	Su	Sneddon M	JPT-BFA	09/18-09/18
W 47755	7:30a-11:30a	Su	Sneddon M	JPT-BFA	10/16-10/16
W 47756	7:30a-11:30a	Su	Sneddon M	JPT-BFA	11/13-11/13
W 47757	7:30a-11:30a	Su	Sneddon M	JPT-BFA	12/04-12/04

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.

47196	6:00p-8:00p	W	Argo R	JPT-BFA	08/24-10/12
47198	6:00p-8:00p	W	Argo R	JPT-BFA	10/19-12/07
47201	8:45a-10:45a	F	Argo R	JPT-BFA	08/26-10/14
47202	8:45a-10:45a	F	Argo R	JPT-BFA	10/21-12/09

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.

47203	6:00p-8:00p	W	Argo R	JPT-BFA	08/24-10/12
47205	6:00p-8:00p	W	Argo R	JPT-BFA	10/19-12/07
47204	8:45a-10:45a	F	Argo R	JPT-BFA	08/26-10/14
47206	8:45a-10:45a	F	Argo R	JPT-BFA	10/21-12/09

FIRE ACADEMY 060, BASIC FIRE ACADEMY 12 UNITS

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

Prerequisite: Grade C or better in Fire Technology 101, 102, 103, 104, 105, 106, 121; Fire Academy 008; EMT 100; meet NFPA 1582 medical examination, concurrent enrollment in Fire Academy 007, and certification in the State of California as an EMT.

51250	8:45a-5:45p	M Tu W Th F Sa	Chidester D	JPT-BFA	08/29-12/10
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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.

47045	TBA		Stefano D	SAC WEB	Full Semester
Section 47045 Go to www.sac.edu/disted for more information. Email instructor first week of class. (stefano_daniel@sac.edu)					
47041	8:30a-11:40a	M	Ash J	SAC A-128	Full Semester
47042	8:30a-11:40a	Tu	Busch M	SAC A-128	Full Semester
47043	12:00p-3:10p	W	Verdecia D	SAC A-128	Full Semester
47044	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.

47050	TBA		Ash J	SAC WEB	Full Semester
Section 47050 Go to www.sac.edu/disted for more information. Email instructor first week of class. (ash_jeffery@sac.edu)					
47046	8:30a-11:40a	W	Verdecia D	SAC A-128	Full Semester
47047	12:00p-3:10p	M	Freeman S	SAC W-101	Full Semester

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
47048	12:00p-3:10p	Tu	Busch M	SAC A-128	Full Semester
47049	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.

47055	TBA		Hirsch J	SAC WEB	Full Semester
Section 47055 Go to www.sac.edu/disted for more information. Email instructor first week of class. (hirsch_jamie@sac.edu)					
47051	8:30a-11:40a	Th	Flint Jr J	SAC W-101	Full Semester
47052	8:30a-11:40a	M	Childress D	SAC W-101	Full Semester
47054	3:30p-6:40p	Tu	Ash J	SAC H-207	Full Semester
47053	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.

47059	TBA		Freeman S	SAC WEB	Full Semester
Section 47059 Go to www.sac.edu/disted for more information. Email instructor first week of class. (freeman_suzanne@sac.edu)					
47057	8:30a-11:40a	W	Freeman S	SAC W-101	Full Semester
47056	12:00p-3:10p	Tu	Freeman S	SAC W-101	Full Semester
47058	7:00p-10:10p	Tu	Springer B	SAC A-128	Full Semester

FIRE TECHNOLOGY 105, BLDG CONSTRUCTION FOR FIRE PROTECTION 3 UNITS
The components of building construction that relate to fire safety. Elements of construction and design of structures. The development and evolution of building and fire codes.
 Prerequisite: Fire Technology 101 and 102.

47063	TBA		Wiskus D	SAC WEB	Full Semester
Section 47063 Go to www.sac.edu/disted for more information. Email instructor first week of class. (wiskus_dennis@sac.edu)					
47060	3:30p-6:40p	Th	Muir J	SAC A-128	Full Semester
47062	3:30p-6:40p	Tu	Busch M	SAC A-128	Full Semester
47061	7:00p-10:10p	Th	Muir J	SAC A-128	Full Semester

FIRE TECHNOLOGY 106, FIRE PROTECTION EQUIPMENT AND SYSTEMS 3 UNITS
Portable fire extinguishing equipment; protection systems for special hazards; sprinkler systems and fire detection and alarm systems.
 Prerequisite: Fire Technology 101 and 102.

47067	TBA		Wiskus D	SAC WEB	Full Semester
Section 47067 Go to www.sac.edu/disted for more information. Email instructor first week of class. (wiskus_dennis@sac.edu)					
47064	8:30a-11:40a	Tu	Freeman S	SAC W-101	Full Semester
47065	12:00p-3:10p	Th	Freeman S	SAC A-128	Full Semester
47066	7:00p-10:10p	M	Hornor S	SAC A-128	Full Semester

FIRE TECHNOLOGY 121, PHYSICAL FITNESS FOR PUBLIC SAFETY PERSONNEL 4 UNITS
This lecture/laboratory class provides information on exercise and nutrition. Topics include cardiovascular/muscular fitness, injury prevention and treatment. Students will receive an individual fitness profile developed from tests given during the arranged hours of the class.

**Students are required to pay \$12 at the first class meeting.
5.5 hours arranged per week.**

47068	8:30a-11:40a	Th	Sneddon M	SAC A-128	Full Semester
47069	12:00p-3:10p	M	Argo R	SAC A-128	Full Semester
47070	12:00p-3:10p	W	Argo R	SAC W-101	Full Semester
47071	7:00p-10:10p	Tu	Argo R	SAC H-207	Full Semester
47072	7:00p-10:10p	W	Sneddon M	SAC H-207	Full Semester

FRENCH

FRENCH 101, ELEMENTARY FRENCH I 5 UNITS
A college level French course focusing on fundamentals of pronunciation and grammar, basic vocabulary (including common idioms), simple conversation and composition. Supplementary cultural readings. French 101 is equivalent to two years of high school French. Sixteen additional hours in the Modern Language Lab required. (One hour per week for 16-week semester sections and two hours per week for 8-week summer sessions).

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

47919	8:00a-10:30a	M W	Issa K	SAC D-302	Full Semester
47920	8:00a-10:30a	Tu Th	Issa K	SAC D-302	Full Semester
47922	4:15p-6:45p	Tu Th	Anglin M	SAC D-302	Full Semester
47921	7:00p-9:30p	M W	Nguyen M	SAC D-302	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
FRENCH 102, ELEMENTARY FRENCH II 5 UNITS					

A college level French course focusing on further training in pronunciation and grammar, more extensive vocabulary development, conversation and composition. Supplementary cultural readings. Appropriate laboratory assignments. French 102 is equivalent to the third year of high school French.
 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.

47923	11:00a-1:30p	M W	Issa K	SAC D-302	Full Semester
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.					
47102	12:00p-2:30p	M W	Ernotte B	SAC D-208	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.					
47627	12:00p-2:30p	M W	Ernotte B	SAC D-208	Full Semester

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.

49615	8:00a-9:25a	M W	Courter W	SAC D-202	Full Semester
47636	8:00a-9:25a	Tu Th	Courter W	SAC D-202	Full Semester
47634	9:45a-11:10a	M W	Courter W	SAC D-202	Full Semester
47633	11:30a-12:55p	M W	Courter W	SAC D-202	Full Semester
47637	1:00p-4:10p	Th	Goggin S	SAC D-202	Full Semester
47635	7:00p-10:10p	M	Jones K	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.

47639	9:45a-11:10a	Tu Th	Courter W	SAC D-202	Full Semester
47638	11:30a-12:55p	Tu Th	Courter W	SAC D-202	Full Semester

GEOGRAPHY 101L, PHYSICAL GEOGRAPHY LABORATORY 1 UNIT
Laboratory exercises and experiments designed to explore and understand the primary areas of physical geography. Exercises and applications related to map scales and projections, stereoscopic, topographic and aerial photo interpretation, meteorological tools and models and weather prognostication, geomorphologic models and processes, and landform interpretation.

47641	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.

48368	TBA		Hughes P	SAC TV	Full Semester
Section 48368 Telecourse instruction plus optional on-campus review sessions: Thurs. 9/8, 9/29, 10/20, 11/17 and 12/8; 5:30 - 6:30pm, SAC R-111. Go to www.sac.edu/disted for more information.					
48363	9:45a-11:10a	Tu Th	Hughes P	SAC R-111	Full Semester
48360	9:45a-11:10a	M W	Hughes P	SAC R-111	Full Semester
48362	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					
48370	9:30a-12:40p	F	Hughes P	SAC R-111	Full Semester
48371	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.

48358	11:30a-12:55p	Tu Th	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).



48355	11:30a-12:55p	M W	Hughes P	SAC R-111	Full Semester
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HISTORY

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
HISTORY 101, WORLD CIVILIZATIONS TO THE 16TH CENTURY 3 UNITS					
<i>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.</i>					
47665	8:00a-9:25a	Tu Th	Martin R	SAC D-210	Full Semester
47666	8:00a-9:25a	M W	Martin R	SAC D-210	Full Semester
47668	9:45a-11:10a	M W	Martin R	SAC D-210	Full Semester
47667	7:00p-10:10p	W	Martin R	SAC D-210	Full Semester
HISTORY 102, WORLD CIVILIZATIONS SINCE THE 16TH CENTURY 3 UNITS					
<i>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.</i>					
47669	9:45a-11:10a	Tu Th	Martin R	SAC D-210	Full Semester
HISTORY 105, ANCIENT MESOAMERICAN CIVILIZATION 3 UNITS					
<i>An archeological and ethnohistorical survey of the origin and development of pre-Columbian civilizations in ancient Mesoamerica from Paleo-Indian times to the Spanish conquest. (Same as Anthropology 105.)</i>					
47670	7:00p-10:10p	Tu	Veyna A	SAC D-212	Full Semester
HISTORY 118, SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES 3 UNITS					
<i>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.</i>					
47671	8:00a-9:25a	Tu Th	Ghelfi G	SAC D-205	Full Semester
47672	8:00a-9:25a	M W	Booth B	SAC I-207	Full Semester
47673	9:45a-11:10a	M W	Ghelfi G	SAC D-205	Full Semester
47674	7:00p-10:10p	M	Lewis J	SAC D-204	Full Semester
HISTORY 120, THE UNITED STATES TO 1865 3 UNITS					
<i>Examines major political, economic, intellectual, and social forces at home and abroad that shaped American life from the colonial period through the Civil War.</i>					
	47934	TBA	Heeren J	SAC HYBRID	Full Semester
		12:00p-12:50p M		SAC D-105	
Section 47934 has online instruction plus mandatory on campus meetings Mondays 8/22, 9/26, 10/24, 11/21 at 12:00-12:50pm in SAC D-105. Go to www.sac.edu/disted for more information. Email instructor (heeren_jeffrey@sac.edu) the first week of instruction.					
	47938	TBA	Guzman K	SAC TV	Full Semester
Section 47938 Telecourse instruction plus optional on-campus review sessions: First meeting on Monday 8/22/11 is MANDATORY and will be in D-106, optional meetings will be on Monday 9/12, 10/10, 11/7 and 12/5, 5:00-6:00pm, SAC D-102. Go to www.sac.edu/disted for more information.					
	47932	8:00a-9:25a	Davis J	SAC D-304	Full Semester
	47931	8:00a-9:25a	Ghelfi G	SAC D-214	Full Semester
	47933	9:45a-11:10a	Ghelfi G	SAC I-102	Full Semester
	47936	9:45a-11:10a	Guzman K	SAC I-208	Full Semester
	47937	1:15p-4:25p	Gunther V	SAC D-105	08/22-10/21
	47935	7:00p-10:10p	Ghelfi G	SAC D-106	Full Semester
HISTORY 121, THE UNITED STATES SINCE 1865 3 UNITS					
<i>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.</i>					
	47944	TBA	Menzing T	SAC HYBRID	Full Semester
		1:00p-1:50p M		SAC D-105	
Section 47944 has online instruction plus mandatory on campus meetings: Mondays 8/22, 9/26, 10/24, 11/21 from 1:00-1:50pm in SAC D-105. go to www.sac.edu/disted for more information. Email instructor (menzing_todd@sac.edu) the first week of instruction.					
	47945	TBA	Ghelfi G	SAC TV	Full Semester
Section 47945 Telecourse instruction plus optional on-campus review sessions: Mondays 8/22, 9/19, 10/10, 10/31 and 11/21, 5:00-6:00pm, SAC D-102. Go to www.sac.edu/disted for more information.					
	47939	11:30a-12:55p	M W	Ghelfi G	SAC I-206
	47943	6:00p-9:25p	F	Riggins C	SAC I-109
		9:00a-12:25p	Sa	Riggins C	SAC I-109
	47942	7:00p-10:10p	W	Medina M	SAC I-109

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>					
47688	8:00a-9:25a	Tu Th	Veyna A	SAC D-204	Full Semester
U-LINK-Section 47688 is linked to Counseling 107, The Freshman Experience, Section 47464. Enrollment in both sections is mandatory. See the Freshman Experience program page in the class schedule for more information.					
47218	9:45a-11:10a	Tu Th	Guzman K	SAC I-101	Full Semester
47199	11:30a-12:55p	Tu Th	Guzman K	SAC I-101	Full Semester
47222	11:30a-12:55p	M W	Guzman K	SAC I-107	Full Semester
47217	12:30p-1:55p	M W	Veyna A	SAC D-214	Full Semester
47219	1:15p-2:40p	Tu Th	Veyna A	SAC D-106	Full Semester
47207	7:00p-10:10p	Th	Veyna A	SAC D-105	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>					
47230	8:00a-9:25a	M W	Veyna A	SAC D-305	Full Semester
HISTORY 150, LATIN AMERICAN CIVILIZATION TO INDEPENDENCE 3 UNITS					
<i>A study of Latin American civilization from the Indian, African, and European origins to Independence. Topics include native cultures, Spanish and Portuguese colonialism, the evolution of regional societies, and intellectual trends.</i>					
47260	7:00p-10:10p	W	Galvan J	SAC D-202	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>					
47261	9:45a-11:10a	M W	Veyna A	SAC D-305	Full Semester

HUMAN DEVELOPMENT

HUMAN DEVELOPMENT 107, CHILD GROWTH AND DEVELOPMENT (DS1) 3 UNITS					
<i>This course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, from conception through adolescence. Using developmental theories and research methodologies, course emphasis will be on typical and atypical development, maturational processes and environmental factors. Students will also observe children, evaluate individual differences and analyze characteristics of development at various stages.</i>					
	50990	TBA	Pugh J	SAC TV	Full Semester
Section 50990: Telecourse instruction plus optional on-campus orientation and review sessions on Wed. 8/24, 5:30-7:00pm SAC R-114, Thur. 9/8, 9/29, 10/27, 11/17 & 12/1, 6:00-7:00pm SAC A-130. Go to www.sac.edu/disted for more information.					
	50985	TBA	Kimmel M	SAC WEB	Full Semester
Section 50985: Go to www.sac.edu/disted for more information. Email instructor first week of class (kimmel_michelle@sac.edu)					
	50989	9:00a-12:10p	F	Valdez S	SAC V-150
	50986	7:00p-10:10p	M	Pugh J	SAC R-128
	50987	7:00p-10:10p	W	Torres B	SAC I-102
Section 50987 is designated for English language learners - open to all students.					
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: Human Development 107. Negative TB Test (must be completed before observations take place during the semester).					
	50995	11:00a-12:25p	Tu Th	Valdez S	SAC
Section 50995 has 1 hour arranged per week					
	51007	6:30p-9:40p	Th	Arambula A	SAC I-106
Section 51007 is designated for English language learners - open to all students. 1 hour arranged per week					
	51004	6:30p-9:40p	Th	Wahl S	SAC H-201
Section 51004 has 1 hour arranged per week					
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>					
	51010	11:00a-12:25p	M W	Dunn C	SAC V-151
	51020	6:00p-9:10p	M	Hardy M	SAC V-151
	51015	6:00p-9:10p	M	Moran M	SAC V-150
Section 51015 is designated for English language learners - open to all students.					

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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HUMAN DEVELOPMENT 111A, PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN 3 UNITS

This course examines the underlying historical and theoretical principles, and the developmentally appropriate practices of early childhood programs and environments. Emphases will be on the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all children. The evolution of professional practices promoting advocacy, ethics and professional identity will be explored.

Prerequisite: Human Development 107 and 108A. Negative TB Test (need to complete before observation during the course).

51026 6:30p-9:40p Tu Castellon M SAC V-151 Full Semester
Section 51026 is designated for English language learners - open to all students. 6 hours arranged per semester.

51023 6:30p-9:40p Tu Valdez S SAC V-150 Full Semester
Section 51023 has 6 hours arranged per semester.

HUMAN DEVELOPMENT 111B, INTRODUCTION TO CURRICULUM FOR YOUNG CHILDREN 3 UNITS

This course presents an overview of knowledge and skills needed to provide developmentally appropriate curriculum for young children. Students will examine the teacher's role in supporting development, fostering the joy of learning and creativity through the essential role of play. Content areas include language/literacy, social/emotional/sensory learning, art, music, math, science, health/safety, and motor development.

Prerequisite: Human Development 108A and 111A. Negative TB Test.


51036 6:00p-9:10p W Isais E SAC I-202 Full Semester
Section 51036 is designated for English language learner - open to all students.

51031 6:30p-9:40p Th Morgan-Beazell G SAC V-150 Full Semester

HUMAN DEVELOPMENT 112, HEALTH, SAFETY AND NUTRITION FOR CHILDREN 3 UNITS

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.

Prerequisite: HUD-108A and HUD-111. Negative TB Test.

 51048 TBA Hardy M SAC HYBRID Full Semester
9:30a-12:30p Sa SAC V-151

Section 51048 combines online instruction plus mandatory on-campus meetings on Sat, Aug 27, Oct 01, Nov 05, Dec 03, 9:30am-12:30pm, SAC V-151. Go to www.sac.edu/disted for more information. Email instructor first week of class (hardy_michelle@sac.edu)

HUMAN DEVELOPMENT 116A, INFANT/TODDLER GROWTH AND DEVELOPMENT (DS4) 3 UNITS

Examination of the growth and developmental patterns of infants and toddlers and interactions with culturally diverse family structures. Meets licensing requirement. With Human Development 116B, this class fulfills infant/toddler specialization for Child Development Master Teacher Permit.

Prerequisite: Human Development 107.

51054 6:30p-9:40p W Staff SAC I-108 Full Semester
Section 51054 has 6 hours arranged per week

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.

51055 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).

51059 9:00a-10:25a M W Pugh J SAC V-151 Full Semester

51056 7:00p-10:10p Tu Holmes A SAC I-102 Full Semester

HUMAN DEVELOPMENT 215, ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS: LEVEL I (DS6) 3 UNITS

Application of the basic principles for the establishment, operation, supervision and evaluation of early care and education programs. Suggested preparation: 12 units in Human Development.

51060 6:00p-10:10p W Morgan-Beazell G SAC V-151 08/24-10/12
Section 51060 will also meet on Sat, Aug 27 and Sept 24 from 8am-4pm, SAC V-151

HUMAN DEVELOPMENT 216, ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS: LEVEL II (DS6) 3 UNITS

An examination of the complex role of the administrator of early care and education programs in the areas of establishing and maintaining program quality, selecting, hiring and supporting staff, establishing and facilitating parent, advisory and community relations, and operating a fiscally sound program. Suggested preparation: 12 units in Human Development.

51062 6:00p-10:10p W Valdez S SAC V-151 10/17-12/07
Section 41062 will also meet on Sat, Oct 29 and Nov 19 from 8am-4pm, SAC V-151.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

51064 9:00a-10:25a Tu Th Pugh J SAC Full Semester

51065 7:00p-10:10p Th Pugh J SAC R-126 Full Semester

HUMAN DEVELOPMENT 221, TEACHING IN A DIVERSE SOCIETY 3 UNITS

Examination of the development of social identities in diverse societies, and implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches, self-examination, and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling.

51066 11:00a-2:10p M W Morgan-Beazell G SAC V-150 08/22-10/12

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.

51067 6:30p-9:40p Tu Wahl S SAC I-104 Full Semester

HUMAN DEVELOPMENT 298A, PRACTICUM IN EARLY CHILDHOOD PROGRAMS 3.5 UNITS

Under guided supervision in a RSCCD Child Development Center or approved mentor site, students will demonstrate competency in connecting theory to practice, and enhance professional-behaviors. Students will plan and implement child-centered, play-oriented approaches to teaching, learning, and assessment. Knowledge of curriculum content areas will be emphasized as students design, implement, and evaluate positive experiences for young children.

Prerequisite: Human Development 111B. This is a Capstone Course to be taken after all other courses in this major (Courses include: Human Development 107, 108A, 110, 111A, 111B, 112, 200, 221, 231). Negative TB Test.

51068 6:00p-8:05p Tu Morgan-Beazell G SAC V-150 Full Semester
Section 51068 has 75 hours arranged per semester.

HUMAN DEVELOPMENT 298B, PRACTICUM IN INFANT/TODDLER PROGRAMS 3.5 UNITS

Under guided supervision in a RSCCD Child Development Center or approved mentor site, students will demonstrate competency in connecting theory to practice, and enhance professional behaviors. Students will plan and implement child-centered, play-oriented approaches to teaching, learning, and assessment. Knowledge of curriculum content areas will be emphasized as students design, implement, and evaluate positive experiences for young children.


Prerequisite: Human Development 116B. This is a Capstone Course to be taken after all other courses in this major. (Courses include: Human Development 107, 108A, 110, 112, 116A, 116B, 200, 221, 231). Negative TB Test.

51069 6:00p-8:05p Tu Morgan-Beazell G SAC V-150 Full Semester
Section 51069 has 75 hours arranged per semester

INTERDISCIPLINARY STUDIES

INTERDISCIPLINARY STUDIES 121, HUMANITIES THROUGH THE ARTS 3 UNITS

An introduction to the humanities through a study of seven major art forms: film, drama, music, literature, painting, sculpture and architecture. Artistic works are considered from the perspectives of historical development, the elements used in the creation process, artistic form, and meaning expressed.

 50843 TBA Kehlenbach E SAC TV Full Semester
Section 50843 Television instruction plus optional on-campus review sessions:

Tues. 8/30, 9/13, 10/11, 11/8, 11/29, 5:00-6:30pm, SAC A-210.

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

INTERDISCIPLINARY STUDIES 155, HUMAN SEXUALITY 3 UNITS

An interdisciplinary review of the biological development and psychological influences across the lifespan, including neuroscience research, and sociocultural considerations in the areas of gender, attraction, attachment, love, sexual orientations, anatomy, sexual arousal and response, conception, contraception, reproduction, health, including sexual coercion, sexually transmitted infections.

48206 11:00a-12:25p Tu Th Sweeny Y SAC R-124 Full Semester

48207 7:00p-10:10p W Sweeny Y SAC R-124 Full Semester

INTERDISCIPLINARY STUDIES 200, INTRODUCTION TO LIBERAL STUDIES 3 UNITS

This survey course explores the historical foundations and interdisciplinary nature of Liberal Studies. We will examine the nature, history, and intersections of prevailing ideas on a specific topic through the arts and humanities, social and political thought, and scientific inquiry. Readings will reflect gender and cultural diversity.

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

49996 7:00p-10:10p M Robertson M SAC D-304 Full Semester

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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Library Research

Stop wasting time!

Become an efficient user of information resources.
Sign up for 1 unit course:

LIS 100, Library Research Fundamentals

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.

49331	1:00p-2:05p	W	Pedroza L	SAC L-112-1	Full Semester
49328	1:00p-2:05p	Tu	Pedroza L	SAC L-112-1	Full Semester

Check it out, explore a CAREER in Libraries

The only program of its type in Orange County, SAC's Library Technology Program provides quality, affordable library training to individuals working in, or seeking to work in school, public, academic or special libraries as library assistants, library technicians or library media technicians.

Take a few courses, or work towards a Certificate, or an AA Degree in Library Technology.

For additional information visit our program web site: http://sac.edu/students/library/nealley/lib_tech/, or contact Yolanda Garcia, garcia_yolanda@sac.edu, Nealley Library, Room L-105, 714-564-6717.

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.

	49333	TBA	Garcia Y	SAC HYBRID	Full Semester
		4:00p-5:55p		SAC L-112-1	

Section 49333 combines online instruction with mandatory meetings on campus. First class meeting for Library Technology 053, Library Internship, will be the first Wednesday of semester, August 24, 4:00pm-5:55pm, SAC L-112-1.

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.

49440	6:00p-9:00p	Th	Turner E	SAC L-112-1	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

49439	6:00p-9:10p	W	Staff	SAC L-112-1	Full Semester
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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.)

48616	11:00a-12:25p	Tu Th	Staff	SAC A-207	Full Semester
48617	6:00p-9:10p	W	Staff	SAC D-103	Full Semester

MANAGEMENT 121, HUMAN RELATIONS AND ORGANIZATIONAL BEHAVIOR 3 UNITS

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

48618	6:00p-9:10p	Tu	Staff	SAC A-130	Full Semester
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MANAGEMENT 122, BUSINESS COMMUNICATIONS 3 UNITS

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

48619	7:00p-10:10p	Tu	Woolgar D	SAC A-108	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.)

	50578	5:00p-7:05p	F	Farmer B	SAC A-130	Full Semester
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MANUFACTURING TECHNOLOGY 053, TECHNICAL MATHEMATICS 3 UNITS

Ratios and proportions, formulas, measurements (liner, surface, and volume), geometric construction, and right triangles. Basics of algebra, geometry, and trigonometry for the manufacturing industry. (Same as Mathematics 053.)

Prerequisite: Mathematics N48 with grade of C or better.

	50582	7:15p-10:25p	F	Farmer B	SAC A-130	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.

50584	9:30a-1:45p	Tu Th	Kanzler D	SAC T-107	Full Semester
50613	5:30p-9:35p	M W	Kanzler D	SAC T-107	Full Semester
50595	5:30p-9:35p	Tu Th	Gershman B	SAC T-107	Full Semester

MANUFACTURING TECHNOLOGY 059, ADVANCED TURNING CONCEPTS AND OPERATIONS 3 UNITS

Machine turning theory and skill development with emphasis on lathe principles, capabilities, and operations. Includes construction, tool grinding, and turning machine operations.

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

50606	9:00a-1:15p	Tu Th	Kanzler D	SAC T-107	Full Semester
50638	5:30p-9:35p	M W	Kanzler D	SAC T-107	Full Semester

MANUFACTURING TECHNOLOGY 068, ADVANCED MILLING CONCEPTS AND OPERATIONS 3 UNITS

Advanced machine tool operation and setup with emphasis on milling machine principles, use, and capabilities, accessories, and operations.

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

50639	9:00a-1:15p	Tu Th	Kanzler D	SAC T-107	Full Semester
50640	5:30p-9:35p	M W	Kanzler D	SAC T-107	Full Semester

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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

50641	9:00a-1:45p	Tu Th	Kanzler D	SAC T-107	Full Semester
50642	5:00p-9:35p	M W	Kanzler D	SAC T-107	Full Semester

MANUFACTURING TECHNOLOGY 071, CNC PROGRAM WRITING 4 UNITS

Introductory course for manual CNC program writing. This course will include coordinate system, absolute/incremental programming, circular interpolation, cutter radius compensation, canned cycles, and program formatting.

W 50643	9:00a-1:15p	Sa	Singh N	SAC H-207	Full Semester
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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.

50644	6:00p-7:25p	Tu Th	Singh N	SAC T-203	Full Semester
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Section 50644 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.

50645	7:30p-10:40p	M	Singh N	SAC T-101	Full Semester
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Section 50645 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.

50646	6:00p-7:25p	M W	Singh N	SAC T-203	Full Semester
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Section 50646 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 078, MASTERCAM LATHE 3 UNITS

Computer assisted numerical control programming of machine tools using MASTERCAM lathe software. Emphasis placed on lathe toolpaths: facing, turning, grooving, boring, and threading.

Prerequisite: Manufacturing Technology 071, 073, and 076.

50647	7:30p-10:40p	Tu	Singh N	SAC T-203	Full Semester
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Section 50647 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 086, ADVANCED CNC LATHE PROGRAMMING, SETUP AND OPERATION 3 UNITS

Advanced programming, setup and operation of CNC lathe. Course curriculum will include instruction on C-Axis with live tooling option, subprogram for C-Axis, tapered I.D. and O.D. thread, canned cycles, uses of digital probe for tool offset and programmable tailstock.

Prerequisite: Manufacturing Technology 071 and 076.

50648	7:30p-10:40p	Th	Singh N	SAC T-101	Full Semester
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Section 50648 has 2 hours arranged per week

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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MANUFACTURING TECHNOLOGY 094, CNC HORIZONTAL MILL SETUP AND OPERATION 3 UNITS

Set up and operation of CNC Horizontal Machining Center. Student will learn the concepts necessary for set up and operation of the state-of-the-art horizontal milling machine. Course curriculum will include instruction on multi fixtures, rapid pallet changing, ability to machine several sides at once with a single set-up using fully programmable 4th axis, to boost productivity, cut lead times and lower production costs.

Prerequisite: Manufacturing Technology 071, 074, and 084.

50649	7:30p-10:40p	W	Singh N	SAC T-101	Full Semester
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Section 50649 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 50660	9:00a-1:00p	Tu	Kanzler D	SAC T-107	Full Semester
50667	9:00a-5:30p	Sa	Digilio G	SAC T-107	Full Semester
50664	9:00a-1:00p	Th	Kanzler D	SAC T-107	Full Semester
50663	12:00p-6:00p	F	Digilio G	SAC T-107	Full Semester
50665	3:30p-9:35p	Th	Gershman B	SAC T-107	Full Semester
50666	5:30p-9:45p	W	Kanzler D	SAC T-107	Full Semester
50659	5:30p-9:35p	Tu	Gershman B	SAC T-107	Full Semester
50657	5:30p-9:45p	M	Kanzler D	SAC T-107	Full Semester
50661	7:00p-10:10p	M	Singh N	SAC T-107	Full Semester
50658	7:00p-10:10p	Th	Singh N	SAC T-107	Full Semester
50662	7:00p-10:10p	W	Singh N	SAC T-107	Full Semester

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

W 50668	9:00a-5:30p	Sa	Digilio G	SAC T-107	Full Semester
50672	12:00p-6:00p	F	Digilio G	SAC T-107	Full Semester
50671	7:00p-10:10p	Th	Cole J	SAC T-203-1	Full Semester
50669	7:00p-10:10p	Tu	Corley G	SAC T-203-1	Full Semester
50670	7:00p-10:10p	W	Cole J	SAC T-203-1	Full Semester

MANUFACTURING TECHNOLOGY 103, SOLIDWORKS BASIC SOLID MODELING 3 UNITS

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

50651	7:00p-10:10p	Tu	Corley G	SAC T-203-1	Full Semester
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Section 50651 has 2 hours arranged per week

50650	7:00p-10:10p	W	Cole J	SAC T-203-1	Full Semester
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Section 50650 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.

50652	7:00p-10:10p	Th	Cole J	SAC T-203-1	Full Semester
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Section 50652 has 2 hours arranged per week

MANUFACTURING TECHNOLOGY 114, GEOMETRIC DIMENSIONING AND TOLERANCING 3 UNITS

Drawing interpretation utilizing geometric dimensioning and tolerancing (ANSI Y14.5) as applied in engineering, manufacturing, and inspection. Suggested preparation: Prior or concurrent enrollment in Manufacturing Technology 011 or Engineering 122. (Same as Engineering 114.)

50653	7:00p-10:10p	W	Corley G	SAC R-318	Full Semester
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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 any one of the following: Manufacturing Technology 011; Engineering 011, 051, 122, 124, 125.

50655	9:30a-1:45p	Tu Th	Kanzler D	SAC T-107	Full Semester
50656	5:30p-9:35p	Tu Th	Gershman B	SAC T-107	Full Semester
51215	5:30p-9:35p	M W	Kanzler D	SAC T-107	Full Semester



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SAC IS TOBACCO-FREE

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

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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MARKETING

MARKETING 112, PRINCIPLES OF ADVERTISING **3 UNITS**
An analysis of the principles of advertising as a marketing tool. The use of persuasive techniques about products, services, or ideas. Understanding the use of various media to increase product use, to build brand preference and loyalty, and to communicate information about a product.
 48620 7:00p-10:10p Th Russo J SAC A-211 Full Semester

MARKETING 113, PRINCIPLES OF MARKETING **3 UNITS**
The process of developing products that will satisfy the many needs of consumers and businesses. Includes market research techniques, pricing, distribution, and promotion.
 48621 TBA Grant M SAC HYBRID Full Semester
 9:30a-10:55a Tu Grant M SAC A-203
 Section 48621 hybrid instruction combines mandatory on-campus meetings every Tues, 9:30am-10:55am, SAC A-203 plus online instruction.
 48622 7:00p-10:10p M Stewart L SAC A-207 Full Semester

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

CAI 49015	8:00a-10:05a	MW	MacBride-Hart C	SAC L-206	Full Semester
Section 49015 will be required to use the MyMathLab or other software.					
CAI 49032	10:15a-12:20p	Tu Th	Shahbazian R	SAC L-206	Full Semester
Section 49032 will be required to use the MyMathLab or other software.					
CAI 49054	1:00p-3:05p	MW	Leeds K	SAC L-206	Full Semester
Section 49054 will be required to use the MyMathLab or other software.					
CAI 49056	5:45p-10:00p	M	Felton D	SAC L-202	Full Semester
Section 49056 will be required to use the MyMathLab or other software.					
CAI 49058	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
Section 49058 will be required to use the MyMathLab or other software.					

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

CAI 49064	8:00a-10:05a	MW	MacBride-Hart C	SAC L-206	Full Semester
Section 49064 will be required to use the MyMathLab or other software.					
CAI 49068	10:15a-12:20p	Tu Th	Shahbazian R	SAC L-206	Full Semester
Section 49068 will be required to use the MyMathLab or other software.					
CAI 49070	1:00p-3:05p	MW	Leeds K	SAC L-206	Full Semester
Section 49070 will be required to use the MyMathLab or other software.					
CAI 49071	5:45p-10:00p	M	Felton D	SAC L-202	Full Semester
Section 49071 will be required to use the MyMathLab or other software.					
CAI 49072	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
Section 49072 will be required to use the MyMathLab or other software.					

MATHEMATICS N05C, BASIC MATHEMATICS C **1 UNIT**
Reviews geometric formulas and signed numbers using lectures, self-paced computer assisted instruction, and manipulative activities. Not applicable to associate degree.
 Prerequisite: Mathematics N05A and N05B.
 Open Entry / Open Exit

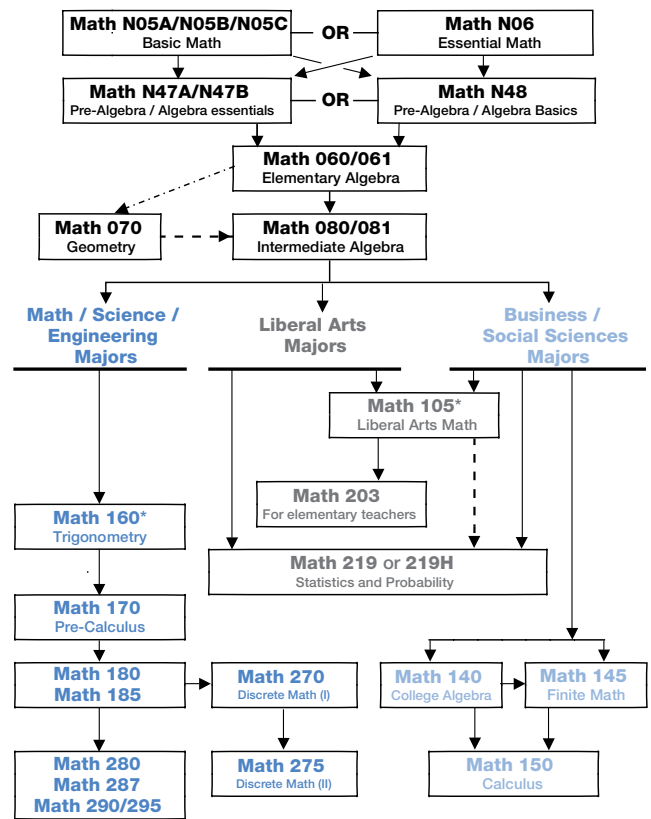
CAI 49073	8:00a-10:05a	MW	MacBride-Hart C	SAC L-206	Full Semester
Section 49073 will be required to use the MyMathLab or other software.					
CAI 49074	10:15a-12:20p	Tu Th	Shahbazian R	SAC L-206	Full Semester
Section 49074 will be required to use the MyMathLab or other software.					
CAI 49075	1:00p-3:05p	MW	Leeds K	SAC L-206	Full Semester
Section 49075 will be required to use the MyMathLab or other software.					
CAI 49076	5:45p-10:00p	M	Felton D	SAC L-202	Full Semester
Section 49076 will be required to use the MyMathLab or other software.					
CAI 49077	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
Section 49077 will be required to use the MyMathLab or other software.					

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.

48465	8:00a-10:05a	MW	Rogers N	SAC L-207	Full Semester
48466	9:45a-11:50a	Tu Th	Powers R	SAC L-207	Full Semester
48468	12:30p-2:35p	MW	Rogers N	SAC L-207	Full Semester
48469	5:00p-7:05p	Tu Th	Root A	SAC L-207	Full Semester
CAI 48467	5:45p-10:00p	W	Vu H	SAC L-207	Full Semester
Section 48467 will be required to use the MyMathLab or other software.					
48470	7:15p-9:20p	Tu Th	Root A	SAC L-207	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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Mathematics Course Sequences



Note: Where a student places in the sequence will depend upon previous background and test scores. Check prerequisites for all courses.

Note: Students planning to transfer to a four-year school should work carefully with a counselor and the catalog of the school of transfer. A college major should be chosen by the end of Math 080/081 to ensure enrollment in the most appropriate subsequent class.

*Geometry is prerequisite.

MATHEMATICS 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

CAI 49083	8:00a-10:05a	MW	MacBride-Hart C	SAC L-206	Full Semester
Section 49083 will be required to use the MyMathLab or other software.					
CAI 49085	10:15a-12:20p	Tu Th	Shahbazian R	SAC L-206	Full Semester
Section 49085 will be required to use the MyMathLab or other software.					
CAI 49086	1:00p-3:05p	MW	Leeds K	SAC L-206	Full Semester
Section 49086 will be required to use the MyMathLab or other software.					
CAI 49087	5:45p-10:00p	M	Felton D	SAC L-202	Full Semester
Section 49087 will be required to use the MyMathLab or other software.					
CAI 49088	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
Section 49088 will be required to use the MyMathLab or other software.					

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.

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

CAI 49089	8:00a-10:05a	MW	MacBride-Hart C	SAC L-206	Full Semester
Section 49089 will be required to use the MyMathLab or other software.					
CAI 49090	10:15a-12:20p	Tu Th	Shahbazian R	SAC L-206	Full Semester
Section 49090 will be required to use the MyMathLab or other software.					
CAI 49091	1:00p-3:05p	MW	Leeds K	SAC L-206	Full Semester
Section 49091 will be required to use the MyMathLab or other software.					
CAI 49092	5:45p-10:00p	M	Felton D	SAC L-202	Full Semester
Section 49092 will be required to use the MyMathLab or other software.					
CAI 49093	5:45p-10:00p	Tu	Felton D	SAC L-202	Full Semester
Section 49093 will be required to use the MyMathLab or other software.					

MATHEMATICS N48, PRE-ALGEBRA/ALGEBRA BASICS

4 UNITS

For students who have little or no previous algebra experience. This course offers an introduction to basic algebra concepts, math vocabulary, algebraic operations. This course is intended to be a bridge from basic arithmetic to elementary algebra. Not applicable to associate degree.

Prerequisite: Mathematics N05 or N06 with a grade of C or better or placement into Mathematics N48 on the Math Level 1 Exam and a course equivalent to Mathematics N05 or N06.

48412	8:00a-10:05a	MW	Rollins-Logay E	SAC R-113	Full Semester
W 48458	8:00a-12:15p	Sa	Pilz L	SAC R-113	Full Semester
48415	8:30a-10:35a	Tu Th	Marecek L	SAC R-113	Full Semester
Section 48415 is linked to Counseling 107, The Freshman Experience, Section 47465.					
Enrollment in both sections is mandatory.					

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

48451	9:45a-11:50a	Tu Th	Shirman T	SAC R-115	Full Semester
48449	9:45a-11:50a	Tu Th	Rogers N	SAC R-117	Full Semester
48416	10:15a-12:20p	MW	Rogers N	SAC R-113	Full Semester
Section 48416 is linked to Counseling 107, The Freshman Experience, Section 47478.					
Enrollment in both sections is mandatory.					

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

48417	10:45a-12:50p	Tu Th	Anthony M	SAC R-113	Full Semester
48455	12:00p-2:05p	Tu Th	Marecek L	SAC R-117	Full Semester
48425	12:30p-2:35p	MW	MacBride-Hart C	SAC R-113	Full Semester
48421	1:00p-3:05p	Tu Th	Nguyen K	SAC R-113	Full Semester
48432	2:15p-4:20p	MW	Porter S	SAC R-117	Full Semester
48427	3:15p-5:20p	Tu Th	Zeller M	SAC R-113	Full Semester
48448	5:00p-7:05p	MW	Bradley K	SAC R-117	Full Semester
48430	5:30p-7:35p	MW	Galima L	SAC R-113	Full Semester
48423	5:30p-7:35p	Tu Th	Zeller M	SAC R-113	Full Semester
48429	7:45p-9:50p	Tu Th	Hendon S	SAC R-113	Full Semester

MATHEMATICS 053, TECHNICAL MATHEMATICS

3 UNITS

Ratios and proportions, formulas, measurements (linear, surface, and volume), geometric construction, and right triangles. Basics of algebra, geometry, and trigonometry for the manufacturing industry. (Same as Manufacturing Technology 053.)

Prerequisite: Mathematics N48 with a grade of C or better.

50576	7:15p-10:25p	F	Farmer B	SAC A-130	Full Semester
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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.

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).

H 49221	TBA		Solheid C	SAC HYBRID	Full Semester
W 49221					
Section 49221 will be required to use the MyMathLab or other software. Between the dates of Aug 17-19 email the instructor at solheid_christa@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, Sept 23, Oct 21, Nov 18, and Dec 9; 6:00p-8:00p, SAC L-202. See online courses page in the class schedule or go to www.sac.edu/disted for more information.					

48473	7:00a-9:05a	MW	Hashemi S	SAC H-104	Full Semester
CAI 48806	7:00a-9:05a	Tu Th	Fazeli F	SAC H-105	Full Semester
Section 48806 will be required to use the MyMathLab or other software.					
48476	7:30a-9:35a	Tu Th	Kocaman F	SAC R-117	Full Semester
48696	7:45a-9:50a	Tu Th	Zarske J	SAC I-203	Full Semester
49644	7:45a-9:50a	M Tu W Th	Lewis L	SAC R-228	08/22-10/13
Fast Track to Success-Section 49644, is linked to Counseling N45, Orientation to College, Section 51798, Counseling 107, The Freshman Experience, Section 51796, and Math 080, Intermediate Algebra, Section 49647. Enrollment in all sections is mandatory.					
49642	7:45a-9:50a	M Tu W Th	Staff	SAC R-318	08/22-10/13
Fast Track to Success-Section 49642, is linked to Counseling N45, Orientation to College, Section 51797, Counseling 107, The Freshman Experience, 51793, and Math 080, Intermediate Algebra, Section 49646. Enrollment in all sections is mandatory.					
CAI 48471	8:00a-10:05a	MW	Marecek L	SAC I-204	Full Semester
Section 48471 will be required to use the MyMathLab or other software.					
48701	9:45a-11:50a	MW	Hager B	SAC R-117	Full Semester
Section 48701 is linked to Counseling 107, The Freshman Experience, Section 47471. Enrollment in both sections is mandatory.					
See Freshman Experience Program page in the class schedule for more information.					
CAI 48697	9:45a-11:50a	Tu Th	Fazeli F	SAC H-104	Full Semester
Section 48697 will be required to use the MyMathLab or other software.					
CAI 48700	10:00a-12:05p	Tu Th	Nason J	SAC B-30	Full Semester
Section 48700 will be required to use the MyMathLab or other software.					
48828	10:15a-12:20p	MW	Mc Clure C	SAC I-202	Full Semester
48475	12:00p-2:05p	Tu Th	Shirman T	SAC I-209	Full Semester
48738	12:00p-2:05p	MW	Porter S	SAC R-117	Full Semester
CAI 48472	12:00p-2:05p	Tu Th	Lechuga J	SAC B-31	Full Semester
Section 48472 will be required to use the MyMathLab or other software.					
Section 48472 is linked to Counseling 107, The Freshman Experience, Section 47479. Enrollment in both sections is mandatory.					
See Freshman Experience Program page in the class schedule for more information.					
CAI 48689	12:00p-2:05p	MW	Marecek L	SAC H-104	Full Semester
Section 48689 will be required to use the MyMathLab or other software.					
48733	2:45p-4:50p	MW	Meier K	SAC H-105	Full Semester
Section 48733 is linked to Counseling 107, The Freshman Experience, Section 47480. Enrollment in both sections is mandatory.					
See Freshman Experience Program page in the class schedule for more information.					
51189	2:45p-4:50p	Tu Th	Staff	SAC R-318	Full Semester
48737	3:15p-5:20p	MW	Shahbazian R	SAC H-109	Full Semester
CAI 48732	4:00p-6:05p	Tu Th	Pai R	SAC R-114	Full Semester
Section 48732 will be required to use the MyMathLab or other software.					
CAI 48694	5:00p-7:05p	MW	Mahoney J	SAC I-204	Full Semester
Section 48694 will be required to use the MyMathLab or other software.					
48474	5:00p-7:05p	Tu Th	Camacho O	SAC I-204	Full Semester
48690	5:30p-7:35p	MW	Elizondo G	SAC I-203	Full Semester
48805	5:30p-7:35p	Tu Th	Meier K	SAC H-105	Full Semester
CAI 48832	7:15p-9:20p	MW	Mahoney J	SAC R-117	Full Semester
Section 48832 will be required to use the MyMathLab or other software.					
48699	7:15p-9:20p	Tu Th	Camacho O	SAC R-117	Full Semester
48830	7:45p-9:50p	MW	Elizondo G	SAC H-108	Full Semester

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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MATHEMATICS 070, GEOMETRY

3 UNITS

Basic Euclidean geometry. Includes concepts of lines, planes, triangles, congruence, proofs, inequalities, parallel lines, similarity, areas, and volumes.

Prerequisite: Math 060 or 061 with a grade of C or better; or placement into Math 070 on the Math Level 2 placement exam and a course equivalent to Math 060 or 061.

51192	1:15p-3:20p	Tu Th	Staff	SAC I-204	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 or 061 with a grade of C or better; or placement into Math 080 on the Mathematics level 2 placement exam and a course equivalent to Mathematics 060 or 061.

49626	TBA		Vu D	SAC HYBRID	Full Semester
Section 49626 Between the dates of Aug 17-19 email the instructor at vu_dahlia@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, Sept 23, Oct 21, Nov 18, and Dec 9; 6:00p-8:00p, SAC I-203. See online courses page in the class schedule or go to www.sac.edu/disted for more information.					
49646	7:45a-10:40a	M Tu W Th	Staff	SAC R-318	10/17-12/08
49647	7:45a-10:40a	M Tu W Th	Lewis L	SAC R-228	10/17-12/08
49621	8:00a-1:20p	Sa	Maiah A	SAC I-203	Full Semester

ATTENTION MATH 081 STUDENTS!

All Math 081 classes have a lab component requiring 16 hours (1hr/week) in the Math Center.

MATHEMATICS 081, INTERMEDIATE ALGEBRA WITH LAB

4 UNITS

A second course in algebra that includes systems of equations: inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions; problem solving. All Math 081 classes include a laboratory requirement requiring weekly attendance in the Math Center.

Prerequisite: Mathematics 060 or 061 with a grade of C or better; or placement into Math 080 or 081 on the Mathematics level 2 placement exam and a course equivalent to Mathematics 060 or 061.

49169	6:15a-8:45a	M W	Sheldon J	SAC I-203	Full Semester
49185	7:00a-9:30a	Tu Th	Powers R	SAC H-107	Full Semester
CAI 49155	7:30a-10:00a	M W	Everett M	SAC H-109	Full Semester
Section 49155 will be required to use the MyMathLab or other software.					
CAI 49157	8:15a-10:45a	Tu Th	Lechuga J	SAC R-114	Full Semester
Section 49157 will be required to use the MyMathLab or other software.					
49171	9:00a-11:30a	M W	Bourouis-Benyassine A	SAC I-203	Full Semester
49193	9:15a-11:45a	M W	Zarske J	SAC H-107	Full Semester
49203	10:15a-12:45p	Tu Th	Zarske J	SAC H-109	Full Semester
CAI 49186	10:15a-12:45p	Tu Th	Everett M	SAC I-203	Full Semester
Section 49186 will be required to use the MyMathLab or other software.					
Section 49186 is linked to Counseling 107, The Freshman Experience, Section 47468.					
Enrollment in both sections is mandatory.					
See Freshman Experience Program page in the class schedule for more information.					
49178	10:15a-12:45p	M W	Vu D	SAC H-108	Full Semester
CAI 49197	11:45a-2:15p	M W	Everett M	SAC I-203	Full Semester
Section 49197 will be required to use the MyMathLab or other software.					
49192	12:00p-2:30p	Tu Th	Leeds K	SAC H-107	Full Semester
49144	12:00p-2:30p	Tu Th	Vu D	SAC H-105	Full Semester
49199	12:30p-3:00p	M W	Lieu T	SAC H-109	Full Semester
49181	1:00p-3:30p	Tu Th	Solheid C	SAC I-203	Full Semester
49201	1:00p-3:30p	Tu Th	Kassman S	SAC H-109	Full Semester
49189	1:15p-3:45p	M W	Hager B	SAC B-31	Full Semester
49150	2:15p-4:45p	M W	Bowers C	SAC H-107	Full Semester
49166	3:45p-6:15p	Tu Th	Leeds K	SAC I-203	Full Semester
49196	5:00p-7:30p	Tu Th	Bowers C	SAC H-107	Full Semester
49165	7:15p-9:45p	M W	Maiah A	SAC H-107	Full Semester
49175	7:45p-10:15p	M W	Nguyen T	SAC H-105	Full Semester
49204	7:45p-10:15p	M W	Galima L	SAC H-109	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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 theory, geometry, logic, mathematical modeling, and the history of mathematics.

Prerequisite: Mathematics 080 or 081 with a grade of C or better or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080 or 081.

H 49226	TBA		Shahbazian R	SAC HYBRID	Full Semester
Section 49226 Between the dates of Aug 17-19 email the instructor at shahbazian_roy@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, Sept 23, Oct 21, Nov 18, and Dec 9; 4:00p-6:00p, SAC I-202. See online courses page in the class schedule or go to www.sac.edu/disted for more information.					
48838	8:00a-12:15p	F	Carrera C	SAC I-203	Full Semester
CAI 48839	10:15a-12:20p	M W	Hockman A	SAC B-30	Full Semester
Section 48839 will be required to use the MyMathLab or other software.					
48852	12:30p-2:35p	M W	Shahbazian R	SAC H-105	Full Semester
CAI 48865	2:15p-4:20p	Tu Th	Nason J	SAC R-117	Full Semester
Section 48865 will be required to use the MyMathLab or other software.					
CAI 48864	2:45p-4:50p	M W	Hockman A	SAC L-207	Full Semester
Section 48864 will be required to use the MyMathLab or other software.					
51195	7:45p-9:50p	Tu Th	Staff	SAC I-203	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 or 081 with a grade of C or better or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080 or 081.

H 49227	TBA		Carrera C	SAC HYBRID	Full Semester
Section 49227 Between the dates of Aug 17-19 email the instructor at carrera_cheryl@sac.edu for instructions on how to view the mandatory orientation. Mandatory class meetings are Fri, Sept 23, Oct 21, Nov 18, and Dec 9; 6:00p-8:00p, SAC I-204. See online courses page in the class schedule or go to www.sac.edu/disted for more information.					
CAI 48873	7:00a-9:05a	M W	Minasian A	SAC H-107	Full Semester
Section 48873 will be required to use the MyMathLab or other software.					
W 48886	8:00a-12:15p	Sa	Carrera C	SAC I-204	Full Semester
48866	9:45a-11:50a	Tu Th	Solheid C	SAC H-107	Full Semester
48868	12:00p-2:05p	M W	Chung H	SAC H-107	Full Semester
48869	2:45p-4:50p	Tu Th	Nguyen T	SAC H-107	Full Semester
48871	5:00p-7:05p	M W	Tran F	SAC H-107	Full Semester
CAI 48872	7:45p-9:50p	Tu Th	Cedeno J	SAC H-107	Full Semester
Section 48872 will be required to use the MyMathLab or other software.					

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 140.

48887	7:00a-9:30a	Tu Th	Sheldon J	SAC L-207	Full Semester
48892	9:45a-12:15p	M W	Kashi M	SAC H-105	Full Semester
48893	7:45p-10:15p	Tu Th	Meier K	SAC H-105	Full Semester

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 or 081 with a grade of C or better; or placement into Mathematics 160 with the Mathematics Level 3 exam and courses equivalent to Mathematics 070 and 080 or 081.

CAI 48895	8:00a-10:05a	Tu Th	Proffitt J	SAC H-109	Full Semester
Section 48895 will be required to use the MyMathLab or other software.					
48896	10:15a-12:20p	M W	Nguyen D	SAC H-109	Full Semester
48897	5:30p-7:35p	M W	Gonzalez J	SAC H-109	Full Semester
CAI 48899	6:30p-8:35p	Tu Th	Pai R	SAC H-109	Full Semester
Section 48899 will be required to use the MyMathLab or other software.					

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.

48900	7:00a-9:30a	M W	Kashi M	SAC H-105	Full Semester
48904	9:15a-11:45a	Tu Th	MacBride-Hart C	SAC H-105	Full Semester
48902	2:45p-5:15p	Tu Th	Cedeno J	SAC H-105	Full Semester
48905	5:00p-7:30p	M W	Lieu T	SAC H-105	Full Semester

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Santiago Canyon College!**

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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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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.

48906	7:00a-9:30a	Tu Th	Kashi M	SAC H-104	Full Semester
48908	9:15a-11:45a	M W	Sill K	SAC H-104	Full Semester
48910	2:15p-4:45p	Tu Th	Staff	SAC H-104	Full Semester
48909	2:15p-4:45p	M W	Sill K	SAC H-104	Full Semester
48907	5:00p-7:30p	Tu Th	Cho A	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.

48911	3:45p-6:15p	Tu Th	Sill K	SAC H-109	Full Semester
48912	7:15p-9:45p	M W	Tran F	SAC H-104	Full Semester

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 or 081 with a grade of C or better or placement into Mathematics 219 on the Mathematics Level 3 placement Exam AND a course equivalent to Mathematics 080 or 081.

CAI 48913	7:30a-10:00a	M W	Nguyen D	SAC H-108	Full Semester
Section 48913 will be required to use the MyMathLab or other software.					
W 49004	8:00a-1:20p	Sa	Bui M	SAC A-215	Full Semester
CAI 49000	9:15a-11:45a	Tu Th	Mc Clure C	SAC H-108	Full Semester
Section 49000 will be required to use the MyMathLab or other software.					
48930	1:00p-3:30p	M W	Ortiz F	SAC H-108	Full Semester
CAI 48938	2:15p-4:45p	Tu Th	Anthony M	SAC H-108	Full Semester
Section 48938 will be required to use the MyMathLab or other software.					
49002	5:00p-7:30p	M W	Bowers C	SAC H-108	Full Semester
48927	7:15p-9:45p	Tu Th	Pham T	SAC H-108	Full Semester

MATHEMATICS 219H, HONORS STATISTICS AND PROBABILITY 4 UNITS

Enhanced format for the beginning course in statistics and probability, using a seminar approach and computers and individual research, and presentations. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics, with applications designed around the individual interests of students. (Same as Social Science 219H.)

Prerequisite: Mathematics 080 or 081 with a grade of C or better (or placement into Mathematics 219 on the Mathematics Level 3 placement exam AND a course equivalent to Mathematics 080 or 081) AND a high school or college GPA of 3.0 or higher.

CAI 49230	12:45p-3:15p	Tu Th	Mc Clure C	SAC A-215	Full Semester
Section 49230 will be required to use the MyMathLab or other software.					

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.

49228	12:00p-2:05p	Tu Th	Danova V	SAC H-104	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. Units are earned based on the number of hours worked per semester: 75-149 hours = 1 unit; 150-224 hours = 2 units; 225-299 hours = 3 units and 300-360 hours = 4 units. May be repeated. grade: Pass/No Pass only.

51663	5:30p-6:35p	M	Emley C	SAC R-115	Full Semester
Section 51663 meets 8/22, 8/29, 9/12, and 12/5 from 5:30-6:35pm, SAC R-115. Student arranges work experience placement. Number of units based on number of hours to be arranged. Healthcare experience is required.					

MEDICAL ASSISTANT 020, BLOODBORNE AND AIRBORNE PATHOGEN STANDARDS 0.5 UNIT

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.

47153	8:00a-12:00p	F	Emley C	SAC R-307	09/23-09/23
	1:00p-5:10p	F	Emley C	SAC R-307	

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 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.

47154	3:00p-6:10p	Tu	Emley C	SAC C-104	Full Semester
47155	5:30p-8:40p	W	Emley C	SAC A-210	Full Semester

MEDICAL ASSISTANT 051B, ADVANCED MEDICAL TERMINOLOGY 3 UNITS

Continuation of MA 051A. Includes medical terms related to anatomy, physiology, diagnostic tests and pathology of the nervous, cardiovascular, respiratory, circulatory, musculoskeletal, skin, sensory and the endocrine systems.

Prerequisite: Medical Assistant 051A.

47156	2:00p-5:10p	M	Emley C	SAC A-210	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.

47157	1:15p-4:25p	W	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.

47881	1:30p-4:40p	Tu	Seitz C	SAC R-303-1	Full Semester
47158	6:30p-9:40p	M	Randles D	SAC R-303-1	Full Semester

MEDICAL ASSISTANT 055, MEDICAL ASSISTANT - CLINICAL BACK OFFICE 3 UNITS

Medical back office with emphasis on asepsis, sterilization, gloving and ungloving, assisting physician with exams and minor office surgical procedures, vital signs, wound care, dressings, bandaging, specimen collections, medications and injection techniques.

47159	5:45p-8:55p	Th	Emley C	SAC R-307	Full Semester
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MUSIC

MUSIC 098, MUSIC LABORATORY 0.5 UNIT

Sign in/out supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Completion of new assignments each semester. Accumulation of 24 hours earns 0.5 unit.

Open Entry / Open Exit

48978	TBA		Blake P	SAC N-119	Full Semester
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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.

51953	TBA		Jones E	SAC WEB	Full Semester
Section 51953 Go to www.sac.edu/disted for more information.					
Email instructor first week of class. (jones_elliott@sac.edu)					

48979	9:30a-10:55a	MW	Staff	SAC N-117	Full Semester
48980	9:30a-10:55a	TuTh	Staff	SAC C-104	Full Semester
48981	11:00a-12:25p	MW	Staff	SAC C-104	Full Semester
48982	7:00p-10:10p	Tu	Staff	SAC C-104	Full Semester

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MUSIC 103, JAZZ IN AMERICA 3 UNITS					
<i>A historical survey of the development and evolution of jazz in America from its earliest roots in African and European music. The study will also include the social and economic conditions which influenced this art form.</i>					
48983	9:30a-10:55a	MW	Kehlenbach E	SAC N-114	Full Semester
48984	9:30a-10:55a	Tu Th	Lopez D	SAC N-114	Full Semester
48985	7:00p-10:10p	Th	Lopez D	SAC C-104	Full Semester
MUSIC 104, ROCK MUSIC HISTORY AND APPRECIATION 3 UNITS					
<i>Historical survey of rock music from its beginnings in the 50's to the present. Major rock and pop styles will be discussed. Personalities and musical styles will be related to the social, political, and cultural context of the time.</i>					
48986	7:00p-10:10p	M	Bush N	SAC D-105	Full Semester
MUSIC 109, READING AND MAKING MUSIC 2 UNITS					
<i>Introduction to music reading. Practical experience in learning how to perform melodies, rhythms and simple chords from a written score. Recommended for beginning instrumental and voice students, and those preparing for music theory.</i>					
48987	4:50p-6:55p	M	Staff	SAC N-117	Full Semester
MUSIC 110, FUNDAMENTALS OF MUSIC 3 UNITS					
<i>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.</i>					
48988	11:00a-12:25p	MW	Blake P	SAC N-117	Full Semester
MUSIC 111, BASIC THEORY AND EAR TRAINING 4 UNITS					
<i>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.</i>					
48989	11:00a-12:55p	MW	Blake P	SAC N-117	Full Semester
			1 hour arranged each week		
48990	6:00p-10:15p	Th	Blake P	SAC N-114	Full Semester
			1 hour arranged each week		
MUSIC 113A, BASIC MUSICIANSHIP SKILLS 1 UNIT					
<i>Ear training and in-class sightsinging 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.</i>					
49078	5:00p-5:55p	Th	Marr J	SAC N-106	Full Semester
			1 hour arranged each week		
MUSIC 113B, MUSICIANSHIP SKILLS 1 UNIT					
<i>Continued ear training and in-class sightsinging 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.</i>					
Prerequisite: Music 113A.					
49080	5:00p-5:55p	Th	Marr J	SAC N-106	Full Semester
			1 hour arranged each week		
MUSIC 114A, MUSICIANSHIP 1 UNIT					
<i>Competency-based sightsinging, rhythm, ear training, dictation (melodic/harmonic) for performers and transferring music majors. Arranged hours in Music Lab for computer programs, aural tapes and Tapmasters.</i>					
Prerequisite: Music 112.					
49084	6:00p-6:55p	Th	Kehlenbach E	SAC N-117	Full Semester
			2 hours arranged each week		
MUSIC 114B, MUSICIANSHIP 1 UNIT					
<i>Competency-based sightsinging, 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.</i>					
Prerequisite: Music 114A.					
49095	6:00p-6:55p	Th	Kehlenbach E	SAC N-117	Full Semester
			2 hours arranged each week		
MUSIC 115A, APPLIED MUSIC (PRIVATE INSTRUCTION) 1 UNIT					
<i>Weekly lesson in voice, piano, band/orchestral instrument or classical guitar. Five hours on-campus practice per week and attendance at weekly recital required. B, C, and D semesters require study of more advanced repertoire. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course.</i>					
Open Entry / Open Exit					
48999	TBA		Jones J	SAC N-117	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MUSIC 115B, APPLIED MUSIC (PRIVATE INSTRUCTION) 1 UNIT					
<i>Weekly lesson in voice, piano, band/orchestra instrument or classical guitar covering more advanced repertoire than Music 115A. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course.</i>					
Open Entry / Open Exit					
49142	TBA		Jones J	SAC N-117	Full Semester
MUSIC 115C, APPLIED MUSIC (PRIVATE INSTRUCTION) 1 UNIT					
<i>Weekly lesson in voice, piano, band/orchestra instrument or classical guitar. Must attend weekly recital and practice 5 hours per week in Music Building. Requires audition and concurrent enrollment in either a music ensemble or music theory course.</i>					
Open Entry / Open Exit					
49146	TBA		Jones J	SAC N-117	Full Semester
MUSIC 115D, APPLIED MUSIC (PRIVATE INSTRUCTION) 1 UNIT					
<i>Weekly lesson in voice, piano, band/orchestral instrument or classical guitar covering more advanced repertoire than Music 115C. Five hours oncampus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course.</i>					
Open Entry / Open Exit					
49147	TBA		Jones J	SAC N-117	Full Semester
MUSIC 121, BEGINNING VOICE 1 UNIT					
<i>Group instruction for beginners emphasizing basic principles of solo and choral voice production, diction, breath control, and posture. Practice outside of class required. Recommended for non music majors and for music majors not studying privately.</i>					
49218	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	Full Semester
49220	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	Full Semester
MUSIC 122, INTERMEDIATE VOICE 1 UNIT					
<i>Group instruction designed to develop intermediate principles of solo and choral voice production, diction, breath control and posture. Vocal analysis of each student emphasized. Practice outside of class required. Song literature matched to student level. Recommended for non music majors and for music majors not studying privately.</i>					
Prerequisite: Music 121.					
49247	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	Full Semester
49253	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	Full Semester
MUSIC 123, ADVANCED VOICE 1 UNIT					
<i>Advanced principles of solo and choral vocal production. Includes vocal exercises and song literature in English and other languages. Practice outside of class required. Recommended for non music majors and for music majors not studying privately.</i>					
Prerequisite: Music 122.					
51102	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	Full Semester
51103	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	Full Semester
MUSIC 124, ADVANCED VOCAL PRODUCTION AND REPERTOIRE 1 UNIT					
<i>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 in a variety of 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.</i>					
Prerequisite: Music 123.					
51105	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	Full Semester
51106	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	Full Semester
MUSIC 135, CONCERT CHORALE 1 UNIT					
<i>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.</i>					
49269	2:00p-3:25p	MW	Jones E	SAC N-117	Full Semester
			1.5 hours arranged each week		
49270	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester
			1.5 hours arranged each week		

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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MUSIC 136, COLLEGIATE CHOIR **1 UNIT**
Mixed chorus which rehearses and performs a variety of music, including classical, folk tunes, and songs from Broadway musicals. Each semester requires performance of new repertoire. May be repeated.

49272	2:00p-3:25p	MW	Jones E	SAC N-117	Full Semester
49281	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester

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.

49290	2:45p-5:25p	Th	Viramontes E	SAC N-114	Full Semester
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.5 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 software sampler. Students learn MIDI applications through musical projects. Basic skill level on keyboard suggested.

49342	12:30p-1:35p	MW	Kehlenbach E	DMC-204	08/22-10/12
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2 hours arranged each week

MUSIC 143, INTERMEDIATE TECHNIQUES OF MIDI SEQUENCING **1 UNIT**
Intermediate techniques of MIDI and computer sequencing including graphic editing, virtual mixing, MIDI effects and use of the sampler. Students learn MIDI applications and electronic composition through musical projects.

Prerequisite: Music 142.

49344	12:30p-1:35p	MW	Kehlenbach E	DMC-204	10/17-12/07
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2 hours arranged each week

MUSIC 144, PROJECTS IN ELECTRONIC MUSIC **1 UNIT**
Exploration of digital recording and MIDI concepts for commercial applications. Individual projects will improve and extend students' skills in the areas of composition, sequencing, and recording. Assignments will help prepare students for level 1 certification in Logic.

Prerequisite: Music 143 or 147.

49347	12:30p-1:35p	MW	Kehlenbach E	DMC-204	10/17-12/07
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4 hours arranged each week

49566	1:30p-2:30p	TuTh	Bush N	DMC-204	10/18-12/08
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4 hours arranged each week

MUSIC 146, DIGITAL RECORDING STUDIO TECHNIQUES I **2 UNITS**
Introductory class in computer-based hard disk recording. Emphasis on digital sound manipulation, editing, mixdown, and microphone techniques.

49548	1:30p-2:55p	TuTh	Bush N	DMC-204	08/22-10/13
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3 hours arranged each week

49553	6:00p-9:10p	W	Graham A	DMC-204	08/22-10/12
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3 hours arranged each week

MUSIC 147, DIGITAL RECORDING STUDIO TECHNIQUES II **2 UNITS**
Continuation of Digital Recording Studio Techniques I. Further study of digital sound manipulation including digital effects, compression, equalization, editing on a digital mixer, live recording techniques and CD production.

Prerequisite: Music 146.

49554	1:30p-2:55p	TuTh	Bush N	DMC-204	10/18-12/08
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3 hours arranged each week

MUSIC 149, THE BUSINESS OF MUSIC **2 UNITS**
Introduction to the business and legal aspects of the music industry. This course covers current trends and issues for performing and recording careers in music. Topics include copyright, royalties, recording contracts, performing rights organizations, publishing, and publicity.

49572	5:50p-7:55p	Tu	Graham A	DMC-203	Full Semester
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Instrumental and Vocal Ensembles at SAC

Concert Choir, Music 135
Chamber Choir, Music 137
Concert Band, Music 171
The Jazz Ensemble, Music 175
'Don' Mariachi, Music 178
Chamber Orchestra, Music 181

For more information on instrumental classes contact David Lopez, 714-564-5652.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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MUSIC 161, CLASS PIANO I **1 UNIT**
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.

49575	12:30p-1:25p	Tu	Staff	SAC N-106	Full Semester
	12:30p-1:25p	Th	Staff	SAC N-106	
49578	1:30p-2:25p	M	Blake P	SAC N-106	Full Semester
	1:30p-2:25p	W	Blake P	SAC N-106	
49617	5:50p-6:50p	Tu	Warde L	SAC N-106	Full Semester
	7:00p-7:55p	Tu	Warde L	SAC N-106	
49618	6:00p-6:55p	Th	Kim J	SAC N-106	Full Semester
	7:00p-8:05p	Th	Kim J	SAC N-106	
49619	7:00p-7:55p	M	Staff	SAC N-106	Full Semester
	8:00p-9:05p	M	Staff	SAC N-106	

MUSIC 162, CLASS PIANO II **1 UNIT**
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.

Prerequisite: Music 061 or 161.

49623	11:00a-11:55a	Tu	Staff	SAC N-106	Full Semester
	11:00a-11:55a	Th	Staff	SAC N-106	
49622	6:00p-6:55p	W	Blake P	SAC N-106	Full Semester
	7:00p-8:05p	W	Blake P	SAC N-106	

MUSIC 163, CLASS PIANO III **1 UNIT**
Instruction for students who have completed two semesters of piano and are ready for the intermediate level. Emphasizes building technique, sightreading and performance. Daily practice required. Practice pianos available on campus.

Prerequisite: Music 162.

49624	11:30a-12:25p	Tu	Staff	SAC N-106	Full Semester
	11:30a-12:25p	Th	Staff	SAC N-106	
49816	7:00p-7:55p	W	Blake P	SAC N-106	Full Semester
	8:00p-9:05p	W	Blake P	SAC N-106	

MUSIC 164A, INTERMEDIATE PIANO REPERTOIRE I **1 UNIT**
Instruction for intermediate level students. Emphasizes solo material, technique, sight reading, interpretation, and performance. Daily practice required. Practice pianos available on campus.

Prerequisite: Music 163.

49627	11:30a-12:25p	Tu	Staff	SAC N-106	Full Semester
	11:30a-12:25p	Th	Staff	SAC N-106	
49666	7:00p-7:55p	W	Blake P	SAC N-106	Full Semester
	8:00p-9:05p	W	Blake P	SAC N-106	

MUSIC 164B, INTERMEDIATE PIANO REPERTOIRE II **1 UNIT**
Continuation of instruction for advanced intermediate level students. Emphasizes solo material, technique, sight reading, and performance. Daily practice required. Practice pianos available on campus.

Prerequisite: Music 164A.

49670	7:00p-7:55p	W	Blake P	SAC N-106	Full Semester
	8:00p-9:05p	W	Blake P	SAC N-106	

MUSIC 168, STYLISTIC INTERPRETATION OF PIANO REPERTOIRE **1 UNIT**
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.

Prerequisite: Music 164B.

49815	7:00p-7:55p	W	Blake P	SAC N-106	Full Semester
	8:00p-9:05p	W	Blake P	SAC N-106	

MUSIC 171, CONCERT BAND **1 UNIT**
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.

49817	7:00p-10:10p	W	Lopez D	SAC N-114	08/31-12/07
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MUSIC 175, JAZZ ENSEMBLE **1 UNIT**
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.

49818	7:00p-10:10p	M	Lopez D	SAC N-114	08/29-12/16
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.5 hour arranged each week

MUSIC 176, JAZZ BAND **1 UNIT**
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.

49820	7:00p-10:10p	M	Lopez D	SAC N-114	08/29-12/16
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.5 hour arranged each week

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MUSIC 178, MARIACHI 1 UNIT					
<i>Mixed ensemble for the study, rehearsal and performance of Mariachi repertoire with an emphasis on the music from Jalisco. Each semester requires the performance of a variety of different repertoire. Designed for students who have basic performance skills.</i>					
49822	2:45p-5:25p	Th	Viramontes E	SAC N-114	Full Semester 5 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.					
49823	12:00p-12:55p M		Unal F	SAC N-106	Full Semester
	12:00p-12:55p W		Unal F	SAC N-106	
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>					
49824	7:00p-7:55p	Tu	Shorts N	SAC N-114	Full Semester
	8:00p-8:55p	Tu	Shorts N	SAC N-114	
MUSIC 181, CHAMBER ORCHESTRA 1 UNIT					
<i>Rehearsal and performance of standard repertoire for chamber orchestra. Each semester requires the performance of a variety of different repertoire. Designed for students who have basic performance skills.</i>					
49827	7:00p-10:10p	Tu	Shorts N	SAC N-114	08/30-12/11
MUSIC 185, BEGINNING CLASSICAL GUITAR 1 UNIT					
<i>Basic instruction in guitar technique and music nomenclature as related to performance of entry level solo and ensemble repertoire. Student must furnish nylon string guitar.</i>					
W 49917	10:00a-10:55a Sa		Adele D	SAC N-114	Full Semester
	11:00a-12:05p Sa		Adele D	SAC N-114	
49924	6:00p-6:55p M		Giralddin M	SAC N-114	Full Semester
	7:00p-7:55p M		Giralddin M	SAC N-114	
MUSIC 186, INTERMEDIATE CLASSICAL GUITAR 1 UNIT					
<i>Intermediate instruction 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.					
50096	8:00p-8:55p M		Giralddin M	SAC N-117	Full Semester
	9:00p-10:05p M		Giralddin M	SAC N-117	
MUSIC 187, ADVANCED CLASSICAL GUITAR 1 UNIT					
<i>Instruction at the advanced level in solo, duo and trio repertoire. Emphasizes advanced technical studies and etudes and performance styles of 16th through 20th century music. Student must provide nylon string guitar.</i>					
Prerequisite: Music 186.					
50099	8:00p-8:55p M		Giralddin M	SAC N-117	Full Semester
	9:00p-10:05p M		Giralddin M	SAC N-117	
MUSIC 188, ADVANCED CLASSICAL GUITAR TECHNIQUE AND REPERTOIRE 1 UNIT					
<i>Further develops advanced technique and solo performance through study of Renaissance, Baroque, and Classic ornamentation and various performance styles of 16th through 20th century music. Student must provide nylon string guitar.</i>					
Prerequisite: Music 187.					
50111	8:00p-8:55p M		Giralddin M	SAC N-117	Full Semester
	9:00p-10:05p M		Giralddin M	SAC N-117	
MUSIC 211, MUSIC HISTORY AND LITERATURE 3 UNITS					
<i>Survey of important European trends in musical style and form from the Middle Ages to the 20th century. Required for music majors. Open to non-music majors. Recommended preparation: Music 112</i>					
50163	TBA		Jones E	SAC WEB	Full Semester
Section 50163 Go to www.sac.edu/disted for more information. E-mail instructor first week of class. (jones_elliott@sac.edu)					
MUSIC 213, THEORY 3 3 UNITS					
<i>Continuation of diatonic harmony from Music 112. Chromatic harmony introduced. Includes non-dominant seventh chords, secondary dominants, modulation, and altered chords. Keyboard harmony. Concurrent enrollment in Music 114A recommended. Required for music majors; open to non majors.</i>					
Prerequisite: Music 112.					
50192	7:00p-10:10p	Th	Kehlenbach E	SAC N-117	Full Semester
MUSIC 215A, APPLIED MUSIC (ADVANCED PRIVATE INSTRUCTION) 1 UNIT					
<i>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.</i>					
49350	TBA		Lopez D	SAC N-117	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
MUSIC 241, CHAMBER MUSIC ENSEMBLE 1 UNIT					
<i>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.</i>					
W 49424	12:15p-3:25p	Sa	Adele D	SAC N-114	Full Semester
49425	3:30p-4:50p	M W	Jones E	SAC N-117	Full Semester
49428	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester
49427	7:00p-10:10p	Tu	Shorts N	SAC N-114	Full Semester
MUSIC 271, SYMPHONIC BAND 1 UNIT					
<i>The rehearsal and performance of band music. Preparation of standard band repertoire for performances in the community. Each semester requires performance of a variety of new and different repertoire. Designed for students with intermediate or advanced performance skills.</i>					
49430	7:00p-10:10p	W	Lopez D	SAC N-114	08/31-12/07

NURSING-REGISTERED

NURSING-REGISTERED 045, CARDIOPULMONARY RESUSCITATION RECERTIFICATION 0.2 UNIT					
<i>To provide updated information and skills training in Basic Life Support for healthcare providers.</i>					
Open Entry / Open Exit					
47147	8:00a-5:00p	F	Steckler M	SAC R-203	Full Semester
Concurrent enrollment in Registered Nursing, EMT, Role Transition, or RN Re-entry.					
NURSING-REGISTERED 101, NURSING PROCESS: NON-CRITICAL ADULTS 4.5 UNITS					
<i>Emphasizes nursing process in the care of adult and geriatric patients of diverse cultures with non-critical biological and psychosocial system needs deficits.</i>					
Prerequisite: Concurrent enrollment in Nursing-Registered 101L and completion of admission requirements in Nursing-Registered Nursing Program. Biology 239, Biology 249, Biology 139 or 229, and English 101, English 101H.					
47119	9:00a-11:20a	W	Rehm A	SAC R-307	Full Semester
	1:00p-3:20p	Th	Schroeder B	SAC R-114	
ALL Registered Nursing 101 students are to pay a Kaplan testing and Electronic Health Record documentation access fees. Directions for paying the fees will be explained at the first class meeting.					
47120	5:00p-8:35p	Th	Paunovic M	SAC SJH	07/21-12/08
ALL Registered Nursing 101 students are to pay a Kaplan testing and Electronic Health Record documentation access fees. Directions for paying the fees will be explained at the first class meeting.					
NURSING-REGISTERED 101L, NURSING ACTIONS: NON-CRITICAL ADULTS 5 UNITS					
<i>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.</i>					
Prerequisite: Concurrent enrollment in Nursing-Registered 101 and completion of admission requirements in Nursing-Registered Nursing Program.					
47121	TBA	M Tu	Schroeder B	CAREHOUS	08/22-11/29
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47124 or 47125.					
47122	TBA	M Tu	Rehm A	FRENCH	08/22-11/29
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47124 or 47125.					
47123	TBA	M Tu	Coliflores R	NNR	08/22-11/29
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47124 or 47125.					
W 47124	TBA	Sa Su	Paunovic M	CAREHOUS	07/23-12/03
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47124 or 47125.					
W 47125	TBA	Sa Su	Rehm A	FRENCH	07/23-12/03
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47124 or 47125.					

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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NURSING-REGISTERED 102, NURSING PROCESS: WOMEN, PARENTS, AND CHILDREN 4 UNITS

Emphasizes nursing process of women, parents and children of diverse cultures with biological and psychosocial system needs. Examines community-based nursing concepts. Focuses on growth and development across the life phases, with emphasis on family centered care. Principles of I.V. therapy will also be emphasized.

Prerequisite: Nursing-Registered 101, 101L, 103, 112, concurrent enrollment in 102L.
47126 11:45a-2:05p W Ettinger B SAC R-126 Full Semester
1:30p-3:30p Th Bass S SAC R-307

ALL Registered Nursing 102 students are to pay a Kaplan testing and Electronic Health Record documentation access fees. Directions for paying the fees will be explained at the first class meeting.

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.

47127 TBA M Bass S SJH 08/22-12/05
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 220 clinical hours to be arranged.

47129 TBA M Ettinger B FV 08/22-12/05
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 220 clinical hours to be arranged.

47130 TBA Tu Giroux R WMC 08/23-12/06
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 220 clinical hours to be arranged.

NURSING-REGISTERED 103, PHARMACOLOGICAL CONCEPTS OF NURSING 3 UNITS

Introduction to pharmacology, dosage calculations, drug classifications and application of nursing process to drug administration. Completion required prior to entry into Nursing-Registered 102/102L.

Prerequisite: English 101 or English 101H, Biology 239, Biology 249, Biology 139 or 229.
47851 1:30p-4:40p W Paunovic M SAC R-124 Full Semester

NURSING-REGISTERED 106, 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. Arranged hours of 24.

47853 TBA M Tu W Th F Steckler M SAC R-203 Full Semester
24 hours to be arranged.

47854 12:00p-5:00p Th Steckler M SJH 07/28-12/01
24 hours to be arranged.

NURSING-REGISTERED 112, NURSING CONCEPTS 1.5 UNITS

Emphasizes development of the registered nurse including role, communication, nursing process, legal and ethical concepts, dimensional analysis, test taking strategies, the Santa Ana Conceptual Framework for Nursing, nutrition and medical terminology. Completion required prior to entry into Nursing-Registered 102/102L.

Prerequisite: English 101 or Eng 101H, Biology 149 or Biology 239, Biology 249, Biology 139 or 229.

47145 10:20a-11:45a Th Coliflores R SAC R-126 Full Semester

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.

47146 4:00p-6:05p M W Horgan L SAC R-114 10/17-12/07
Letter of Notification from the Nursing Program is required to register for NRN-200, section 47146.

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.

47131 1:15p-3:20p W Stucken R SAC R-114 Full Semester
1:15p-3:20p Th Nick J SAC A-130

ALL Registered Nursing 201 students are to pay a Kaplan testing and Electronic Health Record documentation access fees. Directions for paying the fees will be explained at the first class meeting.

47132 5:00p-8:20p Th Stucken R SJH 07/21-12/08

ALL Registered Nursing 201 students are to pay a Kaplan testing and Electronic Health Record documentation access fees. Directions for paying the fees will be explained at the first class meeting.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

47133 TBA M Nick J UCI 08/22-12/05
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47137 or 47138.

47134 TBA M Massey B COL 08/22-12/05
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47137 or 47138.

47135 TBA Tu Horgan L SJH 08/23-12/06
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47137 or 47138.

47136 TBA M Horgan L SJH 08/22-12/05
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47137 or 47138.

W 47137 TBA Sa Su Stucken R COL 07/23-12/04
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47137 or 47138.

W 47138 TBA Sa Su Horgan L SJH 07/23-12/04
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 47137 or 47138.

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.

47139 1:30p-4:30p M Hirsch R SAC R-126 08/22-11/10
1:30p-4:30p Th Mixer D SAC R-128

ALL Registered Nursing 202 students are to pay a Kaplan testing and Electronic Health Record documentation access fees. Directions for paying the fees will be explained at the first class meeting.

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.

W 47140 TBA Sa Naraghi A UCI 08/23-12/08
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 256 clinical hours to be arranged.

47141 TBA W Hirsch R MH 08/23-12/08
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 256 clinical hours to be arranged.

47142 TBA Tu Mixer D SJH 08/23-12/08
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 256 clinical hours to be arranged.

47144 TBA Tu Haglund B WMC 08/23-12/08
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 256 clinical hours to be arranged.

NURSING-REGISTERED 206, 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. Arranged hours of 24.

47855 TBA M Tu W Th F Steckler M SAC R-203 Full Semester
24 hours to be arranged.

47856 12:00p-5:00p Th Steckler M SJH 07/28-12/01
24 hours to be arranged

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

50709	9:30a-10:55a	Tu Th	Higgins R	SAC T-212	Full Semester
50715	6:30p-9:40p	Tu	Drozdz 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.

50723	TBA		Higgins R	SAC WEB	Full Semester
Section 50723 online instruction plus mandatory on-campus orientation meeting on Wed, 08/24, 6:30 - 8:30 pm., SAC T-212. Go to www.sac.edu/disted for more information. Email instructor first week of class (higgins_rita@sac.edu)					
50712	9:30a-10:55a	Tu Th	Higgins R	SAC T-212	Full Semester
50718	6:30p-9:40p	Tu	Drozdz A	SAC T-212	Full Semester

OCCUPATIONAL THERAPY ASSISTANT

OCCUPATIONAL THERAPY ASSISTANT 098, HUMAN DISEASE AND OCCUPATION

2 UNITS

This class will explore diseases that are commonly seen in occupational therapy practice and the effect they have on participation in occupation. Each disease will be reviewed in terms of etiology, prognosis, prevention, pathophysiology, medical management, precautions, and lifestyle redesign required as a result of the disease.

Prerequisite: Occupational Therapy Assistant 101.

50784	8:00a-9:05a	Tu Th	Parolise M	SAC T-210	Full Semester
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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.

50785	TBA		Parolise M	SAC WEB	Full Semester
Section 50785: Go to www.sac.edu/disted for more information. Email instructor first week of class (parolise_michelle@sac.edu)					

OCCUPATIONAL THERAPY ASSISTANT 101, FOUNDATIONS OF OCCUPATION AND OCCUPATIONAL THERAPY

4 UNITS

Course defines and explores occupation as it is used to provide the foundation for study of the occupational therapy profession with an overview of past and present practice.

50786	TBA		Reeder S	SAC WEB	Full Semester
Section 50786: Go to www.sac.edu/disted for more information. Email instructor first week of class (reeder_shellie@sac.edu)					

OCCUPATIONAL THERAPY ASSISTANT 101L, EXPLORATION OF OCCUPATION THROUGH ACTIVITY

2.5 UNITS

Clinical experience emphasizing the meaning and variability of occupation through analysis of occupational patterns, task analysis, opportunity to observe teaching and learning of selected populations, and practicing teaching and learning skills.

Prerequisite: English 101 or 101H, and 3 units of Speech Communication (101 or 101H, or 102 or 140 or 145 or 152). Concurrent enrollment in O.T.A. 100, 101 and 111.

50787	6:00p-9:10p	MW	Vu V	SAC T-210	Full Semester
Section 50787 has 2 hours arranged per week					

OCCUPATIONAL THERAPY ASSISTANT 102, PSYCHOSOCIAL FUNCTION AND DYSFUNCTION

4 UNITS

This course will define and explore psychosocial phenomena commonly seen by the Occupational Therapy Assistant and will examine evaluation techniques, functional deficits and methods of treatment.

Prerequisite: OTA 101 and 101L, and concurrent enrollment in OTA 102L.

50788	9:15a-11:20a	Tu Th	Parolise M	SAC T-210	Full Semester
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OCCUPATIONAL THERAPY ASSISTANT 102L, PSYCHOSOCIAL COMPONENTS OF OCCUPATION

2.5 UNITS

This course will explore the occupational therapy assistants' role in conducting assessments and treatment protocols used in pediatric, adolescent, and adult psychosocial settings.

Prerequisite: Occupational Therapy Assistant 100, 101, 101L, and concurrent enrollment in OTA 102.

50789	12:30p-3:40p	Tu Th	Hyman D	SAC T-210	Full Semester
Section 50789 has 2 hours arranged per week					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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OCCUPATIONAL THERAPY ASSISTANT 103, PHYSICAL FUNCTION AND DYSFUNCTION

4 UNITS

Emphasizes the physical components of development, the continuum of function/dysfunction of the client and the role of the O.T.A. in assessment and treatment of commonly seen physical dysfunction diagnosis.

Prerequisite: Occupational Therapy Assistant 102 and 102L and concurrent enrollment in Occupational Therapy Assistant 103L and 201.

50790	TBA		Vu V	SAC WEB	Full Semester
Section 50790: Go to www.sac.edu/disted for more information. Email instructor first week of class (vu_victoria@sac.edu)					

OCCUPATIONAL THERAPY ASSISTANT 103L, PHYSICAL COMPONENTS OF OCCUPATION

2.5 UNITS

Explores the Occupational Therapy Assistant's role in conducting assessments and treatment commonly used by occupational therapists with clients across the life span.

Prerequisite: Occupational Therapy Assistant 102, and 102L and concurrent enrollment in OTA 103 and 201.

50791	6:00p-9:10p	Tu Th	Staff	SAC T-210	Full Semester
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OCCUPATIONAL THERAPY ASSISTANT 110, HUMAN OCCUPATION ACROSS LIFESPAN

3 UNITS

This course will explore human occupation across lifespan with an emphasis on the relationship between human development and occupational choice. Physical, cognitive, psychological, social, and linguistic developmental milestones and changes will be covered from fetal development through old age.

50797	TBA		Parolise M	SAC WEB	Full Semester
Section 50797: Go to www.sac.edu/disted for more information. Email instructor first week of class (parolise_michelle@sac.edu)					

OCCUPATIONAL THERAPY ASSISTANT 201, CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE

4 UNITS

This lecture/lab course explores the multiple roles of the occupational therapy assistant in documentation, service management, professional behaviors, non-traditional roles, and contemporary models of practice.

Prerequisite: Occupational Therapy Assistant 102, and 102L; concurrent enrollment in O.T.A. 103 and 103L.

50792	TBA		Parolise M	SAC WEB	Full Semester
	9:00a-12:00p	Sa	Parolise M	SAC T-210	

Section 50792: Online instruction plus mandatory on-campus laboratory meetings on Sat, Sept. 10, 24, Oct. 8, 15, 22, 29, Nov. 5, 12, 19, Dec. 3 from 9 am - 12 noon, SAC, T-210. Go to www.sac.edu/disted for more information.

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

OCCUPATIONAL THERAPY ASSISTANT 202, LEVEL II FIELDWORK - PART I

6 UNITS

Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply learned knowledge and skills.

Prerequisite: Occupational Therapy Assistant 103, 103L and 201.

50795	TBA		Hyman D	SAC	08/22-10/14
Section 50795 has 40 hours arranged per week					

OCCUPATIONAL THERAPY ASSISTANT 203, LEVEL II FIELDWORK - PART II

6 UNITS

Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply learned knowledge and skills.

Prerequisite: Occupational Therapy Assistant 103, 103L and 201.

50796	TBA		Hyman D	SAC	10/17-12/09
Section 50796 has 40 hours arranged per week					

PARALEGAL

PARALEGAL 100, INTRODUCTION TO PARALEGAL STUDIES

3 UNITS

Study of the legal assistant profession. Duties of a legal assistant, investigation, basic law office organization, court system and research fundamentals. Focus on ethics, terminology, and interviewing with sensitivity toward the diverse cultural mix of our society.

48739	9:00a-10:25a	Tu Th	Manzano F	SAC A-205	Full Semester
48831	9:00a-3:30p	Sa	Lamarra K	SAC A-130	08/27-10/15
48719	7:00p-10:10p	M	Staff	SAC A-210	Full Semester

PARALEGAL 101, LAW OFFICE MANAGEMENT

2 UNITS

Structure and procedures of the law office. Emphasis on organization of filing systems, litigation management, calendaring, tickler systems, indexing and summarizing documents, timekeeping, fees and billing, job search, law office layout.

48847	TBA		Manzano F	SAC WEB	Full Semester
Section 48847 online instruction. Go to www.sac.edu/disted for more information. Check class website at http://rsccd.blackboard.com .					

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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PARALEGAL 105, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL 1 - 4 UNITS

Supervised paid or volunteer experience in student's major including new or expanded responsibilities. One unit of credit for each 5 hours worked per week to a maximum of 4 units for 20 hours work per week each semester. Limitation of 16 units in occupational cooperative education courses. Students must be enrolled in minimum of 7 units.

51648	TBA		De Boer C	SAC WEB	Full Semester
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Section 51648 online instruction. Go to www.sac.edu/disted for more information. Check class website at: <http://rsccd.blackboard.com>.

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

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

48745	11:30a-1:10p	Tu Th	Manzano F	SAC A-205	Full Semester
48753	7:00p-10:10p	Tu	Alexander R	SAC I-107	Full Semester

PARALEGAL 120, COMPUTERS IN THE LAW OFFICE 4 UNITS

Basic computer concepts for law office personnel. The focus will be on current hardware and software used in the law office.

48754	6:00p-10:10p	W	Keck E	SAC A-108	Full Semester
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PARALEGAL 121, ETHICS AND PROFESSIONAL RESPONSIBILITY 2 UNITS

Ethics and professional responsibility for paralegals: fees, client funds, billing, advertising, solicitation, unauthorized practice, deceit, confidentiality; conflict of interest, suppressing evidence, reporting misconduct and professional practice obligations.

48860	TBA		Manzano F	SAC WEB	Full Semester
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Section 48860 online instruction. Go to www.sac.edu/disted for more information. Check class website at <http://rsccd.blackboard.com>.

PARALEGAL 132, FAMILY LAW AND PROCEDURE 2 UNITS

Study of basic substantive law and procedures in family law area: Court procedures for divorce, annulment, temporary and permanent support, restraining orders, division of community property, and child custody procedures including adoption and paternity actions.

48814	6:00p-10:10p	Th	Staff	SAC A-205	08/25-10/13
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PARALEGAL 137, TORT AND INSURANCE LAW 2 UNITS

Intentional torts, negligence, strict liability, product liability, damages, immunity, defenses to torts. Principles of insurance law, and procedures for the investigation of personal injury cases.

48817	9:00a-11:10a	W	Manzano F	SAC A-205	Full Semester
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PARALEGAL 140, IMMIGRATION LAW AND PROCEDURE 2 UNITS

Basic study of Immigration Law in the United States with focus on preparation of those forms used by immigrants to secure benefits. Computerized preparation of forms and procedures for filing with INS will be emphasized. Marketing procedures for paralegals involved in Immigration Law will be analyzed, and ethical considerations to avoid the illegal practice of law will be covered.

48820	6:00p-10:10p	Th	Tran A	SAC A-205	10/20-12/08
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PARALEGAL 145, CIVIL LITIGATION OVERVIEW 4 UNITS

Overview of California procedures from acceptance of a case through trial. Planning litigation, motions, discovery and trial preparation. Preparation of pleadings. Overview of California discovery rules, preparation of discovery documents and responses.

48823	8:00a-12:10p	M	Pollinger B	SAC A-205	Full Semester
48824	6:00p-10:10p	Tu	Pollinger B	SAC A-205	Full Semester

PARALEGAL 147, INTERNATIONAL COMMERCIAL AGREEMENTS AND DISTRIBUTION LAW 1 UNIT

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

50932	6:00p-10:00p	Th	Shippey K	SAC A-203	08/25-09/15
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PARALEGAL 148, INTERNATIONAL INTELLECTUAL PROPERTY LAW 1 UNIT

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

50934	6:00p-10:00p	Th	Shippey K	SAC A-203	09/22-10/13
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PARALEGAL 149, THE LAW OF GLOBAL COMMERCE 1 UNIT

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

50936	6:00p-10:00p	Th	Shippey K	SAC A-203	10/20-11/10
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PARALEGAL 198, COMPLEX LITIGATION AND CONSTRUCTION DEFECT 3 UNITS

The role of the paralegal in complex litigation and construction defect litigation. Prerequisite: Paralegal 100 with a minimum grade of C. May be concurrently enrolled in Paralegal 100.

50921	9:00a-4:30p	Sa	Lamarra K	SAC A-130	10/22-12/10
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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PARALEGAL 246, LEGAL RESEARCH AND ANALYSIS 4 UNITS

Principles of research, analysis, and techniques for the Paralegal. Must be familiar with Civil Procedure.

48826	7:00p-10:10p	M	Rients D	SAC A-205	Full Semester
	7:00p-10:10p	W	Rients D	OCLL	

PARALEGAL 248, ADVANCED RESEARCH AND WRITING 3 UNITS

Advanced projects in legal research and writing Emphasis on legal form and style.

48827	6:30p-9:40p	M	Shelley G	DMC-203	Full Semester
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PARALEGAL 299, COOPERATIVE WORK EXPERIENCE EDUCATION 1 - 4 UNITS

Supervised volunteer or employment experience and study related to Paralegal major including new and expanded responsibilities. One unit of credit for each 5 hours worked per week to a maximum of 4 units for 20 hours per week each semester. Limitation of 8 units in Paralegal Cooperative Education courses. Must enroll in minimum 7 units.

51649	TBA		De Boer C	SAC WEB	Full Semester
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Section 51649 online instruction. Go to www.sac.edu/disted for more information. Check class website at: <http://rsccd.blackboard.com>.

PHARMACY TECHNOLOGY

PHARMACY TECHNOLOGY 048, INTRODUCTION TO PHARMACY TECHNOLOGY 2 UNITS

Overview of the SAC Pharmacy Technician training program. Definition of the roles and preview of the opportunities open to pharmacy technicians in various practice settings. Presentation of pharmaceutical dosage forms, drug development processes, and drug classification systems. Introduction to prescription labeling and to the law and ethics of pharmacy practice.

50949	TBA		Ross Jr J	SAC HYBRID	Full Semester
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8:00a-10:05a Sa SAC H-201
Section 50949 combines online and in-class instruction. Class will meet on campus every other Sat, beginning Aug 28, from 8-10:05 am, SAC H-201. Go to www.sac.edu/disted for more information. Email instructor first week of class (rossjr_john@sac.edu)

50945	9:00a-11:05a	Tu	Ross Jr J	SAC H-210	Full Semester
50947	6:00p-8:05p	Tu	Phi C	SAC H-210	Full Semester

PHARMACY TECHNOLOGY 052, BODY SYSTEMS II 3.5 UNITS

Anatomy, physiology, pathology, and pharmacology of the integumentary, endocrine, gastrointestinal, and nervous systems. Basic terminology, with emphasis on word analysis and construction, medical abbreviations, and lay terms.

50955	TBA		Nguyen H	SAC HYBRID	Full Semester
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6:00p-9:45p M SAC H-205
Section 50955 combines online and in-class instruction. Class will meet on campus every other Mon, beginning Aug. 22 from 6-9:45pm, SAC H-205. Go to www.sac.edu/disted for more information. Email instructor first week of class (nguyen_hieu@sac.edu)

50952	9:00a-12:45p	Th	Nguyen H	SAC H-210	Full Semester
50954	9:00a-12:45p	F	Ross Jr J	SAC H-210	Full Semester
50953	6:00p-9:45p	Th	Nguyen H	SAC H-210	Full Semester

PHARMACY TECHNOLOGY 054, PHARMACY CALCULATIONS 2 UNITS

Calculations related to drug dosage, measurements of strength, and preparation of medications. Includes interconversion of units in the metric and common systems of measurement. Emphasis on unit-cancellation for solving pharmacy situation problems. Strong verbal component.

50958	TBA		Ross Jr J	SAC HYBRID	Full Semester
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10:15a-12:20p Sa SAC H-201
Section 50958 combines online and in-class instruction. Class will meet on campus every other Sat beginning Aug 27 from 10:15am - 12:20pm, SAC H-201. Go to www.sac.edu/disted for more information. Email instructor first week of class (rossjr_john@sac.edu)

50956	11:15a-1:20p	Tu	Ross Jr J	SAC H-210	Full Semester
50957	8:15p-10:20p	Tu	Phi C	SAC H-210	Full Semester

PHARMACY TECHNOLOGY 056, PHARMACY OPERATIONS 4.5 UNITS

Hands-on training in customer service, inventory control, compounding, packaging, record-keeping, and drug distribution in the outpatient pharmacy setting. Includes prescription lab simulations and use of computers.

Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with grade of C or better, 30 wpm typing.

50959	6:00p-10:20p	M W	Ross Jr J	SAC H-210	Full Semester
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PHARMACY TECHNOLOGY 060, STERILE PRODUCTS 4.5 UNITS

Application of aseptic techniques and use of the laminar flow hood in the preparation of sterile products. Emphasis on parenteral calculations, sterile dosage forms, and quality assurance procedures. Includes the pharmacology of antimicrobial and antineoplastic drugs.

Prerequisite: Pharmacy Technology 048, 054, AND 051 OR 052 with a grade of C or better, 30 wpm typing.

50960	9:00a-1:00p	M W	Huynh-Dang K	SAC H-210	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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PHARMACY TECHNOLOGY 061, PHARMACY TECHNOLOGY SKILLS LAB 0.5 UNIT

Supervised use of the Pharmacy Technology lab to assist the student in developing competency in the technical skills required to successfully complete the Pharmacy Operations, Inpatient Pharmacy Services, Sterile Products, Pharmacy Technology Externship, and/or Sterile Products Review courses. Lab hours verified by sign-in.

Open Entry / Open Exit					
50963	9:00a-12:00p	Sa	Nguyen N	SAC H-210	Full Semester
50961	1:30p-4:30p	M	Nguyen N	SAC H-210	Full Semester
50962	1:30p-4:30p	W	Nguyen N	SAC H-210	Full Semester
51688	1:30p-4:30p	MW	Nguyen N	SAC H-210	Full Semester
	9:00a-12:00p	Sa	Nguyen N	SAC H-210	

PHARMACY TECHNOLOGY 072, PHARMACY TECHNOLOGY EXTERNSHIP 0.5 - 4 UNITS

On-site training in three pharmacy practice settings. Students must complete the related lab course prior to placement in a specific rotation: PHAR 056 for outpatient, Pharmacy 057 for inpatient, Pharmacy 060 for sterile products. Students must pass the trade-generic test prior to placement. Some sites require additional screening. Completion of all three rotations (320 hours) required for the advanced certificate.

Prerequisite: Completion of Pharmacy Technology 056 and 057 for retail and inpatient rotations, 056 for the retail rotation, 060 for the sterile products rotation, with a grade of C or better; current TB clearance; Speech Communication 097, 101, 101H or 102.

Open Entry / Open Exit					
50967	TBA		Huynh-Dang K	SAC H-210	08/22-01/01

PHARMACY TECHNOLOGY 080, PHARMACY CALCULATIONS REVIEW 2 UNITS

Review of calculations related to drug dosage, measurements of strength, and preparations of medications. Includes interconversion of units in the metric and common systems of measurements. Emphasis on unit-cancellation for solving pharmacy situation problems.

Prerequisite: Pharmacy Technology 054.					
50964	11:15a-1:20p	Tu	Ross Jr J	SAC H-210	Full Semester
50965	8:15p-10:20p	Tu	Phi C	SAC H-210	Full Semester

PHARMACY TECHNOLOGY 084, STERILE PRODUCTS UPDATE 4.5 UNITS

Update of aseptic techniques and use of the laminar flow hood in the preparation of sterile products. Emphasis on parenteral calculations, sterile dosage forms, and quality assurance procedures. Includes the pharmacology of antimicrobial and antineoplastic drugs.

Prerequisite: Pharmacy Technology 060 with grade of C or better.					
50966	9:00a-1:20p	MW	Huynh-Dang K	SAC H-210	Full Semester

PHILOSOPHY

PHILOSOPHY 106, INTRODUCTION TO PHILOSOPHY 3 UNITS

A survey of historical and contemporary ideas on how to live the good life.

47267	8:00a-9:25a	MW	Shigematsu T	SAC D-105	Full Semester
47272	8:00a-9:25a	Tu Th	Shigematsu T	SAC D-105	Full Semester
47262	9:45a-11:10a	MW	Fish Z	SAC D-102	Full Semester
47268	7:00p-10:10p	Tu	Redoutey M	SAC D-105	Full Semester
47271	7:00p-10:10p	Th	Krogfoss W	SAC I-208	Full Semester

PHILOSOPHY 106H, HONORS INTRODUCTION TO PHILOSOPHY 3 UNITS

An enriched approach designed for honors students. A survey of historical and contemporary ideas on how to live the good life.

47275	9:45a-11:10a	Tu Th	Shigematsu T	SAC D-105	Full Semester
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PHILOSOPHY 108, ETHICS 3 UNITS

Introduction to key historical and modern theories of philosophical ethics and the application of these theories to ethical issues facing society today. Assists in clarifying our thinking about morality/ethics. Course increases awareness of values in personal and contemporary issues.

47282	7:00p-10:10p	W	Fish Z	SAC D-105	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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PHILOSOPHY 110, CRITICAL THINKING 4 UNITS

College-level critical thinking and writing. Promotes self-awareness, independent thinking, and improved academic expression. Examines philosophical methods of reasoning and composition, and the uses of informal logic and criticism in personal life, college, work, and democratic society.

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

48276	TBA		Fish Z	SAC HYBRID	Full Semester
	5:00p-6:50p	M		SAC D-105	

Section 48276 combines online instruction plus mandatory on campus meetings on Mondays 8/22, 9/19, 10/24, 11/28 at 5:00-6:50pm in room D-105. Go to www.sac.edu/disted for more information.

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

47279	8:00a-10:05a	Tu Th	Fish Z	SAC A-224	Full Semester
47278	9:45a-11:50a	MW	Shigematsu T	SAC D-105	Full Semester
47276	11:30a-1:35p	Tu Th	Fish Z	SAC D-109	Full Semester

PHILOSOPHY 111, INTRODUCTORY LOGIC 4 UNITS

Beginning course in formal and applied logic. Covers cognitive language, formal argument, proof, basic propositional and predicate logic, and philosophy of logic. Emphasizes active student involvement and practical application to college life.

47280	12:00p-2:05p	MW	Fish Z	SAC A-206	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.

47281	11:30a-12:55p	Tu Th	Shigematsu T	SAC D-105	Full Semester
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PHOTOGRAPHY

PHOTOGRAPHY 009, PHOTOGRAPHY LAB 0.5 UNIT

Sign-in/out supervised laboratory. Work on assignments from other photography courses or on independent projects. Completion of new and more advanced assignments each semester. Accumulation of 24 hours earn 0.5 unit. Requires concurrent enrollment in a photography course.

Open Entry / Open Exit

Material Fee(s): \$15

49446	3:00p-4:50p	Tu	Lanoue M	SAC R-303	Full Semester
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PHOTOGRAPHY 180, BEGINNING PHOTOGRAPHY 3 UNITS

A beginning black and white photography course including cameras, exposure meters, film, lighting, darkroom printing, digital process and print presentation. The student will develop aesthetic knowledge and technical skills of photography. An adjustable film camera is required.

Material Fee(s): \$15

49484	8:30a-9:25a	Tu Th	Miller R	DMC-104	Full Semester
	9:30a-11:00a	Tu Th	Miller R	DMC-104	
49488	12:00p-12:55p	Tu Th	Miller R	DMC-104	Full Semester
	1:00p-2:30p	Tu Th	Miller R	DMC-104	

PHOTOGRAPHY 190, INTRODUCTION TO DIGITAL PHOTOGRAPHY 3 UNITS

Introduction to digital photography. Exploration of digital photography capabilities and uses of the "digital darkroom". Students will learn scanning, digital printing technologies and produce both color and black and white digital images. Adjustable digital camera is required. May be repeated.

Prerequisite: Photography 180.

Material Fee(s): \$15

49521	3:00p-3:55p	MW	Miller R	SAC A-219	Full Semester
	4:00p-5:35p	MW	Miller R	SAC A-219	

PHOTOGRAPHY 191, INTERMEDIATE DIGITAL PHOTOGRAPHY 3 UNITS

An intermediate course in the techniques and skills of electronic and digital/computer technologies in photography. Includes advanced scanning, printing, and digital camera techniques. Exploration and experimentation of digital imaging. An adjustable digital camera is required.

Prerequisite: Photography 190.

Material Fee(s): \$15

49538	3:00p-3:55p	MW	Miller R	SAC A-219	Full Semester
	4:00p-5:35p	MW	Miller R	SAC A-219	

Be connected – stay connected
Keep up to date on campus news.
Connect with friends on campus.

Become a Facebook Fan



<http://www.facebook.com/SantaAnaCollege>

Follow SAC on Twitter
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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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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

52700	5:00p-6:55p	Tu	Lanoue M	SAC R-303	Full Semester
	7:00p-10:05p	Tu	Lanoue M	SAC R-303	

PHYSICAL SCIENCE

PHYSICAL SCIENCE 115, CONCEPTS IN PHYSICAL SCIENCES FOR EDUCATORS **4 UNITS**

An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. Designed for non-science majors, concepts are introduced in lab through inquiry and further developed during discussion. Completion of Math N48 is recommended.

48356	9:30a-12:40p	M	Jenkins C	SAC R-309	Full Semester
	9:30a-12:40p	W	Jenkins C	SAC R-309	

PHYSICAL SCIENCE 117, PHYSICAL SCIENCE SURVEY **3 UNITS**

Introduction to the methods of science and concepts relating to mechanics, states of matter, waves, heat, electricity, light, atomic structure and chemical reactions. May include topics from Earth and space science. Emphasis is on basic principles, relationships, and applications to modern civilization. This course is open to all majors. Concurrent enrollment in Physical Science 118 is highly recommended.

48359	11:00a-12:25p	MW	Raoufi A	SAC R-318	Full Semester
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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.

48361	1:45p-4:55p	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.

48352	11:00a-12:25p	MW	Raoufi A	SAC R-318	Full Semester
	1:45p-4:55p	M	Raoufi A	SAC R-328	

PHYSICS 210, PRINCIPLES OF PHYSICS I **4 UNITS**

A calculus-based physics course designed for students majoring in the life sciences, pre-medicine, and related disciplines. Topics include classical mechanics, wave motion, and thermodynamics.

Prerequisite: Mathematics 180/180H with a grade of C or better.

48210	7:00p-10:10p	Tu	Budarz T	SAC R-126	Full Semester
	7:30p-10:40p	Th	De Santos G	SAC R-328	
48208	7:00p-10:10p	Tu	Budarz T	SAC R-126	Full Semester
	4:15p-7:25p	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 with a grade of C or better.

48365	11:30a-12:55p	Tu Th	Budarz T	SAC I-204	Full Semester
	8:00a-10:05a	M	Budarz T	SAC R-328	
	10:15a-11:10a	M	Budarz T	SAC R-328	

PHYSICS 227, ENGINEERING PHYSICS II **4 UNITS**

Introduces the basic principles of electricity and magnetism. The main topics are electrostatics, circuits, magnetism, electro-magnetic induction, and Maxwell's equations. This course is designed for students majoring in physical sciences and engineering.

Prerequisite: Physics 217 and Mathematics 185 both with grade of C or better.

48367	9:30a-10:55a	Tu Th	Budarz T	SAC I-204	Full Semester
	8:00a-10:05a	W	Budarz T	SAC R-328	
	10:15a-11:10a	W	Budarz T	SAC R-328	

PHYSICS 279, COLLEGE PHYSICS I **4 UNITS**

A trigonometry-based physics course. Topics include: mechanics, thermodynamics, fluids, oscillatory motion, and sound.

Prerequisite: Mathematics 160 with a grade of C or better.

48211	7:00p-10:10p	Tu	Budarz T	SAC R-126	Full Semester
	7:30p-10:40p	Th	De Santos G	SAC R-328	
48209	7:00p-10:10p	Tu	Budarz T	SAC R-126	Full Semester
	4:15p-7:25p	Th	Budarz T	SAC R-328	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

H 47508	TBA		Murphy T	SAC HYBRID	Full Semester
	10:00a-11:30a	Sa		SAC D-102	

Section 47508 combines online instruction plus mandatory on campus meetings on Saturdays 8/27, 10/15, 12/3 from 10:00-11:30am in SAC D-102. Go to www.sac.edu/disted for more information. Email instructor first week of class (murphy_tim@sac.edu).

47189	8:00a-9:25a	Tu Th	Valenzuela E	SAC D-303	Full Semester
47169	8:00a-9:25a	Tu Th	Murphy T	SAC D-101	Full Semester
47182	8:00a-9:25a	MW	Petri M	SAC I-208	Full Semester
47183	8:00a-9:25a	MW	Murphy T	SAC D-106	Full Semester
47509	8:00a-9:25a	Tu Th	Andrade P	SAC I-101	Full Semester
47128	8:00a-9:25a	MW	Andrade P	SAC D-101	Full Semester
W 47178	9:00a-12:10p	Sa	Chervenak T	SAC A-210	Full Semester
47179	9:45a-11:10a	Tu Th	Valenzuela E	SAC D-101	Full Semester
47510	9:45a-11:10a	Tu Th	Andrade P	SAC I-207	Full Semester
47176	9:45a-11:10a	MW	Murphy T	SAC D-106	Full Semester
47505	11:30a-12:55p	Tu Th	Murphy T	SAC D-106	Full Semester
47180	11:30a-12:55p	MW	Murphy T	SAC D-106	Full Semester
47181	1:15p-2:40p	Tu Th	Andrade P	SAC D-101	Full Semester
47188	2:30p-3:55p	MW	Petri M	SAC D-101	Full Semester
47506	5:30p-6:55p	Tu Th	Becker C	SAC D-106	Full Semester
47507	7:00p-10:10p	Tu	Becker C	SAC D-101	Full Semester
47504	7:00p-10:10p	Th	Becker C	SAC D-101	Full Semester
47190	7:00p-10:10p	M	Andrade P	SAC I-104	Full Semester
47187	7:00p-10:10p	W	Chervenak T	SAC D-303	Full Semester

POLITICAL SCIENCE 101H, HONORS INTRODUCTION TO AMERICAN GOVERNMENTS **3 UNITS**

A student-oriented exploration of the historical and contemporary principles of American government. Study groups and individual computer-based research focus on basic political concepts of American national and state governments. Satisfies graduation requirement for American Institutions and state requirements for California state government.

47511	9:45a-11:10a	MW	Andrade P	SAC D-434	Full Semester
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POLITICAL SCIENCE 201, INTRODUCTION TO COMPARATIVE POLITICS **3 UNITS**

A study of the histories, political cultures, and governmental arrangements of various nations and regions around the world. Comparative study is made of the "First World" or industrialized democracies, the "Second World" or former and current communist countries, and the "Third World" developing, and "Fourth World" non-developing countries.

47512	9:45a-11:10a	Tu Th	Murphy T	SAC D-103	Full Semester
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PSYCHOLOGY

PSYCHOLOGY 100, INTRODUCTION TO PSYCHOLOGY **3 UNITS**

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

47548	TBA		Barbari N	SAC TV	Full Semester
47522	8:00a-9:25a	MW	Barbari N	SAC A-130	Full Semester
47533	8:00a-9:25a	Tu Th	Pedroza J	SAC D-434	Full Semester
47532	8:00a-9:25a	MW	Castillo R	SAC D-434	Full Semester
W 47527	9:00a-12:10p	Sa	Keo-Trang Z	SAC I-108	Full Semester
47531	9:00a-12:10p	F	Pedroza J	SAC D-434	Full Semester
47523	9:45a-11:10a	MW	Ortiz F	SAC D-101	Full Semester
47520	9:45a-11:10a	Tu Th	Ortiz F	SAC D-106	Full Semester

Section 47520 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 47491 and English 101, Freshman Composition, Section 47323. Enrollment in all sections is mandatory. See the Freshman Experience Program page at the class schedule for more information.

47521	9:45a-11:10a	Tu Th	Ortiz F	SAC D-106	Full Semester
47534	9:45a-11:10a	MW	Pedroza J	SAC D-214	Full Semester
47528	11:30a-12:55p	Tu Th	Ortiz F	SAC D-103	Full Semester
47547	11:30a-12:55p	MW	Castillo R	SAC D-204	Full Semester
47526	11:30a-12:55p	Tu Th	Pedroza J	SAC D-101	Full Semester
47525	11:30a-12:55p	MW	Pedroza J	SAC D-101	Full Semester
Section 47525 is designed to focus on Asian-American issues. Open to all students.					
47529	1:00p-2:25p	Tu Th	Reagan E	SAC A-210	Full Semester
47535	1:15p-2:40p	MW	Castillo R	SAC D-106	Full Semester
47549	2:00p-5:10p	MW	Larson M	SAC D-434	10/17-12/07
47536	7:00p-10:10p	W	Barbari N	SAC D-305	Full Semester
47530	7:00p-10:10p	M	Keo-Trang Z	SAC D-434	Full Semester
47524	7:00p-10:10p	Tu	Beck K	SAC D-106	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

47550	6:00p-9:10p	W	Larson M	SAC D-304	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.)

47551	7:00p-10:10p	Th	Castillo R	SAC D-434	Full Semester
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PSYCHOLOGY 170, MULTICULTURAL PSYCHOLOGY 3 UNITS

Introduces students to important issues related to cultural diversity in the field of psychology. Major areas of psychology will be explored from a multicultural perspective, including research, mental health, social psychology, and identity development. Exploration of historically underrepresented populations in the U.S. will be emphasized.

47553	11:30a-12:55p	M W	Ortiz F	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 including: sound and ethical experimental design, analysis of variables contributing to experimental results, data treatment, and communicating findings.

Prerequisite: Social Science 219 or Mathematics 219 (may be taken concurrently) and Psychology 100.

49944	12:00p-12:50p	Tu Th	Castillo R	SAC D-434	Full Semester
	1:15p-4:25p	Th	Castillo R	SAC D-434	
49943	12:00p-12:50p	Tu Th	Castillo R	SAC D-434	Full Semester
	1:15p-4:25p	Tu	Castillo R	SAC D-434	

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.

47556	9:45a-11:10a	Tu Th	Pedroza J	SAC D-434	Full Semester
47555	7:00p-10:10p	Th	Beck K	SAC D-106	Full Semester

READING

READING N49A, READING FOR NON-NATIVE SPEAKERS OF ENGLISH - PART I 3 UNITS

A beginning academic reading course for students who have had some exposure to English. Development of vocabulary, word attack skills, spelling, reading strategies, and reading comprehension. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections). Not applicable to associate degree. This class is recommended for students enrolled in ESL N40B and ESL N49.

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

48142	1:15p-2:40p	Tu Th	Kossler W	SAC D-307-1	Full Semester
48143	5:30p-6:55p	M W	Kossler W	SAC D-309	Full Semester

READING N49B, READING FOR NON-NATIVE SPEAKERS OF ENGLISH - PART I 3 UNITS

Continued development of vocabulary, word attack skills, spelling, reading strategies, and reading comprehension for non-native speakers of English. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections). Not applicable to associate degree. This class is recommended for students who need more practice at this level. Grade: Pass/No Pass Only.

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

48146	1:15p-2:40p	Tu Th	Kossler W	SAC D-307-1	Full Semester
47963	5:30p-6:55p	M W	Kossler W	SAC D-309	Full Semester

READING N50A, READING FOR NON-NATIVE SPEAKERS OF ENGLISH - PART II 3 UNITS

An expanded focus on reading for non-native speakers of English. Continued development of vocabulary, word attack skills, spelling, reading strategies, and reading comprehension. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections). Not applicable to associate degree. Grade: CR/NCR only. This class is recommended for students who have taken Reading N49A or Reading N49B.

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

47964	1:15p-2:40p	M W	Kossler W	SAC D-307-1	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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Build your skills in Basic Math, Reading, English and ESL – on your own time!!

The Success Center
Library Building, Room L-206

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

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

READING N50B, READING FOR NON-NATIVE SPEAKERS OF ENGLISH - PART II 3 UNITS

Continued expansion of reading skills for non-native speakers of English, with a focus on vocabulary development, word attack skills, spelling, reading strategies, and reading comprehension. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections). Not applicable to associate degree. Grade: CR/NCR only. This class is recommended for students who need more practice at this level.

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

47965	1:15p-2:40p	M W	Kossler W	SAC D-307-1	Full Semester
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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.

47969	8:00a-9:25a	Tu Th	Colunga M	SAC D-307-1	Full Semester
47977	8:00a-9:25a	Tu Th	Madison M	SAC D-212	Full Semester
47967	9:45a-11:10a	Tu Th	Kossler W	SAC D-205	Full Semester
47968	9:45a-11:10a	M W	Colunga M	SAC D-307-1	Full Semester
47971	11:15a-12:40p	Tu Th	Simmons K	SAC I-107	Full Semester
47972	11:30a-12:55p	Tu Th	Kossler W	SAC D-309	Full Semester
47974	11:30a-12:55p	M W	Colunga M	SAC D-307-1	Full Semester
47973	1:00p-2:25p	M W	Simmons K	SAC D-309	Full Semester
47975	1:00p-2:25p	Tu Th	Colunga M	SAC I-207	Full Semester
47970	5:30p-6:55p	Tu Th	Madison M	SAC D-309	Full Semester

READING N80B, FUNDAMENTALS OF READING 3 UNITS

Continued instruction in basic reading skills including techniques for improving vocabulary and spelling, word attack skills, and reading comprehension. Not applicable to associate degree.

Prerequisite: Reading N80A.

47980	8:00a-9:25a	Tu Th	Colunga M	SAC D-307-1	Full Semester
48014	8:00a-9:25a	Tu Th	Madison M	SAC D-212	Full Semester
47978	9:45a-11:10a	Tu Th	Kossler W	SAC D-205	Full Semester
47979	9:45a-11:10a	M W	Colunga M	SAC D-307-1	Full Semester
47982	11:15a-12:40p	Tu Th	Simmons K	SAC I-107	Full Semester
47983	11:30a-12:55p	Tu Th	Kossler W	SAC D-309	Full Semester
47985	11:30a-12:55p	M W	Colunga M	SAC D-307-1	Full Semester
47984	1:00p-2:25p	M W	Simmons K	SAC D-309	Full Semester
47986	1:00p-2:25p	Tu Th	Colunga M	SAC I-207	Full Semester
47981	5:30p-6:55p	Tu Th	Madison M	SAC D-309	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.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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READING N90A, INDIVIDUALIZED READING

3 UNITS

Individualized instruction in vocabulary, comprehension, critical evaluation and reading rate. Grade: P/NP only. 16 additional hours in Reading Lab required (one hour per week for 16-week semester sections).

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

47991	8:00a-9:25a	Tu Th	Gilreath G	SAC D-309	Full Semester
47990	9:45a-11:10a	Tu Th	Gilreath G	SAC D-309	Full Semester
47989	9:45a-11:10a	M W	Gilreath G	SAC D-309	Full Semester
47994	11:30a-12:55p	M W	Gilreath G	SAC D-309	Full Semester
47992	7:00p-10:10p	W	Hidalgo A	SAC D-309	Full Semester

READING N90B, INDIVIDUALIZED READING

3 UNITS

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

Prerequisite: Reading N90A.

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

48008	8:00a-9:25a	Tu Th	Gilreath G	SAC D-309	Full Semester
48006	9:45a-11:10a	M W	Gilreath G	SAC D-309	Full Semester
48007	9:45a-11:10a	Tu Th	Gilreath G	SAC D-309	Full Semester
48005	11:30a-12:55p	M W	Gilreath G	SAC D-309	Full Semester
48003	7:00p-10:10p	W	Hidalgo A	SAC D-309	Full Semester

READING 102, ACADEMIC READING

3 UNITS

Introduces a repertoire of reading strategies aimed at preparing students for comprehension of complex college-level reading material. Advanced reading strategies provide the foundation for the development of critical reading and the recognition of patterns of academic thought. Reading strategies for specific disciplines, including the Social Sciences, Business, Humanities and the Arts, Mathematics and the Natural Sciences are presented. Completion of or concurrent enrollment in English 061 recommended.

48139	8:00a-9:25a	M W	Colunga M	SAC D-307-1	Full Semester
48138	1:00p-4:10p	Th	Colunga M	SAC D-211	Full Semester

READING 150, CRITICAL READING

3 UNITS

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

48140	8:00a-9:25a	M W	Gilreath G	SAC D-309	Full Semester
49821	1:15p-2:40p	Tu Th	Gilreath G	SAC D-309	Full Semester

SIGN LANGUAGE

SIGN LANGUAGE 110, AMERICAN SIGN LANGUAGE I

3 UNITS

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

50348	9:30a-10:55a	M W	Yingst S	SAC I-201	Full Semester
50349	9:30a-10:55a	Tu Th	Collins M	SAC I-201	Full Semester
50271	11:00a-12:25p	Tu Th	Yingst S	SAC I-201	Full Semester
50268	6:30p-9:40p	W	Ascherman J	SAC I-201	Full Semester
50269	7:00p-10:10p	Th	Ascherman J	SAC I-102	Full Semester

SIGN LANGUAGE 111, AMERICAN SIGN LANGUAGE II

3 UNITS

The second course in the study of American Sign Language (ASL) focuses on vocabulary development, comprehension skills, grammatical structures and practice in the receptive and expressive aspects of ASL, as well as continued exposure to American Deaf culture. It is designed for the student or professional interested in working and interacting with the Deaf community.

Prerequisite: Sign Language 110.

50347	11:00a-12:25p	M W	Yingst S	SAC I-201	Full Semester
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SIGN LANGUAGE 112, AMERICAN SIGN LANGUAGE III

3 UNITS

The third course in the study of American Sign Language (ASL) emphasizes ASL syntax, facial grammar, vocabulary, and fingerspelling enabling students to participate in more complex conversations with Deaf community members. This course enhances students' receptive and expressive skills in ASL. It is designed for the student or professional interested in working and/or interacting with the Deaf community.

Prerequisite: Sign Language 111.

50281	5:00p-6:25p	TuTh	Yingst J	SAC I-102	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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SOCIAL SCIENCE

SOCIAL SCIENCE 219, STATISTICS AND PROBABILITY

4 UNITS

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

Prerequisite: Mathematics 080/081 or 140 with a grade of C or better or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080/081 or 140.

48914	7:30a-10:00a	M W	Nguyen D	SAC H-108	Full Semester
49005	8:00a-1:20p	Sa	Bui M	SAC A-215	Full Semester
49001	9:15a-11:45a	Tu Th	Mc Clure C	SAC H-108	Full Semester
48931	1:00p-3:30p	M W	Ortiz F	SAC H-108	Full Semester
48939	2:15p-4:45p	Tu Th	Anthony M	SAC H-108	Full Semester
49003	5:00p-7:30p	M W	Bowers C	SAC H-108	Full Semester
48928	7:15p-9:45p	Tu Th	Pham T	SAC H-108	Full Semester

SOCIAL SCIENCE 219H, HONORS STATISTICS AND PROBABILITY

4 UNITS

Enhanced format for the beginning course in statistics and probability, using a seminar approach, computers, individual research, and presentations. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics, with applications designed around the individual interests of students. (Same as Mathematics 219H.)

Prerequisite: Mathematics 080/081 with a grade of C or better (OR placement into Mathematics 219 on the Mathematics Level 3 placement exam AND a course equivalent to Mathematics 080/081) AND a high school or college GPA or 3.0 or above.

50351	12:45p-3:15p	Tu Th	Mc Clure C	SAC A-215	Full Semester
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SOCIOLOGY

SOCIOLOGY 100, INTRODUCTION TO SOCIOLOGY

3 UNITS

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

47710	TBA		Rogers N	SAC TV	Full Semester
Section 47710 Telecourse instruction plus optional on-campus orientation: Sat, 8/27, 9:00-10:00am SAC R-126 OR Tue, 8/30, 5:00-6:00pm, SAC D-101. Go to www.sac.edu/disted for more information.					
47705	8:00a-9:25a	Tu Th	Wood S	SAC D-401	Full Semester
47703	9:45a-11:10a	M W	Staff	SAC D-304	Full Semester
47706	11:30a-12:55p	Tu Th	Staff	SAC I-202	Full Semester
47709	11:30a-12:55p	Tu Th	Wood S	SAC D-304	Full Semester
47708	7:00p-10:10p	Th	Staff	SAC B-19	Full Semester
47707	7:00p-10:10p	W	Staff	SAC I-107	Full Semester

SOCIOLOGY 112, RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS

3 UNITS

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

47711	TBA		Wood S	SAC WEB	Full Semester
47712	TBA		Rogers N	SAC TV	Full Semester
Section 47712 Telecourse instruction plus optional on-campus orientation: Sat, 8/27, 10:00-11:00am SAC R-126 OR Tue, 8/30, 6:00-7:00pm, SAC D-101. Go to www.sac.edu/disted for more information.					

SOCIOLOGY 140, ANALYSIS OF SOCIAL TRENDS AND PROBLEMS

3 UNITS

An extensive survey of contemporary social trends and problems through sociological analysis concentrating on their causes, complexities, consequences, and possible solutions. Special emphasis will be placed on the problems in the U.S., with consideration of the global perspective.

47714	9:45a-11:10a	Tu Th	Staff	SAC D-109	Full Semester
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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 to Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 101 is equivalent to 2 years of high school Spanish. Sixteen additional hours in the Modern Language Lab required. (One hour per week for 16-week semester sections and two hours per week for 8-week summer sessions).

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

H 47720	TBA 4:30p-6:50p M		Guerrero-Phlaum M	SAC HYBRID SAC D-304	Full Semester
Section 47720 combines online and 5 mandatory on-campus meetings on Mon, 8/22, 9/12, 10/3, 10/31 and 11/28 from 4:30-6:50pm, SAC D-304. Class will use "Puntos de Partida" Go to www.sac.edu/disted for more information. Email instructor first week of class. (guerrero_martha@sac.edu).					
47722	8:00a-10:30a M W		Lopez-Jaurequi L	SAC I-201	Full Semester
Section 47722 is designed for Spanish speakers. Open to all students.					
47721	8:00a-10:30a M W		Guerrero-Phlaum M	SAC D-303	Full Semester
47717	10:45a-1:15p M W		Galvan J	SAC D-303	Full Semester
47716	10:45a-1:15p Tu Th		Guerrero-Phlaum M	SAC D-305	Full Semester
47719	10:45a-1:15p Tu Th		Lopez-Jaurequi L	SAC D-303	Full Semester
Section 47719 is designed for Spanish speakers. Open to all students.					
47718	7:00p-9:30p Tu Th		Molina Cesario L	SAC I-109	Full Semester
Section 47718 is designed for Spanish speakers. Open to all students.					

SPANISH 102, ELEMENTARY SPANISH II

5 UNITS

A college level Spanish class focusing on further training in language skills providing avenues for the expression of ideas orally and in writing. Additional study of Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 102 is equivalent to the third year of high school Spanish. Sixteen additional hours in the Modern Language Lab required. (One hour per week for 16-week semester sections and two hours per week for 8-week summer sessions).

Prerequisite: Spanish 101/101H, or two years of high school Spanish with a grade of C or better.

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

H 47723	TBA 4:40p-6:40p Tu		Galvan J	SAC HYBRID SAC D-303	Full Semester
Section 47723 combines online and 5 mandatory on-campus meetings on Tue, 8/23, 9/13, 10/11, 11/8 and 11/29 4:30-6:40pm, SAC D-303. Go to www.sac.edu/disted for more information.					
47726	8:00a-10:30a Tu Th		Lopez-Jaurequi L	SAC D-305	Full Semester
Section 47726 is designed for Spanish speakers. Open to all students.					
47725	11:30a-2:00p Tu Th		Labrit G	SAC I-106	Full Semester
47724	4:00p-6:30p M W		Galvan J	SAC D-303	Full Semester

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.

47727	11:00a-2:10p W		Guerrero-Phlaum M	SAC I-102	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.

47728	11:00a-2:10p W		Guerrero-Phlaum M	SAC I-102	Full Semester
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SPANISH 201, INTERMEDIATE SPANISH I

5 UNITS

A college level Spanish class focusing on expansive review of usage and grammar, discussions of interpretive readings, conversation, and composition.

Prerequisite: Spanish 102 or 102H or three years of high school Spanish with a grade of C or better.

47729	11:30a-2:00p M W		Lopez-Jaurequi L	SAC D-305	Full Semester
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SPECIAL SERVICES

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

50275	TBA		Morris-Pfyl S	SAC L-225	Full Semester
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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

47603	TBA		Waller L	SAC L-225	Full Semester
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Employment Preparation is a comprehensive course covering skills necessary for employment success. Areas of study include vocational assessment, identifying appropriate job/career goals, job search strategies, resume preparation, interview skills and employment retention and advancement. Arranged schedule. Open entry/open exit. Variable units 0.5-3.0.

SPECIAL SERVICES N91, FUNDAMENTALS OF COGNITIVE LEARNING

0.5 - 1.5 UNITS

Fundamentals of Cognitive Retraining is designed for individuals who have sustained an acquired brain impairment and who are experiencing cognitive difficulties. Instruction focuses on improving attention and concentration, perceptual processing skills and memory. Arranged schedule.

Open Entry / Open Exit

50390	TBA		Miller R	SAC M-105	Full Semester
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SPECIAL SERVICES N92, ASSISTIVE COMPUTER TECHNOLOGY

INSTRUCTION

0.5 - 2 UNITS

This course is intended for students with disabilities. Emphasis is on mastering appropriate assistive computer technologies and to provide instruction in Windows, Microsoft Office and Internet/E-Mail access. Not applicable to associate degree.

Open Entry / Open Exit

50272	TBA		Dutton Jr D	SAC U-103	Full Semester
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SPECIAL SERVICES N94, INTERMEDIATE COGNITIVE RETRAINING

0.5 - 1.5 UNITS

Intermediate Cognitive Retraining is designed for students who have sustained and acquired brain impairment. Instruction focuses on the use of compensatory memory strategies, utilizing critical thinking/problem solving skills and improving organizational skills. Arranged schedule.

50391	TBA		Miller R	SAC M-105	Full Semester
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SPECIAL SERVICES N95, COGNITIVE RETRAINING - ACADEMIC

TRANSITION

0.5 - 1.5 UNITS

Cognitive Retraining - Academic Transition is designed for students who have sustained an acquired brain impairment. Instruction focuses on utilizing and applying cognitive skills in the areas of reading, written language and study skills strategies to achieve success in an academic program. Arranged schedule.

50392	TBA		Miller R	SAC M-105	Full Semester
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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.

48287	8:00a-9:25a M W		Huebsch M	SAC I-103	Full Semester
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1 hour arranged each week

SPEECH COMMUNICATION N50, PRONUNCIATION SKILLS LABORATORY

1 UNIT

Sign-in/out listening and speaking practice in a lab setting. Utilizes pronunciation and vocabulary/conversational material. 48 hours earns 1 unit. Not applicable to associate degree.

Open Entry / Open Exit

48291	TBA		Morris M	SAC D-301	Full Semester
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SPEECH COMMUNICATION N52A, BEGINNING AMERICAN ENGLISH

PRONUNCIATION SKILLS

3 UNITS

Instruction in the pronunciation and recognition of American English speech sounds, identifying commonly mispronounced sounds, sound spelling patterns. Lab hours required. Not applicable to associate degree.

Prerequisite: English for Multilingual Students 055.

52139	9:30a-10:55a M W		Huebsch M	SAC I-103	Full Semester
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1 hour arranged each week

SPEECH COMMUNICATION N52B, INTERMEDIATE AMERICAN ENGLISH

PRONUNCIATION SKILLS

3 UNITS

More extensive instruction in American English pronunciation. Emphasis on more difficult sounds, sound blends, word endings, syllable and word stress. Not applicable to associate degree.

Prerequisite: Speech Communication N52A.

48296	8:00a-9:25a Tu Th		Huebsch M	SAC C-213	Full Semester
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1 hour arranged each week

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.

48049	9:30a-10:55a Tu Th		Huebsch M	SAC C-213	Full Semester
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1 hour arranged each week

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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SPEECH COMMUNICATION 101, INTRODUCTION TO INTERPERSONAL COMMUNICATION **3 UNITS**

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

H 48167	TBA		Hondo K	SAC HYBRID	Full Semester
	2:30p-3:30p	M	Hondo K	SAC C-207	
	3:00p-6:00p	W		SAC C-207	
Section 48167 Online instruction plus mandatory on campus meetings Monday, August 22, 2:30-3:30pm, C-207; Wednesdays, Nov. 30, OR Dec. 7, 3:00-6:00pm, A-219. Go to www.sac.edu/disted for more information. Email instructor first week of class (hondo_kesha@sac.edu)					
48050	8:00a-9:25a	Tu Th	Morris M	SAC C-202	Full Semester
51111	8:00a-9:25a	M W	Moorhead C	SAC C-202	Full Semester
W 48051	9:00a-12:10p	Sa	Harris M	SAC I-206	Full Semester
48054	9:30a-10:55a	Tu Th	Fondren S	SAC I-103	Full Semester
48055	9:30a-10:55a	M W	Hondo K	SAC C-202	Full Semester
48052	9:30a-10:55a	Tu Th	Morris M	SAC C-202	Full Semester
48056	11:15a-12:40p	Tu Th	Pierce C	SAC F-103	Full Semester
48061	2:00p-5:10p	Tu	Lockwood L	SAC C-214	Full Semester
48059	2:00p-5:10p	Th	Wagner S	SAC C-214	Full Semester
W 48062	4:00p-6:55p	M	Holder V	SAC C-202	Full Semester
48148	6:00p-9:55p	F	Holder V	SAC I-103	09/09-10/15
	9:00a-12:55p	Sa	Holder V	SAC I-103	
48150	7:00p-10:10p	M	Holder V	SAC C-202	Full Semester

SPEECH COMMUNICATION 101H, HONORS INTRODUCTION TO INTERPERSONAL COMMUNICATION **3 UNITS**

Introduction to communication theory, listening, perception, language usage, non-verbal communication and conflict management. An enriched approach designed for honors students. Seminar mode stresses the development of analytical thinking, writing, and speaking skills. Completion/or concurrent enrollment in English 101 recommended.

48151	11:00a-12:25p	M W	Hondo K	SAC C-202	Full Semester
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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.

48157	8:00a-9:25a	M W	Brown L	SAC C-213	Full Semester
48152	8:00a-9:25a	Tu Th	Brown L	SAC C-214	Full Semester
48160	9:30a-10:55a	M W	Brown L	SAC C-213	Full Semester
48159	9:30a-10:55a	Tu Th	Brown L	SAC C-214	Full Semester
48169	9:30a-10:55a	M W	Moorhead C	SAC C-207	Full Semester
48168	11:00a-12:25p	M W	Brown L	SAC C-213	Full Semester
48161	11:00a-12:25p	Tu Th	Fondren S	SAC I-103	Full Semester
48170	1:00p-2:25p	M W	Morris M	SAC C-213	Full Semester
51108	2:00p-4:55p	Tu	Dowlatshahi K	SAC A-105	Full Semester
48171	2:00p-4:55p	W	Fondren S	SAC I-103	Full Semester
48172	4:00p-6:55p	Tu	Holder V	SAC I-103	Full Semester
48173	5:00p-6:25p	M W	Pierce C	SAC I-103	Full Semester
51107	6:00p-9:10p	M	Fondren S	SAC C-214	Full Semester

SPEECH COMMUNICATION 103, INTRODUCTION TO INTERCULTURAL COMMUNICATION **3 UNITS**

A general view of the sociological, psychological, and communication patterns of various cultural groups. Special emphasis on the methods, skills, and techniques necessary for effective intercultural, crosscultural, and interracial communication. Stresses the development of analytical thinking, speaking, and writing skills. Speech Communication 097 recommended for non-native speakers.

H 48175	TBA		Hondo K	SAC HYBRID	Full Semester
Section 48175 Online instruction plus mandatory on campus meetings Tuesday August 23, 12:30-1:50pm and Thursday Dec. 1, OR Tuesday Dec. 6, 12:30-3:30pm, C-202. Go to www.sac.edu/disted for more information. Email instructor first week of class (hondo_kesha@sac.edu)					
48174	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. Completion of or concurrent enrollment in English 101 recommended. Speech Communication 097 recommended for non-native speakers.

48176	6:30a-7:55a	M W	Lockwood L	SAC C-214	Full Semester
48178	8:00a-9:25a	M W	Lockwood L	SAC C-214	Full Semester
48179	9:30a-10:55a	M W	Lockwood L	SAC C-214	Full Semester
48180	12:30p-1:55p	Tu Th	Lockwood L	SAC C-214	Full Semester
51110	12:30p-1:55p	M W	Lockwood L	SAC C-214	Full Semester
48181	7:00p-10:10p	W	Phu C	SAC C-213	Full Semester

SPEECH COMMUNICATION 145, GROUP DYNAMICS **3 UNITS**

Principles and methods of communication as applied in the small group setting. Emphasis on communication skills, processes, and operations in the small group. Includes understanding group dynamics and cooperative problem solving. Speech Communication 097 recommended for non-native speakers.

48187	11:00a-12:25p	Tu Th	Moldoveanu M	SAC C-214	Full Semester
48188	7:00p-10:10p	W	Fondren S	SAC I-103	Full Semester

SPEECH COMMUNICATION 151, VOICE AND DICTION FOR EFFECTIVE COMMUNICATION **3 UNITS**

Study of basic speech and voice production; training in pronunciation, projection and related vocal skills for effective communication. Designed for individuals with special demands on vocal production in their vocation. Speech Communication 097 recommended for non-native speakers.

48189	7:00p-10:10p	Tu	Holder V	SAC I-106	Full Semester
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SPEECH COMMUNICATION 170, INTRODUCTION TO PHONETICS **3 UNITS**

Study of the articulatory foundations of the description and classification of speech sounds. Introduces the International Phonetic Alphabet (IPA), physiological properties of the speech-producing mechanism, and methods of transcription. Emphasis will be on American English along with comparison to the sound systems of other languages. Speech Communication N53 recommended for non-native speakers.

51109	3:45p-6:55p	M	Morris M	SAC C-207	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.

50276	6:00p-6:50p	W	Porter M	SAC V-150	Full Semester
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SPEECH LANGUAGE PATHOLOGY ASSISTANT 119, SPEECH-LANGUAGE AND HEARING DEVELOPMENT ACROSS THE LIFE SPAN **3 UNITS**

Study of normal speech, hearing and language development across the life span. Topics will include differentiation of normal from disordered communication and communication development in bilingual populations.

50249	6:00p-9:10p	M	Swingle J	SAC I-101	Full Semester
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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.

Prerequisite: Speech Language Pathology Assistant 118 with a grade of C or better.

50278	7:00p-9:05p	W	Porter M	SAC V-150	Full Semester
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SPEECH LANGUAGE PATHOLOGY ASSISTANT 150, OBSERVATION OF SPEECH-LANGUAGE PATHOLOGY CLINICAL PRACTICES **0.5 UNIT**

Beginning clinical observation of practices and procedures required in speech-language pathology. Observation sites will be both educational and medical.

Prerequisite: Speech Language Pathology Assistant 118 with a grade of C or better and concurrent enrollment in Speech Language Pathology Assistant 160.

50388	5:00p-5:55p	M	Porter M	SAC I-201	Full Semester
Mandatory meetings on Aug. 22, Oct. 3, Nov. 7 and Dec. 5.					

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SPEECH-LANGUAGE PATHOLOGY ASSISTANT PROGRAM (SLPA)
 A PROGRAM IN A HELPING PROFESSION

Explore this rewarding, fulfilling career.

SLP Assistants will be trained to help children and adults improve their communication skills.

Contact the SLPA Department for more information, 714-564-6668.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

Prerequisite: Speech Language Pathology Assistant 119 with a grade of C or better.
50248 6:00p-9:10p M Miller R SAC I-201 Full Semester

SPEECH LANGUAGE PATHOLOGY ASSISTANT 180, SPEECH-LANGUAGE PATHOLOGY SCREENING PROCESSES AND INTERVENTION PROCEDURES 3 UNITS

Screening tools, processes and intervention procedures used for clients with communication disorders. Administration of screening tests and completion of protocols. Equipment utilized in therapeutic treatment.

Prerequisite: Speech Language Pathology Assistant 120, 150 and 160 with grade of C or better.
50262 6:00p-9:10p Tu Greenhalgh P SAC I-201 Full Semester
6:00p-8:00p Th Greenhalgh P SAC I-201

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; Application to Department Coordinator required prior to enrollment; Current TB Clearance; Fingerprinting and background check; Current CPR and First Aid Certification.

50266 5:00p-5:55p Th Auzenne L SAC I-201 Full Semester
Mandatory meetings on Aug. 25, Oct. 6, Nov. 10, and Dec. 8.

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. Application to Department Coordinator required prior to enrollment; current TB Clearance; Fingerprinting and background check; current CPR and First Aid Certification.

50385 5:00p-5:55p W Auzenne L SAC I-201 Full Semester
5:00p-5:55p W Porter M SAC I-201
Mandatory Meetings on Aug. 24, Oct. 5, Nov. 9, and Dec. 7.

TUTORIAL LEARNING CENTER

The SAC Tutorial Learning Center offers FREE tutoring to students taking courses through RSCCD. The Center, located in U-202, provides a variety of tutorial programs and services to help students maximize their learning potential. Tutoring takes place in both one-to-one and small group settings; exam reviews are offered on occasion for some subjects. You can schedule a tutoring appointment by calling 714-564-6260, or by visiting U-202. Investigate the TLC today to see how it can benefit you!

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.

50890 8:00a-8:50a F Coffman J SAC I-104 Full Semester
50894 1:00p-3:05p Tu Staff SAC L-202 08/22-10/14


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.

 50824 TBA Staff SAC WEB Full Semester
Section 50824 Online instruction. Go to www.sac.edu/disted for more information.
Email instructor first week of class.

50811 9:00a-12:10p F Staff SAC I-106 Full Semester
50815 9:30a-10:55a M W Staff SAC D-204 Full Semester
50817 11:00a-12:25p Tu Th Staff SAC A-210 Full Semester
50818 11:30a-12:55p M W Staff SAC D-109 Full Semester
50820 1:00p-2:25p Tu Th Staff SAC D-210 Full Semester
50821 6:00p-9:10p M Conner M SAC I-202 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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TV News

Auditions and orientation for SAC-TV's cable newscasts "Around & About OC" and "Noticiero Latino" will be held Tuesday, August 25 at 11 am at the new Digital Media Center, 1300 S. Bristol Room DMC-135, Santa Ana. Sign up for TV/Video 130 to be involved or call 714-241-5778.

TV/VIDEO COMMUNICATIONS

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

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

Open Entry / Open Exit
47744 TBA Schultz R DMC-135 Full Semester
Requires concurrent enrollment in TV/Video 110 or above.

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

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

Open Entry / Open Exit
47745 TBA Schultz R DMC-135 Full Semester
Requires concurrent enrollment in TV/Video 110 or above

TV/VIDEO COMMUNICATIONS 100, INTRODUCTION TO ELECTRONIC MEDIA: TV, RADIO, FILM, AND THE INTERNET 3 UNITS

Survey of historical development, impact, and business practices of TV, Radio, Film, and the Internet. Emphasizes career opportunities and basic studio operations.

47746 11:00a-12:25p M W Bales T SAC A-210 Full Semester

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

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

47747 1:00p-4:10p W Bales T SAC A-210 Full Semester

TV/VIDEO COMMUNICATIONS 105, MASS MEDIA AND SOCIETY 3 UNITS

Exploration of the history, effects, and role of mass media in U.S. society. Examines major media forms (TV, radio, film, newspapers, magazines, ads, the Internet) in our information-conscious culture.

47748 9:30a-10:55a M W Bales T SAC A-210 Full Semester

TV/VIDEO COMMUNICATIONS 110, INTRODUCTION TO TELEVISION PRODUCTION 3 UNITS

Introduction to production of television programs and operation of studio and field equipment. Includes overview of production theory, terminology and procedures, as well as hands-on training in use of cameras, audio, lighting, and control room apparatus. Prior or concurrent enrollment in TV/Video Communications 100 recommended.

47749 7:00p-10:10p Tu Schultz R DMC-135 Full Semester
7:00p-10:10p Th Schultz R DMC-135

TV/VIDEO COMMUNICATIONS 112, INTRODUCTION TO VIDEO EDITING & POSTPRODUCTION 3 UNITS

Fundamental methods and techniques used to edit video for TV, film, web and multi-media. Hands-on training in basic operation of Final Cut Pro digital non-linear editing system and software. Completion of Television/Video 110 or concurrent enrollment recommended.

47750 7:00p-10:10p M Schultz R DMC-204 Full Semester
3 hours arranged each week

TV/VIDEO COMMUNICATIONS 115A, SINGLE-CAMERA PRODUCTION AND EDITING 3 UNITS

Fundamental approaches and techniques utilized in single-camera production for television, film, web and multi-media. Hands-on training in operation of portable digital video and audio production equipment, as well as lighting. Prior or concurrent enrollment in Television/Video Communications 110 and 112 recommended.

47751 7:00p-10:10p W Schultz R DMC-135 Full Semester
3 hours arranged each week

Academic Planning Questions?

www.sac.edu/online_counseling

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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TV/VIDEO COMMUNICATIONS 130, PRINCIPLES OF BROADCAST NEWS 3 UNITS

Introduction to broadcast journalism with emphasis on writing, editing, and technical production of media newscasts. Emphasizes both field and studio reporting. Prior or concurrent enrollment in Television/Video Communications 110 recommended. (Same as Communications and Media Studies 130.)

47752	11:00a-11:50a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-1:30p	Tu Th	Bales T	DMC-135	

Attended Required Audition: Tues Aug. 23 at 11:00am DMC-135

TV/VIDEO COMMUNICATIONS 230A, BROADCAST NEWS PRODUCTION 4 UNITS

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Prior or concurrent enrollment in Television/Video Communications 110 recommended. (Same as Communications and Media Studies 230A.)

Prerequisite: Television/Video Communications 130.

47753	11:00a-11:55a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-1:30p	Tu Th	Bales T	DMC-135	

4 hours arranged each week

TV/VIDEO COMMUNICATIONS 230B, BROADCAST NEWS PRODUCTION 4 UNITS

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Assignments vary in subsequent semesters. (Same as Communications and Media Studies 230B.)

Prerequisite: Television/Video Communications 230A.

47760	11:00a-11:55a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-1:30p	Tu Th	Bales T	DMC-135	

4 hours arranged each week

TV/VIDEO COMMUNICATIONS 230C, BROADCAST NEWS PRODUCTION 4 UNITS

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Assignments vary in subsequent semesters. (Same as Communications and Media Studies 230C.)

Prerequisite: Television/Video Communications 230B.

47761	11:00a-11:55a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-1:30p	Tu Th	Bales T	DMC-135	

4 hours arranged each week

TV/VIDEO COMMUNICATIONS 230D, BROADCAST NEWS PRODUCTION 4 UNITS

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Assignments vary in subsequent semesters. (Same as Communications and Media Studies 230D.)

Prerequisite: Television/Video Communications 230C.

47762	11:00a-11:55a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-1:30p	Tu Th	Bales T	DMC-135	

4 hours arranged each week

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

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

Open Entry / Open Exit

47765	TBA		Bales T	SAC A-210	Full Semester
47766	TBA		Schultz R	DMC-135	Full Semester

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.

49749	TBA		Tivenan V	SAC WEB	Full Semester
Section 49749 Login to BLACKBOARD for instructions during Week 1. Go to www.sac.edu/disted for more information.					
49752	TBA		Tivenan V	SAC WEB	Full Semester
Section 49752 Login to BLACKBOARD for instructions during Week 1. Go to www.sac.edu/disted for more information.					
49754	9:30a-10:55a	M W	Cannon C	SAC P-105	Full Semester

THEATRE ARTS 110, ACTING FUNDAMENTALS 3 UNITS

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

49757	11:15a-1:20p	M	Cannon C	SAC P-105	Full Semester
	11:15a-12:15p	W	Cannon C	SAC P-105	
	12:20p-1:20p	W		SAC P-105	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

49764	11:15a-1:20p	M	Cannon C	SAC P-105	Full Semester
	11:15a-12:15p	W	Cannon C	SAC P-105	
	12:20p-1:20p	W		SAC P-105	

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.

49810	11:15a-1:20p	M	Cannon C	SAC P-105	Full Semester
	11:15a-1:20p	W	Cannon C	SAC P-105	

THEATRE ARTS 131, STAGECRAFT 3 UNITS

Introduction to technical theatre including basic principles of scenic design; construction, and painting; principles of lighting design, technology and process; plus stage and scene shop procedures. Preparation for on stage crew assignments. Concurrent enrollment in Theatre Arts 135 is recommended.

49774	TBA		Tivenan V	SAC WEB	Full Semester
Section 49774 Online instruction plus 2 hours lab session on campus each week in P-108. Go to www.sac.edu/disted for more information.					
Email instructor first week of class. tivenan_valinda@sac.edu.					

THEATRE ARTS 135, TECHNICAL PRODUCTION 1 UNIT

Supervised instruction and practical application in stage production techniques. Each repetition presents more advanced material.

49808	TBA		Tivenan V	SAC P-108	10/17-01/22
49782	TBA		Tivenan V	SAC P-108	Full Semester

THEATRE ARTS 151, SHOWCASE 3 UNITS

A study of the actor's role in development and rehearsal of multiple characterizations in two or more publicly staged presentations. Rehearsal and performance hours arranged.

49775	6:00p-8:55p	Tu	Cannon C	SAC P-105	Full Semester
	9:00p-10:00p	Tu	Cannon C	SAC P-105	

2 hours arranged each week.

THEATRE ARTS 152, TOUR ENSEMBLE 2 UNITS

Acting ensemble providing performance experience for advanced students. Audition required.

49778	9:00a-9:55a	F	Cannon C	SAC P-105	Full Semester
	10:00a-12:00p	F	Cannon C	SAC P-105	

1 hour arranged each week

THEATRE ARTS 155, CHILDREN'S THEATRE ENSEMBLE 2 UNITS

Intensive rehearsal and performance experience leading to an extended-run Children's Theatre production. Preparation for repertory theatre production experience.

49788	6:00p-6:55p	M Tu W Th	Hansen B	SAC P-100	10/17-01/22
	7:00p-10:00p	M Tu W Th	Hansen B	SAC P-100	

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.

50736	TBA		Small S	SAC WEB	Full Semester
Section 50736 Online instruction 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.

50742	TBA		Small S	SAC WEB	08/22-10/14
	9:00a-4:00p	Sa	Small S	SAC P-100	
Section 50742 Online instruction plus mandatory on-campus lab hours in P-100 on Sept. 10, 17, 24, Oct. 1 from 9am - 4pm. Go to www.sac.edu/disted for more information.					

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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VIETNAMESE

VIETNAMESE 101, ELEMENTARY VIETNAMESE I

5 UNITS

A college level Vietnamese class focusing on pronunciation and grammar, basic vocabulary, common idioms, listening, speaking, reading and writing techniques to provide avenues for the expression of ideas orally and in writing. Introduction to Vietnamese culture. Some sections designated for native Vietnamese speakers. Vietnamese 101 is equivalent to two years of high school Vietnamese. Sixteen additional hours in the Modern Language Lab required. (One hour per week for 16-week semester sessions and two hours per week for 8-week summer sessions.)

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

47732	7:00p-9:30p	MW	Le V	SAC D-205	Full Semester
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VIETNAMESE 102, ELEMENTARY VIETNAMESE II

5 UNITS

A college level Vietnamese course focusing on further training in pronunciation and grammar, more extensive vocabulary development, conversation and composition. Supplementary cultural readings. Vietnamese 102 is equivalent to the third year of high school Vietnamese. Sixteen additional hours in the Modern Language Lab required. (One hour per week for 16-week semester sessions and two hours per week for 8-week summer sessions.)

Prerequisite: Vietnamese 101.

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

47734	7:00p-9:30p	TuTh	Vo V	SAC D-214	Full Semester
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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.)

50841	8:00a-11:30a	TuTh	Moreno G	SAC K-101	Full Semester
50856	6:00p-9:30p	TuTh	Moreno G	SAC K-101	Full Semester
50839	6:00p-9:30p	MW	Moreno G	SAC K-101	Full Semester

WELDING 020, WELDING LABORATORY

0.5 UNIT

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

50871	12:15p-1:55p	Tu	Moreno G	SAC K-101	Full Semester
50877	4:15p-5:55p	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.

50886	8:30a-12:05p	TuTh	Moreno G	SAC K-101	Full Semester
50903	6:30p-10:05p	TuTh	Moreno G	SAC K-101	Full Semester
50878	6:30p-10:05p	MW	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.

50909	8:30a-12:05p	TuTh	Moreno G	SAC K-101	Full Semester
Section 50909 has 1 hour arranged per week					
50897	6:30p-10:05p	TuTh	Moreno G	SAC K-101	Full Semester
Section 50897 has 1 hour arranged per week					
50907	6:30p-10:05p	MW	Moreno G	SAC K-101	Full Semester
Section 50907 has 1 hour arranged per week					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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WELDING 098, INTERMEDIATE ARC WELDING

3 UNITS

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

Prerequisite: Welding 008.

W 50912	6:00p-9:35p	F	Capucetti B	SAC K-101	Full Semester
	8:30a-11:30a	Sa		SAC K-101	

WELDING 098, WELDING CERTIFICATION TRAINING

3 UNITS

Provides lecture and hands-on practice on welding in multiple areas of certification.

Prerequisite: Welding 008.

50913	8:00a-11:30a	TuTh	Moreno G	SAC K-101	Full Semester
50916	6:00p-9:30p	TuTh	Moreno G	SAC K-101	Full Semester
50914	6:00p-9:30p	MW	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.

47737	9:45a-11:10a	TuTh	Davis J	SAC D-304	Full Semester
47738	7:00p-10:10p	Th	Davis J	SAC I-207	Full Semester



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

Be connected – stay connected

Keep up to date on campus news.
Connect with friends on campus.

Become a Facebook Fan



<http://www.facebook.com/SantaAnaCollege>



Follow SAC on Twitter

<http://twitter.com/SantaAnaCollege>

Do you know where your

STUDENT SERVICES FEES

go?

Your fees go to fund these programs and services or to give you discounts:

- Amusement Park Discounts
- ASG Book Loan Program
- Athletic Event Discounts
- Gameroom
- Inter Club Council
- Math Study Center
- Movie Theatre Discounts
- Student Activities Office
- Student Leadership Programs (ASG)
- Transfer Center
- Tutorial Center

Additionally, the Student Services Fee supports academic, cultural, and social programs and activities.

Student Activities for Fall 2011

Sponsored by Associated Student Government (ASG) and Inter-Club Council (ICC) of Santa Ana College

AUGUST

ASG APPLICATIONS AVAILABLE

SEPTEMBER

WELCOME BACK EVENTS
NATIONAL HISPANIC HERITAGE MONTH
MEXICAN INDEPENDENCE DAY
CLUB RUSH
CONSTITUTION DAY

OCTOBER

BLOOD DRIVE
RED RIBBON WEEK
HALLOWEEN FESTIVITIES
STUDENT LEADERSHIP INSTITUTE

NOVEMBER

HOMECOMING WEEK
NATIVE AMERICAN HERITAGE MONTH
HOLIDAY DRIVE
INTERNATIONAL FESTIVAL

DECEMBER

WORLD AIDS DAY
OPERATION SANTA
ASSOCIATED STUDENTS RECOGNITION CEREMONY

SANTA ANA COLLEGE FOUNDATION

Established in 1968 and reactivated in 1998, the Santa Ana College Foundation is a non-profit 501(c)3 organization. The Foundation's mission is to maintain, expand and enhance the educational opportunities at Santa Ana College by linking community organizations, businesses, funding sources, alumni and staff, thus preserving our near century of "A History of Success, A Future of Promise."

Here are some ways you can get involved:

- Help strengthen the Foundation and assist with the college's greatest funding priorities with a gift to our unrestricted fund.
- Donate to the General Scholarship Fund or start your own scholarship to help continuing, transferring and incoming students.

- Support the Ed Arnold Golf Classic to assist the Athletic Hall of Fame and student-athletic scholarships.
- Help ignite the mind of a child with a gift to the "Pathways to the Stars" endowment fund that helps to bring over 16,000 youth to our Tessmann Planetarium for educational programs.
- You can "Leave your Legacy" at SAC through a planned gift for the endowment fund or restricted purpose of your choice.

Please visit our web site at www.sac.edu/community/foundation.htm or call us at 714-564-6091 to learn more about the Santa Ana College Foundation.

SERVICES FOR STUDENTS

SERVICE HOURS

ADMISSIONS HOURS – first floor of the Administration Building

Santa Ana College	714-564-6005
Monday–Thursday	8:00 am to 6:45 pm
Friday	8:00 am to 4:30 pm
Saturday	8:30 am to 12:30 pm on 8/27/11 only

REGISTRATION HOURS

August 22, 2011–September 2, 2011.

located on second floor of Johnson Campus Center, U-201*

* Prior to 8/22/11, please go to Admissions in S-101 for assistance.

Santa Ana College	714-564-6005
Monday–Thursday	10:00 am to 6:30 pm
Friday	10:00 am to 3:30 pm

CASHIER'S OFFICE & PHOTO I.D. HOURS

first floor of Administration Building, Room S-104

Santa Ana College	714-564-6965
Monday–Thursday	8:00 am to 5:00 pm
Friday	8:00 am to Noon

Pay fees on-line www.sac.edu

BOOKSTORE HOURS (subject to change)

located on first floor of Johnson Campus Center

Santa Ana College Bookstore	714-564-6435
Monday–Thursday	8:00 am to 8:00 pm
Friday	8:00 am to 12:30 pm
Saturday	(9:00 am to 1:00 pm on 8/27/11 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 one week 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	9:00 am to 1:00 pm
Saturday/Sunday	Closed

LIBRARY USE POLICY

Current enrollment and a valid photo I.D. card is required to check out materials.

CAFETERIA HOURS

located on second floor of Johnson Campus Center

Santa Ana College	
Monday - Thursday	7:30 am to 8:30 pm
Friday (CLOSED FRIDAYS DURING SUMMER)	7:30 am to 1:00 pm

DON EXPRESS HOURS (subject to change)

Snacks, sandwiches, drinks, school supplies, test forms, and magazines.

Santa Ana College	
located between Dunlap Hall and Phillips Hall	
Monday–Thursday	7:30 am to 8:30 pm
Friday	7:30 am to 12:30 pm
Saturdays	7:30 am to 12:30 pm

SERVICE PROGRAMS

ASSOCIATED STUDENTS

SAC Johnson Center, Room U-100C **714-564-6208**

The Associated Students was established to provide students with government and leadership experience. Opportunities are available to become involved in campus committees and councils as a student representative. Learn first hand about group dynamics and decision making, event programming, and running effective meetings. Additionally, there are many student clubs and organizations for you to join. Contact the Student Activities Office for information regarding student government, Inter-Club Council, clubs/student organizations and the Student Leadership Institute.

CAREER/JOB RESOURCE CENTER

SAC Library Building 2nd floor, Room L-225 **714-564-6254**

The SAC Career/Job Resource center offers access to computerized resources and hard copy information on careers, training programs, and job resource services as well as workshops. Individuals and entire classes can utilize the center to explore careers keyed to interests, skills, personality, and values. Information is available on employment trends and salaries, locally, nationally, and on the international level.

The Career/Job Resource Center provides all the resources necessary for students to find a satisfying major, set career goals, and obtain successful employment.

UNDECIDED MAJORS WORKSHOPS

FREE workshops designed specifically to assess students' career interests. Provides decision-making information, which can lead to more effective educational goals associated with various majors. Workshops are **open to the community**. Call for dates and times.

EMPLOYMENT PREPARATION WORKSHOPS

Employment Preparation Workshops are offered on an ongoing basis in the following areas: Résumé Preparation, Interview Skills and Job Search Techniques. Call for dates and times.

CHILD DEVELOPMENT SERVICES

Executive Director (2323 N. Broadway, Santa Ana) **714-480-7546**

Child care services are provided at all Santa Ana College sites for children 6 months to five years of age of students who qualify for sliding scale fees. Fees vary according to income. Spaces are available for RSCCD staff when available. The Early Head Start (EHS) program is for low-income infants, toddlers, pregnant women and their families. Services are offered at the SAC ECEC or in your home.

For information call any center below:

- **Santa Ana College** at 714-564-6894.
- **Centennial Education Center** at 714-241-5739.
- **Santa Ana College East Campus** at 714-564-6952.
- **Early Head Start** 714-564-7544

COMMUNITY SERVICES

SAC Administration Building, S-204 **714-564-6594**

Also at www.sac.edu/cms **FAX 714-564-0240**

The Community Services program offers courses for both adults and children in computers, personal growth, dance, arts & crafts, money matters & investments, recreation, business, careers, travel tours, and more. For registration information, or to obtain a brochure with a full listing of events, call or visit our office listed above.

COUNSELING SERVICES

SAC Administration Building, 1st Floor, Room S-110 **714-564-6100**

Centennial Education Center **714-241-5720**

RSCCD Counseling Services provide a variety of programs and procedures through which individuals are brought into the instructional program, assisted in career planning and development, assisted in planning for and pursuing courses of study, and provided avenues for obtaining employment. For more information, log on: www.sac.edu/students/counseling/services.htm.

... SERVICES ...

SERVICE PROGRAMS (continued)

DISABLED STUDENTS PROGRAMS AND SERVICES (DSPS)

Santa Ana College is committed to equal access and opportunity for individuals with disabilities. The DSPS program provides academic accommodations and support services to minimize disability related barriers. Individualized programs are designed to enable students to compete academically on the equal basis with their non-disabled peers. Please contact any of the DSPS departments listed below and we will gladly answer your questions.

DSPS MAIN OFFICE/PHYSICAL DISABILITIES

SAC Russell Hall, Room R-101714-564-6295

Services include; intake & verification of disability status, referrals to other DSPS programs on campus, academic advisement, registration assistance, elevator cards, mobility and learning assistance.

ASSISTIVE TECHNOLOGY CENTER

SAC Johnson Center, Room U-103714-564-6260

The center provides computer assisted instruction through the use of assistive technology for disabled students.

COMMUNICATIONS DISABILITIES/ ACQUIRED BRAIN IMPAIRMENT PROGRAM

SAC Planetarium, Room M-105714-564-6283

TTY714-564-6347

Students with verifiable communication disabilities or acquired brain impairments can receive assistance with program planning, registration, assessment, and computer assisted instruction.

DEAF and HARD OF HEARING PROGRAM

SAC Johnson Center, Room U-107714-564-6283

TTY/TDD714-564-6284

Sign language, note taking supplies, assistive listening devices are provided for deaf and hard of hearing students.

LEARNING DISABILITIES

SAC Johnson Center, Room U-103714-564-6260

Centennial Education Center, Room D-101714-564-5135

A program for students with learning deficits severe enough to affect classroom performance. Program includes 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. 8:00 am-6:30 pm, Fri. 8:00 am-12:00 noon

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.-Wed. 8:00 am-5:00 pm, Thur. 8:00 am-6:45 pm,

Fri. 8:00 am-12:00 noon. Subject to change

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 Work-Study and Stafford 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. 9:00 am-7:00 pm)

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

MESA is an academic program designed to support educationally disadvantaged community college students to excel in math, engineering, and science so they can transfer to four-year institutions and prepare for professions in the Science, Technology, Engineering, and Math (STEM) fields. Services include tutoring, advisement, academic success workshops, and scholarships.

Academic Planning Questions?

www.sac.edu/online_counseling

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. 8:30 am-4:00 pm

The SAC Scholarship Program offers scholarships to incoming, continuing and graduating/transferring SAC students. The program opens during the first week of November and closes the first week in March. Information and application packets are available in the Scholarship Program office. Awards are announced during a special ceremony in May and funds are available for the following fall semester. Help in how to apply for scholarships is also available.

The Scholarship Program is also available to work with interested business, corporations and individuals to establish new scholarships. Scholarships can be structured to meet the wishes and parameters of the donor and may be given one-time only, in memoriam, in perpetuity, or on an annual renewable basis. For more specific information about the SAC Scholarship Program, contact the Scholarship Program directly at 714-564-6478.

SERVICE LEARNING

SAC Johnson Center, Room U-100A.....714-564-6362

The Service Learning Center is responsible for developing, implementing, and administering comprehensive programs and activities related to community service volunteerism, community partnerships, and service learning. The program connects with many local nonprofit agencies, each of which offer numerous volunteer opportunities. Students then match their skills and interests to the needs of the community agencies and gain valuable personal experience. Many instructors utilize service learning as a course requirement in order to connect student classroom learning with real life experience.

STUDENT PLACEMENT

SAC Johnson Center, Room U-222714-564-6201
Hours: Mon.-Thur. 8:00 am-5:00 pm, Fri. 9:00 am-12:00 noon

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. 8:00 am-5:00 pm, Fri 8:00 am-12:00 noon

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

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

The University Transfer Center provides information and assistance to students preparing for transfer to baccalaureate granting institutions. Transfer services include appointments with university representatives and college fairs at Santa Ana College, as well as in-state and out-of-state university field trips. Our *Counseling N45 Orientation to College* program informs both parents and students about the transfer process and how to successfully achieve their academic goals. Additional information sessions focus on UC and CSU admissions, guarantee transfer programs, scholarships and internship opportunities. Students may also use our computers to access a complete digital resource library of university catalogs and videos.

TUTORIAL CENTER

SAC Johnson Center, Room U-202714-564-6260
Hours: Mon.-Wed. 9:00 am-6:00 pm, Thur. 9:00 am-4:00 pm, Fri. 9:00 am-12:00 noon

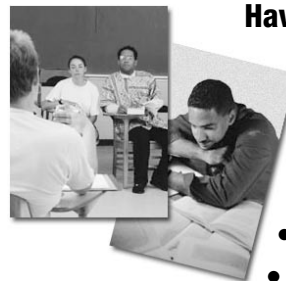
Free tutoring in a wide variety of subject areas is available at the Tutorial Learning Center. Call or visit the Center to schedule your appointment today. Services include tutoring, group study sessions, exam reviews and study skills information. Make the most of your educational experience at SAC by checking out this valuable resource.

VETERANS RESOURCE CENTER

SAC Johnson Center, Room U-103 714-564-6050
Hours: Mon.-Wed. 9:00 am-7:00 pm, Thurs. 9:00 am-5:00 pm, Fri. 9:00 am-12:00 noon

The Veterans Resource Center provides support and referrals to veterans transitioning into the college. Services include: assistance with registration, referrals to on-campus and off-campus resources, academic counseling, access to computers, peer mentoring and educational workshops. Services are provided by veterans for veterans.

FALL 2011 PSYCHOLOGICAL SERVICES: GOT STRESS?



Having difficulty with:

- Friends?
- Family?
- Relationships?
- Self-esteem?
- Time Management?
- Test Anxiety?

Psychological Services are available to ensure that students have the support as needed while working on their educational/career goals at Santa Ana College. A team of psychologists and interns can help students find solutions to life problems through individual or group counseling.

All services are confidential. Services are free to currently enrolled students. Come visit us at the Student Health and Wellness Center on the first floor of the Johnson Center (U-120) or call 714-564-6261.

**For individual psychological
counseling appointments contact:**

**Santa Ana College Health Center
714-564-6216
Johnson Center, Room U-120**

ACADEMIC PLANNING . . .

PREREQUISITES & COREQUISITES

IMPORTANT DEFINITIONS

If you should see the words **Prerequisite** or **Corequisite** in the class schedule, it is important for you to understand the definitions of these terms. Note that prerequisites and corequisites can be challenged. See *Prerequisite Challenge Policy*, on this page, for more information.

PREREQUISITE indicates a condition of enrollment that a student is required to meet in order to demonstrate current readiness for enrollment in a course or educational program. A prerequisite represents a set of skills or a body of knowledge that a student must possess prior to enrollment and without which the student is highly unlikely to succeed in the course or program. Students will not be permitted to enroll in such courses and programs without the appropriate prerequisite.

COREQUISITE indicates a condition of enrollment consisting of a course that a student is required to simultaneously take in order to enroll in another course. A corequisite represents a set of skills or a body of knowledge that a student must acquire through concurrent enrollment in another course and without which the student is highly unlikely to succeed. Students must concurrently enroll in the corequisite course.

PREREQUISITE CHALLENGE POLICY AND PROCEDURES

COURSE PREREQUISITE POLICY

Prerequisite means the preparation or previous course work considered necessary for success in the course. The College requires students to complete prerequisites as pre-enrollment preparation. Prerequisites which are listed in the College Catalog include:

1. Courses for which specific prerequisites have been established,
2. Sequential course work in a degree-applicable program, and
3. Courses in which an equivalent prerequisite exists at a four-year transfer college or university.

Questions about prerequisites are best resolved with a counselor or instructor prior to the first day of class.

PREREQUISITE CHALLENGE PROCESS

A prerequisite challenge requires written documentation explaining alternative course-work, background or abilities which adequately prepare the student for the course. A Prerequisite Challenge Form can be obtained from the appropriate division office. Prerequisites may be challenged for one or more of the following reasons:

1. The college has not developed the prerequisite according to its established procedures or has not developed the prerequisite in accord with existing statutes.
2. The prerequisite is discriminatory or is being applied in a discriminatory fashion.
3. The College has not made the prerequisite course reasonably available.
4. The student has documented knowledge and abilities equivalent to those specified in the prerequisite course.

The challenge will be reviewed by a committee consisting of the division dean, or designee, department chair, or designee, and one department or division representative or designee.

If space is available in a course when a student files a challenge to the prerequisite or corequisite, the district shall reserve a seat for the student and resolve the challenge in a timely manner. If no space is available in the course when a challenge is filed, the challenge shall be resolved prior to the beginning of registration for the next term and, if the challenge is upheld, the student shall be permitted to enroll if space is available when the student registers for that subsequent term.

Note: Students who are challenging a course which is a requirement for a degree or certificate may wish to use the Credit by Examination process to receive credit for the challenged course.

RSCCD ASSESSMENT INFORMATION COURSE EXCEPTION LIST

GROUP I - The courses listed below do not have advisory reading levels and are **EXEMPT** from participation in the matriculation process (orientation, assessment, advisement, and counseling). However, students are encouraged to complete assessment and other matriculation services (see page 10).

MUSIC - Music 113AB, 114AB, 115ABCD, 132, 133, 134, 135, 136, 141, 171, 175, 176, 215ABCD, 241

GROUP II - The courses listed below have advisory reading levels and are **EXEMPT** from participation in the matriculation process (orientation, assessment, advisement, placement, and follow-up). However, students are encouraged to complete assessment and other matriculation services (see page 10).

ACCOUNTING - All Accounting Courses

APPRENTICESHIP - All Apprenticeship Courses

ART - Art 119, 121AB, 122, 124, 128, 130, 131, 140AB, 141, 143, 151, 151, 153, 155, 156, 160, 161, 171, 175A, 182, 183, 184AB, 186, 196AB, 197AB, 221, 230, 231, 232, 233, 234, 240, 241, 242, 243, 250, 251, 282, 283, 296, 298

BANKING - All Banking Courses

BUSINESS - All Business Courses

COMPUTER SCIENCE - All Computer Science Courses

CONTINUING EDUCATION NURSING - All Continuing Education Nursing Courses

DANCE - Dance 112, 201AB, 202, 204AB, 205, 206AB, 209, 210, 213, 214, 215AB, 216, 219AB, 220, 221, 230, 232, 240, 260, 298

DRAFTING TECHNOLOGY - All Drafting Technology Courses

ENGINEERING - All Engineering Courses

ENVIRONMENTAL STUDIES - All Environmental Studies Courses

EXERCISE SCIENCE - E.S. Activities, E.S. Adaptive Activities, E.S. Aquatics, E.S. Fitness, E.S. Intercollegiate Athletics

FIRE ACADEMY - All Fire Academy Courses

FRENCH - French 101, 195, 201 & 202

MANUFACTURING TECHNOLOGY - All Manufacturing Technology Courses

MANAGEMENT & MARKETING - All Management & Marketing Courses

MUSIC - Music 121, 122, 123, 124, 161, 162, 163, 164, 165, 185, 186, 187, 188, 213, 214, 215, 216, 217

PHOTOGRAPHY - Photography 165, 180, 181, 182, 183, 195, 200, 292, 293, 294

PUBLIC WORKS - All Public Works Courses

SPANISH - Spanish 101, 201, & 202

TELEVISION/VIDEO PRODUCTION - Television/Video Production 111, 112, 114, 141, 142, 150, 160, 181, 182, 185, 186, 211, 280, 298

THEATRE ARTS - Theatre Arts 112, 113, 131, 132, 133, 135, 150, 230, 235, 250, 280

TRAVEL AND TOURISM - All Travel and Tourism Courses

WATER UTILITY SCIENCE - All Water Utility Science Courses

Can't find the class you need?

**It may be waiting for you at
Santiago Canyon College!**

**View SCC's class schedule at
www.sccollege.edu/schedule**

SCC's class schedule is included in this booklet.

Hurry! Class sizes are limited.

... PLANNING ...

EDUCATIONAL OPTIONS — ASSOCIATE DEGREE

SANTA ANA COLLEGE ASSOCIATE DEGREE REQUIREMENTS

To qualify for an associate degree, the candidate must meet the following requirements:

COURSES: Sixty units in the following five categories:

- I. Major Requirements:** Each degree and certificate program specifies courses required for the major. Students must complete these courses with a grade of "C" or better. See the Instructional Programs section of the catalog.
- II. General Education Requirements:** 24 semester units of general education which include one course or more as indicated in group requirements A, B, C, D, E, and F. Courses from the major may be used to satisfy areas A – F.
- III. Skills Proficiency Requirements:** The college requires proficiency in basic learning skills in mathematics, reading, and oral communication, as found in Required Proficiencies.
- IV. Computer Skills and Applications Requirement:** See page 77.

Note: The requirements in parts II, III, IV, and V above also may be met by completion of CSU General Education Breadth certification requirements, by completion of the Intersegmental General Education Transfer Curriculum requirements, by submitting a transcript showing completion of a bachelor's degree at a regionally accredited institution, or by submitting a transcript showing completion of an associate of arts or associate of science degree from a regionally 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 – 2011-2012

Note: A single course may be used to meet only one category requirement.

- A. NATURAL SCIENCES** (minimum 3 units)
 - Anthropology 101, 101L
 - Astronomy 109, 110 or 110H, 140
 - Biology 109 or 109H, 109L, 115, 149, 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
 - Communications and Media Studies 103, 111
 - 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, 195A, 195B, 201 or 201H, 202 or 202H
 - Vietnamese 101, 102
 - Interdisciplinary Studies 121, 200
 - Literature:
 - Communications and Media Studies 110
 - English 102 or 102H, 231, 232, 233ABCD, 241, 242, 270, 271, 272
 - Music 101 or 101H, 102 or 102H, 104, 110, 211
 - Philosophy 106 or 106H, 108, 112, 118
 - Sign Language 110, 111, 112, 116
 - TV/Video Communications 101, 103, 104, 105 or 105H
 - Theatre Arts 100, 105

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
 - Political Science 235
 - 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
- #### 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 102 or 102H, 103 or 103H
 - Mathematics 080/081, 105, 140, 145, 150, 160, 170, 180 or 180H, 185, 219 or 219H, 280, 290, 295
 - Philosophy 110 or 110H, 111, 144
 - Reading 102, 150
 - Social Science 219 or 219H
 - Speech Communication 102, 140, 145

... PLANNING ...

ASSOCIATE DEGREE (continued) AND CERTIFICATE PROGRAMS

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.

- Completion of one of the following:
Business 130
Counseling 100, 116, 120, 124, 125, 128
E.S. Health Education 101, 102, 104, 120
E.S. Professional 125, 140, 160
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
- Completion of one of the following:
Dance 102, 201A, 201B, 206A, 206B, 219A, 219B
E.S. Activities 107, 123, 130, 132, 133, 134, 140, 141, 150, 155, 160, 169, 170, 171, 180, 185, 200, 202, 210, 211, 220, 226, 227, 231, 232, 235, 236, 240, 245, 260, 261, 262, 265, 270, 271, 280, 281, 290, 291, 292
E.S. Adapted Activities 201, 202, 205, 206, 208, 211, 220
E.S. Aerobic Fitness 140, 143, 144, 146, 150, 155, 156, 157, 158, 160
E.S. Aquatics 201, 204, 206, 207
E.S. Fitness 100, 101, 102, 103, 108, 109, 110, 115, 116, 119, 120, 124, 125, 126, 127, 128, 145, 147
E.S. Intercollegiate Athletics 201, 202, 203, 204, 205, 206, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222
E.S. Professional 155, 165, 175, 180, 200

This requirement (F) is met for Fire (as long as Fire Technology 121 is taken as part of the program), Nursing, and Occupational Therapy Assistant majors by completion of their major.

Note: A single course may be used to meet only one category requirement (A-F) in section II. However, a course may be used to meet both a required proficiency or computer requirement, as well as one of the categories of General Education Courses on Plan A. Courses which meet the requirements for Part II of Plan A at Santiago Canyon College will automatically meet the identical requirements for Part II of Plan A at Santa Ana College.

III. Lifelong Understanding and Self-Development

The college requires that students select three units from category F (see above) in addition to the minimum 21 units in Groups A, B, C, D, and E.

IV. Required Proficiencies

Courses listed in this requirement can also be used to meet General Education Requirements in groups A through F where appropriate. Courses taken to meet these proficiencies must be completed with a grade of C or better.

A. READING

- Satisfactory score on the SAC/SCC Reading Placement Test at the time of initial placement testing, OR
- Satisfactory score on a Reading Department Test, OR
- Successful completion of any Reading course at the 100 level, OR

- 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

- Completion of Mathematics 080/081 or any other 3 unit mathematics course numbered above the level of 080/081 **OR**
- Score on the SAC/SCC mathematics placement test indicating placement in a mathematics course numbered above the level of 080/081.

C. ORAL COMMUNICATION

Completion of 3 units from the following: Speech Communication 101 **OR** 101H (Interpersonal Communication), Speech Communication 102 (Public Speaking), Speech Communication 140 (Argumentation and Debate), Speech Communication 145 (Group Dynamics), Speech Communication 152 (Oral Interpretation).

V. Computer Skills and Applications Requirement

Courses meeting the computer skills and applications requirement include the theories and concepts of computer technology and/or the applied technology of computers in various disciplines. Such courses will either focus on computer technology as a discipline or will focus on computer application programs as a major component of the course. This requirement is met by completing one of the following:

- 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
Engineering
Fashion Design Merchandising
Human Development
Library Technology
Manufacturing Technology
Music Degree
Nursing
Occupational Therapy Assistant
Pharmacy Technology
TV/Video Communications Degree
- 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
- 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.

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)

- 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

- 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:

- Courses:** Courses are designated for the specific certificate.
- 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.
- 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.
- 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.)
- Petition:** Petition for certificate filed by the student with the Office of Admissions and Records.

MORE EDUCATIONAL OPTIONS ...

CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH REQUIREMENTS (CSU GE) Plan B: 2011–2012 Santa Ana College

Planning to Transfer?
www.assist.org 
Your official source for California articulation
and student transfer information.

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

- Santa Ana College is authorized to certify a maximum of 39 general education units.
- No more than 30 semester units may be certified for areas B through D combined which are described in the next section.
- 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.
- A single course may not meet more than one general education requirement.
- 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.)
- Certification of coursework from other colleges will only be granted to students whose last community college of attendance prior to transfer is Santa Ana.
- 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.
- 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 2011 and are valid through Summer 2012.**

TRANSFER CREDIT

- Students may transfer up to 70 semester units to the CSU system. Sixty transferable units are needed for junior standing.
 - 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 semester/12 quarter 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 102 or 102H, 103 or 103H
Philosophy 110 or 110H, 111, 144
Reading 150
Speech Communication 140
- B. Scientific Inquiry and Quantitative Reasoning** (minimum 9 semester/12 quarter units) The 9 units selected from this area must include at least one course

each from B1, B2, and B4. The 9 units must also include a corresponding lab component. (Lab classes are in **bold**.) Courses in B4 must be completed with a grade of "C" or better. (C minus is not acceptable.)

B1: Physical Science

Astronomy 109, 110 or 110H
Chemistry **109, 119, 209, 210, 219 or 219H**
Earth Science 110 or 110H, **115, 150 or 150H**
Environmental Studies 140
Geography 101
Geology 101, 140, 150 or 150H, **201**
Physical Science **115, 117**
Physics **109, 210, 111, 217, 279**

B2: Life Science

Anthropology 101
Biology 109 or 109H, **115, 139, 149, 177, 211, 212, 214, 229, 239, 259**
Environmental Studies **259**

B3: Laboratory Activity

Anthropology **101L**
Astronomy **140**
Biology **109L, 115, 139, 149, 211, 212, 214, 229, 239, 259**
Chemistry **109, 119, 209, 210, 219 or 219H**
Earth Science **115**
Environmental Studies **259**

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 semester/12 quarter 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, 105

C2: Humanities: Literature, Philosophy, Languages

Other than English
Chinese 101, 102,
English 102 or 102H, 206, 220, 231, 232, 233A, 233B, 233C, 233D, 241, 242, 243, 245, 246, 270, 271, 272, 278
French 101, 102, 201 or 201H, 202 or 202H
History 101 or 101H, 102 or 102H, 150, 151, 153, 163
Interdisciplinary Studies 200
Japanese 101, 102
Philosophy 106 or 106H, 108, 112, 118
Sign Language 110, 111, 112, 116
Spanish 101 or 101H, 102 or 102H, 195A, 195B, 201 or 201H, 202 or 202H
Vietnamese 101, 102

D. Social Sciences

(minimum 9 semester/12 quarter units) The 9 units selected from this area must include courses from at least 2 different subareas.

D1: Anthropology and Archeology

Anthropology 100 or 100H, 103, 104 or 104H, 105, 125
English 104 or 104H
History 105, 125

D2: Economics

Economics 120, 121

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
Political Science 235
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
Communications and Media Studies 111
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, 235**

D9: Psychology

Human Development 107
Psychology 100 or 100H, 140, 157, 170, 200, 219, 230, 240, 250
Sociology 240

D10: Sociology and Criminology

Criminal Justice 101
Sociology 100 or 100H, 112, 140 or 140H

NOTE: The CSU Graduation Requirement in UNITED STATES

HISTORY, CONSTITUTION AND AMERICAN IDEALS may be met by completing Political Science 101 or 101H and one U.S. History course from the following: History 118, 120 or 120H, 121 or 121H, 122, 123, 124 or 124H, 127, 146. These courses (in **bold** in D6 above) may also be used to meet 6 of the 9 Area D unit requirements.

E. Lifelong Learning and Self-Development

(minimum 3 semester/4 quarter units) Three units should be selected from below with no more than one unit from E2. Three units of credit are allowed in E for former military personnel with a DD-214.

E1:

Counseling 100, 116, 120, 124, 125, 128
E.S. Health Education 101, 102, 104, 120
E.S. Professional 125
Family & Consumer Studies 120
Human Development 107, 229
Interdisciplinary Studies 155
Nutrition and Food 115 or 115H
Psychology 140, 157, 230
Sociology 112
Speech Communication 104

E2:

E.S. Activities 107, 130, 132, 140, 150, 155, 160, 169, 170, 180, 185, 200, 202, 210, 220, 226, 235, 240, 245, 260, 265, 270, 280, 290, 292
E.S. Adapted Activities 201, 202, 205, 206, 208, 211, 220
E.S. Aerobic Fitness 140, 143, 144, 150, 155, 156, 158, 160
E.S. Aquatics 201, 204, 206
E.S. Fitness 100, 101, 102, 110, 115, 116, 120, 124, 125, 126, 127, 128, 145, 147
E.S. Intercollegiate Athletics 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: 2011–2012 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 and receive certification prior to transfer. Students may obtain partial certification however by completing all but 1-2 courses. Consult a counselor for additional information.
- Complete all courses used for IGETC certification with a minimum grade of C (C minus is not acceptable).** A "credit" is acceptable providing it is equivalent to a grade of C or higher. The catalog must reflect this policy.
- Request certification from the last California community college you attend prior to transfer to CSU or UC. Requests should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. (Please check deadlines.)
- Prior to requesting certification, have all official transcripts on file from every high school and college you have attended.
- Courses taken at other California community colleges will be applied to the subject areas in which they are listed by the institution where the work was completed.
- Courses taken at other regionally accredited private/out of state institutions (which do not maintain an IGETC certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Equivalency is determined by Santa Ana College faculty. Petitions are available from Counseling and must be accompanied by the appropriate documentation. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information.
- Courses completed at foreign institutions (without U.S. regional accreditation) are not acceptable except for certification of competence in a language other than English.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet IGETC requirements will be honored **if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2011 and are valid through Summer 2012.**

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, 3 semester/4-5 quarter units.

English 101** or 101H**.

Group B: Critical Thinking-English Composition

1 course, 3 semester/4-5 quarter units.

English 102** or 102H** 103** or 103H**

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/4-5 quarter 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/12-15 quarter units, with at least one course from Group A and one course from Group B.

Group A: Arts (minimum 1 course)

Art 100** or 100H**, 101, 102, 103, 104, 105, 106, 108

Dance 100** or 100H**, 102, 105

Interdisciplinary Studies 121

Music 101** or 101H**, 102** or 102H**, 103, 104, 111, 211

Photography 150

Television/Video Communications 103, 104

Theatre Arts 100, 105

Group B: Humanities (minimum 1 course)

Chinese 102

English 102** or 102H**, 206, 220, 231, 232, 233A or 233B or 233C or 233D, 241, 242, 243, 245, 246, 271, 272, 278

French 102, 201** or 201H**, 202** or 202H**

History 101** or 101H**, 102** or 102H**, 150, 151, 153, 163*

Interdisciplinary Studies 200

Japanese 102

Philosophy 106** or 106H**, 108, 112, 118

Sign Language 111, 112, 116

Spanish 102** or 102H**, 195A, 195B, 201** or 201H**, 202** or 202H**

Vietnamese 102.

AREA 4 - SOCIAL & BEHAVIORAL SCIENCES

3 courses, 9 semester/12-15 quarter 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

Communications and Media Studies 111

Criminal Justice 101

Economics 120, 121

English 104** or 104H**

Environmental Studies 200

Ethnic Studies 101** or 101H**, 102** or 102H**

Geography 100** or 100H**, 102** or 102H**

History 105, 118, 120** or 120H**, 121** or 121H**, 122**, 123, 124** or 124H**, 125, 127, 133, 146, 163*, 181

Human Development 107**

Interdisciplinary Studies 117H, 155

Political Science 101** or 101H**, 200** or 200H**, 201, 220, 235

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/9-12 quarter units with one Physical Science course and one Biological Science course; at least one must include a corresponding laboratory (indicated by "L" in parentheses).

Group A: Physical Science (1 course)

Astronomy 109, 110** or 110H**, 140(L)

Chemistry 109(L)**, 119(L)**, 209(L)**, 210(L), 219(L)** or 219H(L)**, 229(L)

Earth Science 110** or 110H**, 115(L), 150** or 150H**

Environmental Studies 140

Geography 101**, 101(L)

Geology 101**, 101(L), 140, 150** or 150H**, 201(L)

Physical Science 115(L), 117**, 118(L)**

Physics 109(L)**, 210(L)**, 211(L)**, 217(L)**, 227(L)**, 237(L)**, 279(L)**, 289(L)**.

Group B: Biological Science (1 course)

Anthropology 101, 101(L)

Biology 109** or 109H**, 109(L), 115(L), 139(L)**, 177, 211(L), 212(L), 214(L), 229(L)**, 239(L), 249(L), 259(L)

Planning to Transfer?

www.assist.org

assist

Your official source for California articulation and student transfer information.

Environmental Studies 259(L).

AREA 6A - LANGUAGE OTHER THAN ENGLISH (U.C. ONLY)

Satisfactory completion of two years of high school coursework in one language other than English with grades of "C-" or better**;

OR

completion of one of the following: Chinese 101, French 101, Japanese 101, Sign Language 110, Spanish 101 or 101H, or Vietnamese 101;

OR

satisfactory completion, with "C" grades or better, or two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English;

OR

satisfactory score in examinations of languages other than English: 3 or higher on College Board Advanced Placement Examinations, 5 or higher on International Baccalaureate Higher Level Examinations; SAT II: subject tests (see a counselor for required scores); A, B, or C on "O" Level exam; 5, 6, or 7 on "A" Level exam;

OR

satisfactory completion of an achievement test administered by a college in language other than English equivalent to two years of high school language. If an achievement test is not available a SAC faculty member may verify competency.

AMERICAN INSTITUTIONS REQUIREMENT

(Not part of IGETC. May be completed prior to transfer.)

CSU has a United States History, Constitution, and American Ideals graduation requirement that is separate from IGETC. Courses used to meet the CSU requirement can usually also be used in Area 3 or 4, although this is at the discretion of each CSU campus. To meet the CSU requirement, students should take Political Science 101** or 101H** **AND** one of the following courses: History 118, 120**, 120H**, 121**, 121H**, 122**, 123, 124**, 124H**, 127, 146.

UC has an American History and Institutions graduation requirement. UC requires the completion of a college course or courses with a grade of "C" or better OR a one-year course in high school in U.S. history or a half-year course in U.S. history and a half-year course in American government with grades of "C" or better (UCLA requires grades of "B"). UCSB requires the completion of a college course. If you are using college coursework to satisfy this requirement, check the appropriate UC catalog to determine which course(s) to take.

* Courses designated with an asterisk may be counted in one area only.

** Indicates that transfer credit may be limited by either UC or CSU or both. Please consult with a counselor for additional information.

*** High School transcript must be on file in the admissions office. Please consult with a counselor for additional information.

(L) Designates courses with a laboratory.

**SANTA ANA COLLEGE
SCHOOL OF CONTINUING EDUCATION**

FREE CLASSES! ENROLL NOW!

FALL SEMESTER BEGINS AUGUST 29

CONTINUOUS ENROLLMENT THROUGHOUT THE SEMESTER

For specific class schedules, see Centennial Education Center Schedule of Classes at our website:
http://ext.sac.edu/continuing_education/

*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)**
- Health & Safety**
- Test Preparation**
- Adult High School Diploma Program**
- Office Employment Training Program**
- Skills for Success**
- Parent Education**
- Spanish Literacy**

Saturday Classes Are Available!

714-241-5700

Centennial Education Center (CEC)
morning, afternoon & evening classes
2900 W. Edinger Ave.
Santa Ana 92704

Santa Ana High School
evening classes only
520 W. Walnut
Santa Ana 92704
(corner of 1st and Flower)

El Sol Academy
1010 N. Broadway,
Santa Ana 92704

Santa Ana College (SAC)
1530 W. 17th Street
Santa Ana 92706

Godinez Fundamental High School
3002 Centennial Road
Santa Ana 92704
(inside Centennial Park)

Classes Start August 29! Enroll Today!

**HOW TO REGISTER FOR
FREE CLASSES**

Registration for Tuition-Free, Noncredit Courses for Adults begin August 29, 2011. Students are registered on a first-come, first-served basis. Registration may be done in person throughout the semester:

VISIT OUR WEBSITE AT:

http://ext.sac.edu/continuing_education/

CENTENNIAL EDUCATION CENTER

2900 W. Edinger, Santa Ana, CA 92704
714-241-5700

REGISTRATION HOURS:

Monday–Thursday 8:00 am–8:45 pm
Friday 8:00 am–12:45 pm
Saturday 8:00 am–11:45 am

**SANTA ANA COLLEGE
SCHOOL OF CONTINUING EDUCATION**

PHONE LISTING

Registration/Admissions 714-241-5700
Adult High School Diploma Prog. 714-241-5720
Counseling 714-241-5720
Child Development Center. 714-241-5739
Citizenship 714-241-5730
Computer Classes. 714-241-5736

FALL SEMESTER 2011

Registration Begins. August 22
Instruction Begins. August 29
Labor Day (holiday). September 5
Veterans' Day (holiday) November 11
Thanksgiving (holiday) November 24-26
Instruction Ends December 17

SANTA ANA COLLEGE SCHOOL OF CONTINUING EDUCATION

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.

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.

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 with bilingual (Spanish/English) instruction.

HEALTH & SAFETY

Provides courses specifically designed to offer lifelong education to promote the health, safety and well-being of individuals, families and communities.

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.

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

Assists diverse students by providing academic guidance, personal and career counseling to achieve their lifelong goals.

DISABLED STUDENT PROGRAMS AND SERVICES

Assists 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

Provides outreach services to the community and assists with student recruitment.

CITIZENSHIP PROGRAM

The Citizenship Program strives to improve naturalization services to legal permanent residents in Orange County. This is accomplished through outreach, free educational classes and citizenship preparation workshops, which are open to the community. All services provided meet the requirements of the United States Citizenship and Immigration Services (USCIS) agency.

RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

SANTA ANA COLLEGE • SANTIAGO CANYON COLLEGE

MAJOR SITES

- 1 RSCCD Operations Center2323 N. Broadway.....Santa Ana
- 2 Santa Ana College (SAC)1530 W. 17th Street.....Santa Ana
- 3 Santiago Canyon College (SCC).....8045 E. Chapman Avenue.....Orange
- 4 SCC Orange Education Center (OEC)1465 N. Batavia StreetOrange
- 5 Centennial Education Center (CEC).....2900 W. Edinger AvenueSanta Ana
- 6 Orange County Sheriff’s Department Training Center (OCST).....1900 W. Katella Avenue.....Orange
- 7 Orange County Sheriff’s Regional Training Academy (CJTC).....15991 Armstrong Ave.....Tustin
- 8 Digital Media Center (DMC)1300 S. Bristol StreetSanta Ana
- 9 Joint Powers Training Center (JPTC CN).....18301 GothardHuntington Beach
- 10 Orange County Probation Department.....1001 S. Grand AvenueSanta Ana



SANTA ANA COLLEGE

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

SAC FACILITIES AND LOCATIONS

- A** Cesar Chavez Building /Business / Computer Lab
- B** Middle College High School
- C** Fine Arts / Art Gallery
- D** Dunlap Hall / Amphitheatre (west of bldg.)
- E** Fitness Center

- F** Locker Rooms
- G** Cook Gym
- H** Hammond Hall
- I** Classroom Building
- J** Auto Shop / Quick Center
- K** Welding / Auto Diesel
- L** Nealley Library
- M** Planetarium
- N** Music Building
- P** Phillips Hall Theatre
- Q** Concession
- R** Russell Hall
- S** Administration Building / Admissions / Counseling
- T** Technical Arts
- U** Johnson Center / Student Business Office / Bookstore / Cafeteria / International Students Program
- V** Early Childhood Education Center
- W** Exercise Science
- X** Security / Safety
- Z** Maintenance



(Tobacco use permitted in parking lots only.)

SAC PARKING

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