



# SANTA ANA COLLEGE



sac.edu



# Fall 2014

**Schedule of Classes • classes begin August 25**

Santiago Canyon College classes on reverse side.

# MESSAGE FROM THE PRESIDENT



Erlinda J. Martinez, Ed.D.

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 2014 COLLEGE CREDIT CLASS SCHEDULE

(August 25 – December 14, 2014)

### ADMISSIONS HOURS (see page 86 for Registration hours)

Monday – Thursday . . . . .	8:00 am – 6:45 pm	The college is closed December 22, 2014 through December 28, 2014 ❖ Office hours subject to change
Friday . . . . .	8:00 am – 4:30 pm	
Saturday (August 30) . . . . .	8:30 am – 12:30 pm	

### REGISTRATION CALENDAR

- July 14 – August 22, 2014 . . . . . Online registration for CONTINUING students
- August 4 – August 22, 2014 . . . . . New and returning students view your registration appointment online.
- August 18 – August 22, 2014 . . . . . Loss of Priority Registration students
- August 21 – August 22, 2014 . . . . . CAP (concurrent K–12) students register online
- August 25 – October 18, 2014 . . . . . Registration for late-starting classes continues online

### INSTRUCTIONAL CALENDAR

- August 25, 2014 . . . . . Instruction begins for Fall classes (full semester) and first GR8 Weeks session
- October 20, 2014 . . . . . Second GR8 Weeks classes begin
- December 8–14, 2014 . . . . . Final Exams Week

### CLASS ADD OR DROP DEADLINES

- September 7, 2014 . . . . . Last date to add a full-semester class with add code
- September 7, 2014 . . . . . 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 7, 2014 . . . . . 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
- November 16, 2014 . . . . . 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 9, 2014 . . . . . Last date to file pass/no pass for first GR8 Weeks classes
- September 26, 2014 . . . . . Last date to file pass/no pass for full-semester classes
- October 17, 2014 . . . . . Last date to petition for CSU and IGETC
- October 17, 2014 . . . . . Last date to petition for December certificates
- October 17, 2014 . . . . . Last date to petition for December graduation
- November 4, 2014 . . . . . 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 1, 2014 . . . . . Labor Day (Monday)
- November 11, 2014 . . . . . Veterans Day (Tuesday)
- November 27–30, 2014 . . . . . Thanksgiving Day (Thursday-Sunday)
- December 22–28, 2014 . . . . . Holiday Break
- January 1, 2015 . . . . . New Year’s Day (Thursday)



**CLICK ON ANY WEB URL IN THIS SCHEDULE TO ACCESS THAT SITE.**

**CLICK ON ANY PAGE NUMBER REFERENCE TO ACCESS THAT PAGE.**

# WE'RE HERE TO HELP . . .

## Answers to your questions about

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

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

TO CONTACT OR LEARN ABOUT . . .	ADMINISTRATOR/CONTACT	LOCATION	TELEPHONE
Academic Computing Center . . . . .	Michael T. Nguyen . . . . .	SAC, Cesar Chavez Building, A-106 . . . . .	714-564-6731
Acquired Brain Impairment Program . . . . .	Renee Miller . . . . .	SAC, Planetarium, L-222-5 . . . . .	714-564-6280
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
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, Kinesiology 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 . . . . .	Ann Lockhart . . . . .	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
<b>Centennial Education Center (CEC)</b> . . . . .	. . . . .	<b>CEC, 2900 W. Edinger, Santa Ana, CA 92704</b> . . . . .	<b>714-241-5700</b>
Center for International Trade Development . . . . .	Jetza Torres . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706, Room 328 . . . . .	714-564-5414 or 5415
Child Development Services . . . . .	Janneth Linnell . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 . . . . .	714-480-7546
<i>Santa Ana College</i> . . . . .	Zeferina Gonzalez, Enriqueta Isais . . . . .	SAC, Child Development Center, 1730 W. 17th St., Santa Ana . . . . .	714-564-6894
<i>Santa Ana College East Campus</i> . . . . .	Mary O'Neill . . . . .	1510 N. Parton, Santa Ana . . . . .	714-564-6952
<i>Centennial Education Center</i> . . . . .	Maria Castellon . . . . .	CEC, 2900 W. Edinger, Santa Ana . . . . .	714-241-5739
<i>Early Head Start</i> . . . . .	My Le Pham . . . . .	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 T. Nguyen . . . . .	SAC, Cesar Chavez Building, A-106 . . . . .	714-564-6731
<b>Continuing Education Division, CEC</b> . . . . .	. . . . .	<b>CEC, 2900 W. Edinger, Santa Ana</b> . . . . .	<b>714-241-5700</b>
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
<b>Criminal Justice, OC Sheriff's Regional Training Academy</b> , Ron Coopman . . . . .	. . . . .	<b>15991 Armstrong Ave., Tustin, 92782</b> . . . . .	<b>714-566-9200</b>
CTE Transitions . . . . .	John Kalko . . . . .	SAC, Russell Hall, R-105 . . . . .	714-564-6629
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 Beltran . . . . .	SAC, Johnson Campus Center, U-103 . . . . .	714-564-6295
<b>Digital Media Center</b> . . . . .	Gustavo Chamorro . . . . .	<b>DMC, 1300 S. Bristol Street, Santa Ana, CA 92708</b> . . . . .	<b>714-241-5812</b>
Disabled Student Programs and Services (see page 79) . . . . .	. . . . .	SAC, Johnson Campus Center, U-103 . . . . .	714-564-6264
Distance Education (Online Classes) . . . . .	Cherylee Kushida . . . . .	SAC, Cesar Chavez Building, A-101 . . . . .	714-564-6725
<b>DISTRICT SAFETY AND SECURITY</b> . . . . .	Alistair Winter . . . . .	<b>RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706</b> . . . . .	<b>714-480-7331</b>
<b>DIVISIONS/DEPARTMENTS</b>			
Business . . . . .	Allen Dooley . . . . .	SAC, Cesar Chavez Building, A-103 . . . . .	714-564-6750
Career Education & Workforce Development . . . . .	Bart Hoffman . . . . .	SAC, Russell Hall, R-107 . . . . .	714-564-6800
Counseling . . . . .	Micki Bryant . . . . .	SAC, Administration Building, S-106 . . . . .	714-564-6078
Fine & Performing Arts . . . . .	Eve Kikawa . . . . .	SAC, Cesar Chavez Building, A-109 . . . . .	714-564-5600
Humanities & Social Sciences . . . . .	Shelly Jaffray . . . . .	SAC, The Village . . . . .	714-564-6500
Human Services & Technology . . . . .	Bart Hoffman . . . . .	SAC, Russell Hall, R-107 . . . . .	714-564-6800
Kinesiology, Health and Athletics . . . . .	Avie Bridges . . . . .	SAC, Kinesiology Building, W-102 . . . . .	714-564-6900
Science, Math, and Health Sciences . . . . .	Cher Carrera . . . . .	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 714-564-6264.

### CLASS SCHEDULE

also available online at [www.sac.edu](http://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 94.

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
<b>EMERGENCY</b> . . . . .	SAC District Safety Staff . . . . .	<b>SAC, Security/Safety Building, X-100</b> . . . . .	<b>714-564-6333</b>
Emergency Services ( <i>Earthquake Preparedness</i> ) . . . . .	Alistair Winter . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 . . . . .	714-480-7330
English as a Second Language . . . . .	Shelly Jaffray . . . . .	SAC, The Village . . . . .	714-564-6500
Environmental Safety/Crime Prevention . . . . .	Alistair Winter . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana . . . . .	714-480-7330
EOPS/CARE . . . . .	Christine Leon . . . . .	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 . . . . .	Don Mahany . . . . .	SAC, Cesar Chavez Building, A-113 . . . . .	714-564-6845
Foundation . . . . .	Christina Romero . . . . .	SAC, Administration Building, S-201 . . . . .	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 . . . . .	Alistair Winter . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana . . . . .	714-480-7330
Health Services . . . . .	Rebecca Barnard . . . . .	SAC, Johnson Campus Center, U-120 . . . . .	714-564-6216
Honors Transfer Program . . . . .	Kathy Patterson . . . . .	SAC, The Village . . . . .	714-564-6528
Human Resources . . . . .	John Didion . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 . . . . .	714-480-7484
I-20 Form . . . . .		SAC, B-12 . . . . .	714-564-6047
Information, General . . . . .	Admissions/Records Staff . . . . .	SAC, S-101 . . . . .	714-564-6000
International Students . . . . .	Carmelita Eustaquio . . . . .	SAC, U-204C . . . . .	714-564-6047
Learning Center . . . . .	Kathy Walczak . . . . .	SAC, Johnson Campus Center, U-202 . . . . .	714-564-6569
Learning Disabilities . . . . .	Louise Janus . . . . .	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
Nursing . . . . .	Becky Miller . . . . .	SAC, Russell Hall, R-213 . . . . .	714-564-6825
Office of School & Community Partnerships . . . . .	Lilia Tanakeyowma . . . . .	SAC, Administration Building, S-214 . . . . .	714-564-6970
Online Classes/Distance Education . . . . .	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 Beltran . . . . .	Johnson Campus Center, U-103 . . . . .	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 & Publications (RSCCD) . . . . .	Judy Iannaccone . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 . . . . .	714-480-7500
Public Service Institute, Business Seminars . . . . .	Dianne Freeman . . . . .	SAC, Cesar Chavez Building, A-107-8 . . . . .	714-564-6763
Puente Program . . . . .	Reina Sanabria . . . . .	SAC, Administration Building, S-134 . . . . .	714-564-6135
<b>RSCCD District Office</b> . . . . .		<b>RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706</b> . . . . .	<b>714-480-7300</b>
Rancho Santiago Community College District Foundation . . . . .	Enrique Perez . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 . . . . .	714-480-7460
Registration . . . . .	SAC Registration Staff . . . . .	SAC, Administration Building, S-101 . . . . .	714-564-6005
Research Department . . . . .	Nga Pham . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 . . . . .	714-480-7468
Residency . . . . .	SAC Admissions/Records Staff . . . . .	SAC, Administration Building, S-101 . . . . .	714-564-6005
Resource Development Department . . . . .	Sarah Santoyo . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 . . . . .	714-480-7463
Santa Ana Civic Leadership Initiative . . . . .		SAC, Johnson Campus Center, U-121A . . . . .	714-564-6363
Scholarships . . . . .	Peggy Card-Govela . . . . .	SAC, Administration Building, S-201 . . . . .	714-564-6478
<b>Security</b> . . . . .	John Follo . . . . .	SAC, Security/Safety Building, X-100 . . . . .	714-564-6330
Service Learning Center . . . . .	John Vu . . . . .	SAC, Johnson Campus Center, U-204 A/B . . . . .	714-564-6362
Small Business Development Center, Orange County . . . . .	Leila Mozaffari . . . . .	RSCCD, 2323 N. Broadway, Rm. 201, Santa Ana, CA 92706 . . . . .	714-564-5200
Spanish Language Telephone Assistance . . . . .		SAC . . . . .	714-564-6100
Speech Language Pathology Assistant Program . . . . .	Monica Porter . . . . .	SAC, Library Building, L-220-3 . . . . .	714-564-6668
Student Activities . . . . .		SAC, Johnson Campus Center, U-121A . . . . .	714-564-6210
Student Affairs . . . . .	Loy Nashua . . . . .	SAC, Johnson Campus Center, U-121 . . . . .	714-564-6211
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 . . . . .	George Sweeney . . . . .	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
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
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 . . . . .	Loy Nashua . . . . .	SAC, Russell Hall, R-101 . . . . .	714-564-6050
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](http://www.sac.edu) SANTIAGO CANYON COLLEGE – [www.scollege.edu](http://www.scollege.edu) RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT – [www.rscgd.edu](http://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 2014 may complete registration online via WebAdvisor.
- **New Students and Former (Returning) Students**  
Students enrolling for the first time or who are returning after **not** attending Spring 2014 must complete an Admission application **by applying online at [www.sac.edu](http://www.sac.edu)**.

### 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

### REGISTRATION PRIORITIES

- Active Military/Veterans/Foster Youth and CalWorks  
– priority by law
- EOPS/DSPS and Athletes
- Continuing

### CONTINUING STUDENT

You are a continuing student if you were enrolled in college credit classes at SAC during the Spring 2014 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/Summer 2014 at SAC & SCC only.**
- Use any computer to enroll.
- **Continuing students** who do not meet the early registration deadline may register online until the Friday 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 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. Submit an application online, [www.sac.edu](http://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](http://www.sac.edu/online_counseling).

#### NEW STUDENT REGISTRATION

- All new students to SAC are encouraged to complete matriculation services (testing, orientation, and advisement).
- To complete placement testing (assessment), you must first submit an Admission application online at [www.sac.edu](http://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/student-services/testingcenter/](http://www.sac.edu/student-services/testingcenter/).
- 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](http://www.sac.edu).
- Students can view their registration date online via Web Advisor.

### LATE REGISTRATION AND ADD PERIOD (AUG. 25 TO SEPT. 7)

- **Instructor signature or add codes are required on all adds after the semester begins.**
- Use the computer to drop classes through the established drop date (75% of the way through a class). **To avoid fees, drop by September 7, 2014 for full-term classes, and 10% of the class for other non full-term classes.** Please refer to section information via WebAdvisor.

### 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 add code to add the course (Log in to WebAdvisor often to check your status on the waitlist).

### 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](http://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

### REGISTRATION CONTACT INFORMATION

Call 714-564-6005 if you have questions.

**Santa Ana College**

Admissions Office,  
Room S-101

Monday–Thursday, 8:00am–6:45pm

Friday, 8:00am–4:30pm

### STUDENT RESPONSIBILITY TO DROP CLASSES AFTER SEMESTER BEGINS

Students who have enrolled and paid for classes and decide not to attend must drop full-semester classes before Sunday, September 7, 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 must 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 7 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 7!**

### ONLINE REGISTRATION & RECORDS

Check the college website at [www.sac.edu](http://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**
- **Add or drop classes**
- **Pay fees online immediately**

**MORE REGISTRATION INFORMATION ...**

# ONLINE REGISTRATION



## FALL 2014 REGISTRATION

is available for continuing students enrolled at SAC during Spring 2014. 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](http://www.sac.edu/online_counseling)

## WebAdvisor REGISTRATION STEP-BY-STEP

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



# FEES AND REFUNDS

## STUDENT FEES

### ENROLLMENT FEE

The Enrollment Fee is \$46.00 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: \$220.00 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 \$19.00 per semester (\$16.00 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.

### COLLEGE ACTIVITIES FEE

A College Activities 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 85 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			
\$46	x	_____	= _____
		units	
NON-RESIDENT TUITION			
\$220	x	_____	= _____
		units	
HEALTH FEE (\$19 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 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 College Activities Fees

Students who withdraw from full semester classes by Sunday, September 7, 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 7, 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 14 day 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](http://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

### WHO should complete testing?

All students should complete testing. It is required if you are planning to enroll in English, ESL, Reading, Math and some science classes. It is required in order to retain your priority registration date. Under certain circumstances you may be exempt from testing. For more information, go to the Counseling Division Homepage on the SAC Website and look under Student Success and Support Services Program (3SP).

### 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/StudentServices/TestingCenter](http://www.sac.edu/StudentServices/TestingCenter).

### WHAT if I tested at another college?

If you tested within the last two years in English, the 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 Counseling Center at Santa Ana

College, as soon as possible to determine whether it is necessary to complete testing at SAC. ESL test scores from other institutions are not accepted. If your test scores are over two years old in English or one year old in math, you will need to retest.

### HOW do I complete testing?

1. New students must first submit an online application to the college. After approximately 3 days a student number will be sent via email to the student.
2. Continuing students should complete placement testing during the regular semester.
3. Computer-based CTEP English, reading and math are offered on a walk-in basis throughout the semester (except during finals).
4. A more intensive testing schedule for Fall semester is shown on page 9 of this schedule, beginning July 21.
5. Appointments for placement tests can be made online at: [www.sac.edu/student-services/testing-center](http://www.sac.edu/student-services/testing-center).
6. After testing, new students will be scheduled for a group orientation and advisement session with a counselor where they will receive placement test results, information on the college educational system, and programs and services, as well as assistance in developing an abbreviated educational plan.
7. **Disability Accommodations:** Students who require disability related accommodations for placement tests need to contact the Disabled Student Program & Services (DSPS) at (714) 564-6264 to obtain an accommodation referral form.

### 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 assessment and course placement services with the Dean of Counseling. Call 714-564-6078.

## STUDENT SUCCESS AND SUPPORT PROGRAMS

In an effort to promote student success, placement testing, orientation and development of an educational plan are core services required of all entering students as mandated by the Student Success and Support Program, 3SP, (effective Fall 2014). Not completing these core services may result in the loss of priority registration. To begin to complete the 3SP core requirements, go to [www.sac.edu/student-services/testing-center](http://www.sac.edu/student-services/testing-center) and schedule an appointment for placement testing.

After you complete placement testing, you will receive an appointment for orientation and advisement. During orientation and advisement a counselor will inform you of the many services available to help you achieve success in college. The counselor will also assist you in developing an abbreviated educational plan.

If you completed placement testing at another college, please bring your placement test results to the Counseling Center to determine if you are exempt from assessment and may be referred to alternate core services.

Under certain conditions students may be exempt from the 3SP requirements. To see if you are exempt, go to the Counseling Division Homepage on the SAC Website and look under Student Success and Support Services Program (3SP).

## MORE TEST INFORMATION AND TESTING SCHEDULES . . .

# TESTS - PLACEMENT & FINAL EXAMINATIONS

## SANTA ANA COLLEGE FALL 2014

### PLACEMENT TESTING SCHEDULE

- All students must have a testing appointment. To schedule an appointment for the following dates listed below you may go to [www.sac.edu/student-services/testing-center](http://www.sac.edu/student-services/testing-center).
- ELIGIBILITY FOR TESTING
  - 1) Must have submitted a completed application to the college and received a Datatel ID number,
  - 2) Have not previously tested during the last semester for English and Math or last year for Reading and ESL.
  - 3) Must have picture I.D.
- An orientation and advisement appointment where you will receive test results as well as assistance in developing an abbreviated educational plan will be scheduled for you when you complete testing.
- Please arrive 30 minutes early

DATE	CTEP (Eng/Read) – Room L-221	MATH – Room L-221	TELD (EMLS) – Room L-221	MATH – Room L-221
Monday, July 21	9:00 am	10:30 am		
Tuesday, July 22	9:00 am	10:30 am		
Wednesday, July 23			9:00 am	10:30 am
Thursday, July 24	9:00 am	10:30 am		
Monday, July 28	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, July 29	9:00 am	10:30 am	6:00 pm	7:30 pm
Wednesday, July 30	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Thursday, July 31	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Monday, August 4	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 5	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, August 6	6:00 pm	7:30 pm	9:00 am	10:30 am
Thursday, August 7	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Monday, August 11	9:00 am, 1:00 pm & 6:00 pm	10:30 am, 2:30 pm & 7:30 pm		
Tuesday, August 12	9:00 am & 1:00 pm	10:30 am & 2:30 pm	6:00 pm	7:30 pm
Wednesday, August 13	9:00 am, 1:00 pm & 6:00 pm	10:30 am, 2:30 pm & 7:30 pm		
Thursday, August 14	9:00 am, 1:00 pm & 6:00 pm	10:30 am, 2:30 pm & 7:30 pm		
Monday, August 18	9:00 am, 1:00 pm & 6:00 pm	10:30 am, 2:30 pm & 7:30 pm		
Tuesday, August 19	9:00 am, 1:00 pm & 6:00 pm	10:30 am, 2:30 pm & 7:30 pm		
Wednesday, August 20			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.

**Math Only Placement Tests Wednesdays:** July 23 at 1:00 pm, July 30 at 4:00 pm, August 6 at 1:00 pm, and August 20 at 1:00 pm and 4:00 pm

### 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 at 1:00 pm and 4:00 pm, as well as on July 31, August 7 and August 21 at 1:00 pm and 4:00 pm.

### SANTA ANA COLLEGE FALL 2014 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 14. 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 18, 2014.**

# 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 87 of this schedule for more information.

## NONDISCRIMINATION POLICY

The Rancho Santiago Community College District is committed to equal opportunity in educational programs, employment, and all access to institutional programs and activities. The District, and each individual who represents the District, shall provide access to its services, classes, and programs without regard to national origin, religion, age, gender, gender identity, gender expression, race, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, or because he or she is perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics. 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.

## POLITICA DE NO DISCRIMINACION

El Distrito Colegial Comunitario Rancho Santiago está comprometido a ofrecer la igualdad en oportunidades para programas educativos, empleos, y a todo acceso a los programas y actividades institucionales. El Distrito, y cada persona que representa al Distrito, debe proveer acceso a sus servicios, clases y programas sin importar el lugar de nacimiento, religión, edad, sexo, identidad de género, expresión del género, raza, color, condición médica, información genética, descendencia familiar, orientación sexual, estado civil, discapacidad física o mental, o por creer que él o ella tiene una o más de las características mencionadas, o en base a estar relacionado con una persona o grupo que se cree tenga algunas de estas características. Preguntas sobre el cumplimiento y/o el procedimiento para quejas pueden ser dirigidas al Oficial del Distrito a cargo del Título IX de RSCCD o al Coordinador de Sección 504/ADA de RSCCD: RSCCD Title IX Officer and Section 504/ADA Coordinator: John Didion, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.

### CHÍNH SÁCH BẤT KỲ THỊ

Khu Học chánh Đại học Rancho Santiago Community College District luôn tôn trọng cơ hội bình đẳng trong các chương trình giáo dục, trong việc thuê mượn nhân viên, và trong tất cả các chương trình học và sinh hoạt. Khu Học chánh và mỗi cá nhân đại diện cho Khu Học chánh sẽ cung cấp dịch vụ, lớp học và chương trình cho mọi người mà không phân biệt nguồn gốc quốc gia, tôn giáo, tuổi tác, phái tính, đặc điểm phái tính, cách thể hiện phái tính, chủng tộc, màu da, tình trạng sức khoẻ, thông tin di truyền, nguồn gốc tổ tiên, khuynh hướng tính dục, tình trạng hôn nhân, có bị khuyết tật hay bệnh tâm thần, hoặc vì cá nhân đó được cho là có một hay nhiều hơn một đặc tính kể trên, hoặc dựa vào sự liên quan của cá nhân đó với một cá nhân hay một nhóm thật sự có hoặc được cho là có một hay nhiều hơn một đặc tính kể trên. Nếu có thắc mắc về việc tuân thủ luật lệ và/hoặc về thủ tục khiếu nại, xin liên lạc viên chức phụ trách chương trình Title IX (Title IX Officer) và/hoặc phối trí viên chương trình 504/ADA (Section 504/ADA Coordinator) của Khu Học chánh. Viên chức chương trình Title IX và chương trình 504/ADA của Khu Học chánh RSCCD là: John Didion, địa chỉ liên lạc là: 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.

## PHOTOGRAPHY:

Santa Ana College/Santiago Canyon College, a non-profit California Community College, reserves the right to use photography and video images of students and visitors, age 18 and older, taken on our property and at college-sponsored events for marketing and promotional purposes. Objection to the use of an individual's photograph may be made in writing to Public Affairs and Publications, RSCCD District Office, 2323 N. Broadway, Suite 408, Santa Ana, CA 92706.

## 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 has up to three enrollments in the same course (SAC and SCC combined) to receive a passing grade. After three attempts, the student can no longer register for the course within this college district. After two attempts, the student loses the ability to register for the class online. A Course Repetition Petition form must be completed with the counselor's approval prior to submission to the Admissions Office.

## NON REPEATABLE COURSES

A student who earns a D, F, or NP (No Pass) grade may repeat the course twice to improve the grade of the substandard work. The last grade earned will count in the GPA calculation.

## 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.

## 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 7, 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 7, 2014 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 the section information via WebAdvisor for deadlines.

Students may drop and receive a "W" grade between September 8 and November 16, 2014. **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 26, 2014. **Pass/No Pass petitions for classes less than a semester in length must be submitted before 30% of the class expires. Pass/No Pass courses may NOT be taken in the student's major field and a maximum of 12 units of pass/no pass are allowed toward a degree program.** Pass/no pass does not include credit by examination. Deadlines for P/NP forms are final! **Pass/No Pass status cannot be changed back to a letter grade.** A&G petitions will not be approved.

## TRANSCRIPTS

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

## TEST SCORES

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

## GRADES DUE AND AVAILABLE

Final course grades are available:

- online, by visiting the websites at [www.sac.edu](http://www.sac.edu) (SAC)

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

- FALL semester grades are due on Thursday, December 18, 2014.
- Once the instructor submits grades ONLINE, students can view grades 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.

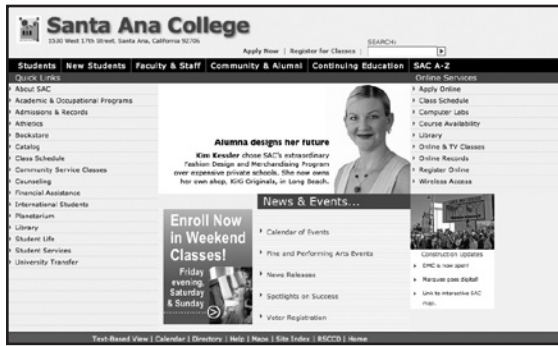
## RSCCD TOTAL CRIME STATISTICS ON CAMPUS

for the complete Annual Crime/Security Report go to [www.rscdd.edu/Departments/Security-and-Public-Safety](http://www.rscdd.edu/Departments/Security-and-Public-Safety)

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

Crime	2010	2011	2012
Murder	0	0	0
Negligent manslaughter	0	0	0
Forcible sex offense	0	1	1
Non-forcible sex offense	0	0	0
Robbery	2	4	3
Aggravated assault	0	1	1
Burglary	2	6	5
Motor vehicle theft	3	4	10
Arson	0	0	0
Illegal weapons possession	1	0	2
Drug law violation	5	9	8
Liquor law violation	6	2	2
Grand theft (over \$950)	12	8	2
Larceny from vehicle	34	11	24
Hate crimes (all categories)	0	0	0

[WWW.SAC.EDU](http://WWW.SAC.EDU)



## RECORDS, TRANSACTIONS, AND INFORMATION AVAILABLE ONLINE at [WWW.SAC.EDU](http://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](http://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

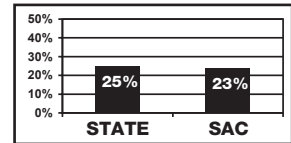
## SANTA ANA COLLEGE RATES OF STUDENT PROGRESS STUDENT RIGHT-TO-KNOW ACT

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 full-time freshmen who entered RSCCD colleges in Fall 2009, the “completion rate” represents those students who earned an Associates Degree, Certificate of Achievement, or 60 UC/CSU transferable credits within three years.

### 2009 COHORT COMPLETION RATE

STATE	25%
SAC	23%



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

### 2009 COHORT TRANSFER RATE

STATE	14%
SAC	10%



These rates do not represent the success rates of the entire student population at SAC nor do they account for student outcomes occurring after this three-year tracking period.

## 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](http://www.donbookstore.com)**

**FALL 2014 books sold online beginning August 4.**

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

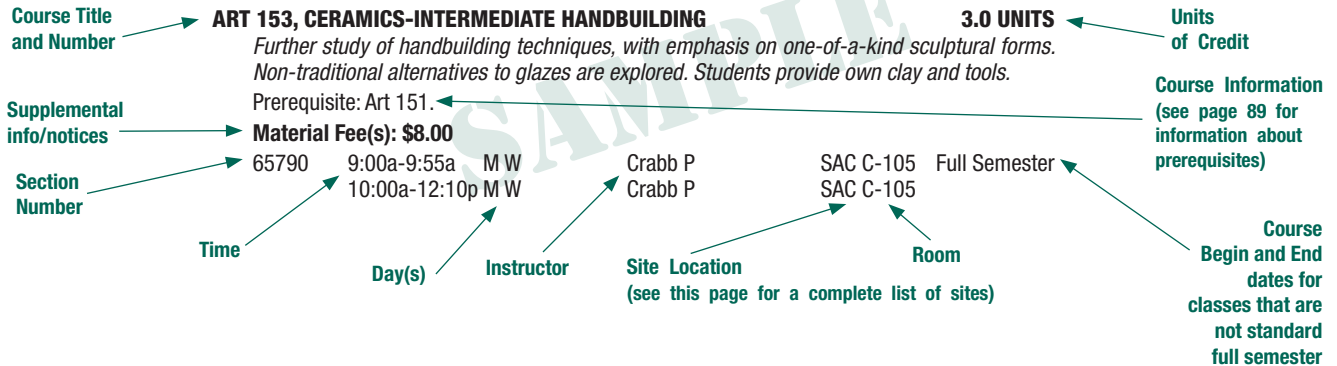
**Business Skills • Communication • Computer Skills  
Office Management • Self Improvement**

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 **714-564-6763**, or visit <http://sacpsi.org>.








# SCHEDULE OF CLASSES

## How to read the College Credit Class Schedule

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



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

-  HONORS COURSES – Look for the Honors course torch symbol in the schedule or check the SAC listing on page 17.
-  ONLINE CLASSES – Look for the Online class symbol in the schedule or check the complete list on pages 19–23
-  HYBRID CLASSES – Look for the Hybrid class symbol in the schedule or check the complete list on pages 19–23
-  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 16.
-  OER – OPEN EDUCATIONAL RESOURCES – (OER) used in replacement of purchased textbooks (zero-textbook cost).

## LOCATIONS

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

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

**COL** College Hospital  
301 Victoria Street, Costa Mesa

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

**FV** Fountain Valley Regional Hospital  
17100 Euclid, Fountain Valley

**HOAG** Hoag Memorial Hospital  
One Hoag Drive, Box 6100  
Newport Beach

**JPT-CN** Joint Powers Training Center Central Net  
18301 Gothard, Huntington Beach

**KAISER** Kaiser-Anaheim  
3440 E. La Palma, Anaheim

**MH** Mission Hospital  
27700 Medical Center Road  
Mission Viejo

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

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

**SJH** St. Joseph Hospital  
1100 Stewart Drive, Orange

**UCI** UCI Medical Center  
101 City Drive South, Orange

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

The Santa Ana College campus map is printed on page 97



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 2014

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES	
ACCT	032	85901	7:00p-9:20p	M	Anderson J	SAC A-228	08/25-10/13
ACCT	035	85903			Anderson J	SAC WEB	08/25-10/17
ACCT	035	85905	6:00p-10:15p	Tu	McCallick M	SAC A-228	08/26-10/14
ACCT	101	89299			Staff	SAC WEB	08/25-10/17
ACCT	113	85929	6:00p-10:10p	W	Siebert P	SAC A-222	08/27-10/15
ANTH	100	86053	1:00p-4:20p	MW	Staff	SAC VL-301	08/25-10/15
ANTH	101	86067	9:30a-12:40p	TuTh	Robertson M	SAC VL-204	08/26-10/16
ANTH	101L	86072	1:00p-4:10p	TuTh	Robertson M	SAC VL-204	08/26-10/16
Art	100	86208	6:00p-9:10p	F	Redfield M	SAC C-104	08/29-10/18
AND			12:30p-3:40p	Sa	Redfield M	SAC C-104	
AUTO	086	88637	6:00p-10:15p	F	Wilkes D	SAC J-102	08/29-10/17
BANK	010	88591	9:00a-2:50p	Sa	Trabant T	SAC A-207	08/30-10/04
BIOL	128	89308			Lopez J	SAC FLDTRP	09/23-10/14
AND			5:30p-7:00p	Tu	Lopez J	SAC R-219	
BIOL	191	87615	9:00a-3:30p	Sa	Takahashi M	SAC I-202	08/29-10/18
AND			9:00a-3:30p	F	Takahashi M	SAC R-228	
BUS	100	87851			Doolittle G	SAC WEB	08/25-10/17
BUS	110	87862	6:00p-10:00p	Tu	Grant M	SAC A-203	08/26-09/16
BUS	111	87863	6:00p-10:00p	Tu	Shweiri G	SAC A-203	09/23-10/14
BUS	125	87870			Stewart L	SAC WEB	08/25-10/17
BUS	141	87904			Stewart L	SAC WEB	08/25-09/19
BUS	142	87905			Stewart L	SAC WEB	09/22-10/17
BUS	147	87598	6:00p-10:00p	Th	Doolittle G	SAC A-203	08/28-09/18
BUS	148	87599	6:00p-10:00p	Th	Staff	SAC A-203	09/25-10/16
BUS	150	88147			Kushida C	SAC WEB	08/25-10/17
BUS	165	87910			Long R	SAC WEB	09/22-10/17
BUS	166	87909			Long R	SAC WEB	08/25-09/19
BA	035	87072	9:00a-12:10p	Sa	Staff	SAC A-222	08/30-10/18
BA	035	87264	1:15p-2:35p	TuTh	Dutton Jr D	SAC A-224	08/26-10/16
BA	188	87101			Montiel-Childress D	SAC WEB	08/25-10/17
BA	188	87102	6:30p-9:40p	F	Nguyen T	SAC A-228	08/29-10/17
BA	190	87105			Lehrer C	SAC WEB	08/25-10/17
CMST	101	86170	6:10p-9:20p	F	Holder V	SAC C-207	08/25-10/18
AND			9:00a-12:10p	Sa	Holder V	SAC C-207	
CMST	102	86636	6:00p-9:10p	MW	Fondren S	SAC C-214	08/25-10/15
CMST	140	86657	1:00p-4:10p	TuTh	Lockwood L	SAC C-214	08/26-10/16
CNSL	114	86303	4:15p-6:20p	Th	Robledo J	SAC I-108	08/28-10/16
CNSL	116	86725			Sadler D	SAC WEB	08/25-10/17
CJA	009B	89991	6:00p-8:00p	TuTh	Sneddon M	CJTC-SD	08/26-09/18
CJA	010	89993	6:00p-10:00p	TuTh	Staff	CJTC-SD	09/16-10/11
AND			8:00a-12:00p	Sa	Staff	CJTC-SD	
CJA	026A	89976	7:00a-4:00p	Sa	Staff	CJTC-SD	09/06-09/13
ECON	120	89307			Ho L	SAC HYBRID	08/25-10/18
AND			9:00a-11:00a	Sa	Ho L	SAC I-107	08/25-10/18
ECON	120	86215	7:00p-10:10p	TuTh	Meister D	SAC I-107	08/26-10/16
ENGR	012	87961			Castellanos C	SAC HYBRID	08/26-10/14
AND			6:00p-10:10p	Tu	Castellanos C	SAC A-216	
ENGR	100A	87605	6:00p-10:10p	Tu	Le K	SAC A-222	08/26-10/14
ENGR	100B	87610			Sherod S	SAC WEB	08/25-10/17
ENGL	N50	86808	6:00p-10:05p	F	Cervantes M	SAC I-104	08/29-10/04
AND			9:00a-1:05p	Sa	Cervantes M	SAC I-104	
ENGL	N50	86812	6:00p-10:05p	F	Staff	SAC I-206	08/29-10/04
AND			9:00a-1:05p	Sa	Staff	SAC I-206	
ENGL	N50	86813	6:00p-10:05p	F	Staff	SAC I-201	08/29-10/04
AND			9:00a-1:05p	Sa	Staff	SAC I-201	
ENGL	N60	86830	6:00p-10:05p	F	Taylor J	SAC VL-209	08/29-10/18
AND			9:00a-1:05p	Sa	Taylor J	SAC VL-209	
ENGL	061	86446	9:00a-1:15p	MW	Ramshaw C	SAC I-104	08/25-10/15
ENGL	061	86455	9:00a-1:15p	TuTh	Higgins M	SAC VL-307	08/26-10/16
ENGL	061	86452	12:00p-4:30p	MW	Higgins M	SAC VL-106	08/25-10/15
ENGL	061	86441	12:30p-4:45p	TuTh	Tran M	SAC I-201	08/26-10/16

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES	
ENGL	101	86509	7:30a-11:45a	TuTh	Mitzner R	SAC VL-311	08/26-10/16
EMLS	107	86299	8:00a-11:15a	MTuWTh	Dwyer D	SAC A-228	08/25-10/16
EMLS	110	86369	8:00a-12:15p	TuTh	Hicks R	SAC I-104	08/26-10/16
ENR	101	87886	6:00p-10:00p	Tu	Thomason G	SAC A-207	08/26-09/16
ENR	102	87887	6:00p-10:00p	Tu	Kikawa E	SAC A-225	09/23-10/14
ENR	104	87889	6:00p-10:00p	Th	Fisher T	SAC A-207	08/28-10/16
ENR	120	87913			Carr B	SAC WEB	08/25-09/05
ENR	121	87915			Kowsari A	SAC WEB	09/08-09/19
ENR	122	87917			Macias V	SAC WEB	09/22-10/03
FAC	008	88671	7:30a-9:30a	Su	Sneddon M	JPT-CN	09/14-09/14
AND			9:30a-11:30a	Su	Sneddon M	JPT-CN	
GEOL	174	87938			Hughes P	SAC FLDTRP	09/26-10/24
AND			4:00p-5:00p	F	Hughes P	SAC R-111	
HIST	121	86940	1:00p-4:10p	TuTh	Ghelfi G	SAC VL-305	08/26-10/16
HUD	215	89183	6:00p-10:10p	Th	Oliveira-Foster C	SAC V-150	08/28-10/16
AND			8:00a-4:00p	Sa	Oliveira-Foster C	SAC V-150	
KNHE	101	87697			Breig D	SAC WEB	08/25-10/17
KNHE	102	87954			Nutter K	SAC WEB	08/25-10/17
KNHE	104	87684			Abbey T	SAC WEB	08/25-10/17
KNHE	105	89275	7:30a-8:50a	TuTh	Gorrie R	SAC G-107	08/25-10/16
KNHE	107	89274	9:00a-9:50a	TuTh	Gorrie R	SAC G-107	08/25-10/16
KNPR	150	87942			Luppani M	SAC WEB	08/25-10/17
MKTG	123	87901	6:00p-10:00p	Th	Hie M	SAC A-226	08/28-09/18
MKTG	124	87902	6:00p-10:00p	Th	Romero C	SAC A-226	09/25-10/16
MKTG	125	87903			Russo J	SAC WEB	08/25-10/17
MATH	060	88029	7:30a-9:35a	MTuWTh	Powers R	SAC R-318	08/25-10/16
MATH	060	87999	2:45p-4:50p	MTuWTh	Meier K	SAC I-102	08/25-10/16
MATH	060	88030	6:00p-8:05p	MTuWTh	Meyers Giddings	JSAC R-303	08/25-10/16
MATH	060	89294	7:15p-9:20p	MTuWTh	Camacho O	SAC I-204	08/25-10/16
MATH	160	87798	1:00p-3:05p	MTuWTh	Brown Z	SAC F-102	08/25-10/16
MUS	142	86403	11:30a-12:35p	MW	Kehlenbach E	DMC-204	08/25-10/15
AND			12:45p-1:35p	MW	Kehlenbach E	DMC-204	
MUS	146	86419	12:00p-1:25p	TuTh	Kehlenbach E	DMC-204	08/26-10/16
AND			1:35p-3:00p	TuTh	Kehlenbach E	DMC-204	
MUS	146	86420	6:00p-9:20p	M	Staff	DMC-204	08/25-10/15
AND			6:00p-9:20p	W	Staff	DMC-204	
OTA	202	88629	TBA		Hyman D	SAC	08/25-10/17
PARA	100	87658	8:00a-11:30a	Sa	Williamson K	SAC A-130	08/30-10/11
AND			12:00p-3:30p	Sa	Williamson K	SAC A-130	
PARA	147	87595	6:00p-10:00p	Th	Doolittle G	SAC A-203	08/28-09/18
PARA	148	87596	6:00p-10:00p	Th	Staff	SAC A-203	09/25-10/16
PARA	198	90012	8:00a-12:40p	Sa	Tanner W	SAC A-205	08/30-10/11
PHAR	057	89780	6:00p-7:25p	TuTh	Nguyen N	SAC H-210	08/26-10/02
AND			7:35p-10:20p	TuTh	Nguyen N	SAC H-210	
PSYC	100	89310			Ortiz F	SAC WEB	08/25-10/17
READ	N90	87367	9:45a-12:55p	TuTh	Colunga M	SAC VL-110	08/26-10/16
SIGN	110	89040	9:00a-12:10p	TuTh	Yingst S	SAC I-206	08/26-10/16
SIGN	110	89027	9:30a-12:50p	MW	Williams D	SAC I-206	08/25-10/15
SOC	100	89311			Campbell A	SAC WEB	08/25-10/17
SPAN	101	87287			Guerrero-Phlaum M	SAC HYBRID	08/27-10/15
AND			2:00p-4:30p	W	Guerrero-Phlaum M	SAC VL-311	
STDY	091	86957	1:00p-3:05p	W	Coffman J	SAC G-107	08/27-10/15
STDY	109	86963	1:00p-4:20p	TuTh	Sanchez G	SAC I-202	08/26-10/16
THEA	110	87438	6:00p-9:10p	TuTh	Tavale N	SAC P-105	08/26-10/16
AND			9:20p-10:10p	TuTh	Tavale N	SAC P-105	
THEA	110	87439	1:10p-4:20p	TuTh	Cannon C	SAC P-105	08/26-10/16
AND			4:30p-5:25p	TuTh	Cannon C	SAC P-105	
THEA	135	87512	TBA		Tivenan V	SAC P-100	08/25-10/18
THEA	150	87515	TBA		Cannon C	SAC P-100	08/25-10/18
THEA	153	87517	TBA		Cannon C	SAC P-100	08/25-10/18
THEA	250	87519	TBA		Cannon C	SAC P-100	08/25-10/18



# 2ND 8-WEEK COURSES FOR FALL 2014

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT	032	85902		Anderson J	SAC WEB	10/20-12/12
ACCT	035	85904		Anderson J	SAC WEB	10/20-12/12
ACCT	035	85906	6:00p-10:20p	Tu	McCallick M	SAC A-228 10/21-12/09
ACCT	114	85930	6:00p-10:10p	W	Siebert P	SAC A-222 10/22-12/10
ACCT	124	85931	6:00p-8:05p	M	Sung L	SAC A-228 10/20-12/08
ANTH	101	86070	9:30a-12:45p	Tu Th	Robertson M	SAC VL-204 10/21-12/11
ANTH	101L	86133	1:00p-4:15p	Tu Th	Robertson M	SAC VL-204 10/21-12/11
Art	100	87419	6:00p-9:30p	F	Digiovanni E	SAC C-104 10/24-12/13
	AND		12:30p-4:00p	Sa	Digiovanni E	SAC C-104
BANK	010	88593	9:00a-2:50p	Sa	Trabant T	SAC A-207 11/01-12/13
BIOL	109	90319			Morris A	SAC WEB 10/20-12/12
BIOL	192	87617	9:00a-4:25p	Sa	Takahashi M	SAC I-202 10/24-12/13
	AND		9:00a-4:25p	F	Takahashi M	SAC R-228
BUS	106	87860			Doolittle G	SAC WEB 10/20-12/12
BUS	113	87864			Shweiri G	SAC HYBRID 10/21-11/11
	AND		6:00p-10:00p	Tu	Shweiri G	SAC A-203
BUS	114	87865	6:00p-10:00p	Tu	Shweiri G	SAC A-203 11/18-12/09
BUS	143	87906			Stewart L	SAC WEB 10/20-11/14
BUS	145	87907			Staff	SAC WEB 11/17-12/12
BUS	149	87600	6:00p-10:00p	Th	Staff	SAC A-203 10/23-11/13
BUS	150	89313			Kushida C	SAC WEB 10/20-12/12
BUS	163	87912			Long R	SAC WEB 11/17-12/12
BUS	164	87911			Long R	SAC WEB 10/20-11/14
BUS	222	87879			Woolgar D	SAC WEB 10/20-12/12
BA	043	87073	4:55p-6:55p	W	Staff	SAC A-224 11/12-12/03
BA	125	87088	9:00a-12:30p	Sa	Banh H	SAC A-226 10/25-12/13
BA	147	87089	9:00a-12:30p	Sa	Staff	SAC A-222 10/25-12/13
BA	147	87265	1:15p-2:50p	Tu Th	Dutton Jr D	SAC A-224 10/21-12/11
BA	189	87103			Montiel-Childress D	SAC WEB 10/20-12/12
BA	189	87104	6:30p-10:00p	F	Nguyen T	SAC A-228 10/24-12/12
BA	191	87106			Lehrer C	SAC WEB 10/20-12/12
CHST	101	86190	6:00p-9:25p	F	Briceño G	SAC VL-105 10/24-12/13
	AND		9:00a-12:25p	Sa	Briceño G	SAC VL-105
CMST	145	86658	6:00p-9:10p	M W	Fondren S	SAC C-214 10/20-12/10
CNSL	090	88035	11:00a-1:50p	Th	Staff	SAC I-108 11/20-12/11
CNSL	090	88034	1:00p-3:05p	M	Staff	SAC I-107 11/17-12/08
CNSL	090	88004	1:40p-3:45p	M	Staff	SAC I-104 10/20-11/10
CNSL	103	88049	6:00p-8:00p	M	Staff	SAC I-103 10/20-11/10
CNSL	103	88050	6:00p-8:50p	Tu	Staff	SAC I-209 10/21-11/04
CNSL	104	88054	4:30p-6:45p	Tu Th	Staff	SAC I-103 10/21-11/13
CNSL	104	88052	6:00p-8:25p	Tu Th	Staff	SAC G-107 10/20-11/12
CNSL	116	86727			Sadler D	SAC WEB 10/20-12/12
CJA	009B	89992	6:00p-8:00p	Tu Th	Sneddon M	CJTC-SD 10/14-11/06
CJA	026A	89978	7:00a-4:00p	Sa	Staff	CJTC-SD 11/15-11/22
ECON	121	86247	7:00p-10:20p	Tu Th	Meister D	SAC I-107 10/21-12/11
EMT	111	86268	8:30a-12:30p	F Sa	Dethlefsen E	SAC R-307 10/10-10/18
	AND		1:00p-5:10p	F Sa	Staff	SAC R-307
ENGR	100B	87960	6:00p-10:25p	Tu	Castellanos C	SAC A-216 10/21-12/09
ENGL	N60	86831	6:00p-10:20p	F	Pelle M	SAC VL-209 10/24-12/13
	AND		9:00a-1:20p	Sa	Pelle M	SAC VL-209
ENGL	101	86508	9:00a-1:30p	Tu Th	Higgins M	SAC VL-307 10/21-12/11
ENGL	101	86506	9:00a-1:15p	M W	Ramshaw C	SAC I-104 10/20-12/10
ENGL	101	86507	12:00p-4:15p	M W	Higgins M	SAC VL-106 10/20-12/10
ENGL	101	86513	2:15p-6:45p	Tu Th	Taylor J	SAC VL-308 10/21-12/11
ENGL	102	86758	7:30a-11:45a	Tu Th	Mitzner R	SAC VL-311 10/21-12/11
ENGL	103	86779	2:15p-6:45p	Tu Th	Staff	SAC I-106 10/21-12/11
EMLS	109	88393	8:00a-11:20a	M Tu W Th	Dwyer D	SAC A-228 10/20-12/11
EMLS	112	86376	8:00a-12:50p	Tu Th	Hicks R	SAC I-104 10/21-12/11
ENTR	100	87884			Doolittle G	SAC WEB 10/20-12/12
ENTR	103	87888			Hobbs R	SAC HYBRID 10/21-12/09
	AND		6:00p-10:10p	Tu	Hobbs R	SAC A-207
ENTR	105	87890			Vonheim E	SAC HYBRID 10/23-12/11
	AND		6:00p-10:00p	Th	Vonheim E	SAC A-207
ENTR	123	87918			Vonheim E	SAC WEB 10/06-10/17
ENTR	124	87921			McCallick M	SAC WEB 10/20-10/31
ENTR	125	87923			Todaro D	SAC WEB 11/03-11/14
FAC	008	88672	7:30a-9:30a	Su	Sneddon M	JPT-CN 10/05-10/05
	AND		9:30a-11:30a	Su	Sneddon M	JPT-CN

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
FAC	008	88674	7:30a-9:30a	Su	Sneddon M	JPT-CN 10/26-10/26
	AND		9:30a-11:30a	Su	Sneddon M	JPT-CN
FAC	008	88676	7:30a-9:30a	Su	Sneddon M	JPT-CN 11/23-11/23
	AND		9:30a-11:30a	Su	Sneddon M	JPT-CN
HIST	101	86915	6:00p-9:25p	Tu Th	Staff	SAC VL-311 10/21-12/11
HIST	120	86933	1:30p-4:50p	Tu Th	Staff	SAC VL-306 10/21-12/11
HIST	121	86951	1:00p-4:10p	M W	Staff	SAC VL-306 10/20-12/10
HIST	121	86946	6:00p-9:25p	F	Staff	SAC I-109 10/24-12/13
	AND		9:00a-12:25p	Sa	Staff	SAC I-109
HIST	124	86971	2:00p-5:20p	Tu Th	Staff	SAC VL-302 10/21-12/11
HUD	216	89185	6:00p-10:30p	Th	Oliveira-Foster C	SAC V-150 10/23-12/11
	AND		8:00a-4:45p	Sa	Oliveira-Foster C	SAC V-150
KNFI	109A	88928	TBA		Luppani M	SAC E-102 10/20-12/12
KNFI	109B	88930	TBA		Luppani M	SAC E-102 10/20-12/12
KNFI	109C	88932	TBA		Luppani M	SAC E-102 10/20-12/12
KNFI	110A	88934	TBA		Luppani M	SAC E-102 10/20-12/12
KNFI	110B	88937	TBA		Luppani M	SAC E-102 10/20-12/12
KNFI	110C	88939	TBA		Luppani M	SAC E-102 10/20-12/12
KNFI	115A	88942	TBA		Luppani M	SAC E-102 10/20-12/12
KNFI	115C	88947	TBA		Luppani M	SAC E-102 10/20-12/12
KNHE	101	87698			Breig D	SAC WEB 10/20-12/12
KNHE	102	87956			Nutter K	SAC WEB 10/20-12/12
KNHE	104	87685			Abbey T	SAC WEB 10/20-12/12
KNHE	105	89277	7:30a-8:50a	Tu Th	Gorrie R	SAC G-107 10/21-12/11
KNHE	107	87789	9:00a-11:40a	F	Jones G	SAC G-107 10/20-12/12
KNPR	150	87943			Luppani M	SAC WEB 10/20-12/12
LIBI	100	90125			Saliba E	SAC WEB 10/20-12/12
MKTG	126	88143			Stewart L	SAC WEB 10/20-12/12
MATH	080	88038	7:30a-10:20a	M Tu W Th	Powers R	SAC R-318 10/20-12/11
MATH	080	88045	2:45p-5:35p	M Tu W Th	Meier K	SAC I-102 10/20-12/11
MATH	080	88042	6:00p-8:50p	M Tu W Th	Meyers Giddings JS	SAC R-303 10/20-12/11
MATH	080	89295	7:15p-10:05p	M W	Camacho O	SAC I-204 10/20-12/11
MATH	170	87803	1:00p-3:50p	M Tu W Th	Brown Z	SAC F-102 10/20-12/11
MUS	143	86415	11:30a-12:35p	M W	Kehlenbach E	DMC-204 10/20-12/10
	AND		12:45p-1:35p	M W	Kehlenbach E	DMC-204
MUS	144	91034	11:30a-12:35p	M W	Kehlenbach E	DMC-204 10/20-12/10
	AND		12:45p-1:35p	M W	Kehlenbach E	DMC-204
MUS	144	86426	12:00p-1:55p	Tu Th	Kehlenbach E	DMC-204 10/21-12/11
	AND		12:00p-1:55p	Tu Th	Kehlenbach E	DMC-204
MUS	147	86422	12:00p-1:25p	Tu Th	Kehlenbach E	DMC-204 10/21-12/11
	AND		1:35p-3:00p	Tu Th	Kehlenbach E	DMC-204
OTA	203	88630	TBA		Hyman D	SAC 10/20-12/12
PARA	149	87597	6:00p-10:00p	Th	Staff	SAC A-203 10/23-11/13
PHIL	110	87022	6:00p-10:25p	F	Staff	SAC VL-208 10/24-12/13
	AND		9:00a-1:25p	Sa	Staff	SAC VL-208
PSYC	100	87167	2:00p-5:20p	Tu Th	Larson M	SAC VL-103 10/21-12/11
PSYC	100	87162	3:00p-6:10p	M W	Staff	SAC VL-107 10/20-12/10
READ	102	87374	9:45a-12:55p	Tu Th	Colunga M	SAC VL-110 10/20-12/10
READ	150	89309			Gilreath G	SAC WEB 10/20-12/12
SIGN	110	89049	9:00a-12:30p	Tu Th	Yingst S	SAC I-206 10/21-12/11
SIGN	111	89038	9:30a-12:40p	M W	Williams D	SAC I-206 10/20-12/10
SOC	100	87268			Cicchelli G	SAC WEB 10/20-12/12
SOC	100	87258	1:00p-4:10p	M W	Govea M	SAC VL-301 10/20-12/10
SPAN	102	87304			Guerrero-Phlaum M	SAC HYBRID 10/22-12/10
	AND		2:00p-4:30p	W	Guerrero-Phlaum M	SAC VL-311
STDY	091	86959	1:00p-3:05p	W	Coffman J	SAC G-107 10/22-12/10
STDY	109	87017	12:55p-4:25p	Tu Th	Sanchez G	SAC I-202 10/21-12/11
THEA	100	87437	6:30p-9:40p	M W	Tavale N	SAC P-105 10/20-12/10
THEA	111	87455	1:00p-4:10p	Tu Th	Cannon C	SAC P-105 10/21-12/11
	AND		4:20p-5:15p	Tu Th	Cannon C	SAC P-105
THEA	135	90719	TBA		Tivenan V	SAC P-100 10/20-12/13
THEA	150	90722	TBA		Tivenan V	SAC P-100 10/20-12/13

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# FALL 2014 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 25 in this publication) for more complete information.

SANTA ANA COLLEGE

WEEKEND CLASSES

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT	101	85917	9:00Ta-1:15p	Sa	Erlandson S	SAC A-211 Full Semester
ACCT	102	85921	9:00a-1:10p	Sa	Shende A	SAC A-209 Full Semester
ANTH	100	86062	9:00a-12:10p	Sa	Plascencia M	SAC VL-204 Full Semester
ART	100	86208	6:00p-9:10p	F	Redfield M	SAC C-104 08/29-10/18
	AND		12:30p-3:40p	Sa	Redfield M	SAC C-104
ART	100	87419	6:00p-9:30p	F	Digiovanni E	SAC C-104 10/24-12/13
	AND		12:30p-4:00p	Sa	Digiovanni E	SAC C-104
AUTO	086	88637	6:00p-10:15p	F	Wilkes D	SAC J-102 08/29-10/17
BANK	010	88591	9:00a-2:50p	Sa	Trabant T	SAC A-207 08/30-10/04
BANK	010	88593	9:00a-2:50p	Sa	Trabant T	SAC A-207 11/01-12/13
BIOL	109	87217	9:00a-12:10p	Sa	Gray V	SAC R-128 Full Semester
BIOL	109L	87398	12:30p-3:40p	Sa	Palmier C	SAC R-202 Full Semester
BIOL	191	87615	9:00a-3:30p	Sa	Takahashi M	SAC I-202 08/29-10/18
	AND		9:00a-3:30p	F	Takahashi M	SAC R-228
BIOL	192	87617	9:00a-4:25p	Sa	Takahashi M	SAC I-202 10/24-12/13
	AND		9:00a-4:25p	F	Takahashi M	SAC R-228
BIOL	239	87679			Mansfield P	SAC HYBRID Full Semester
	AND		3:00p-6:10p	F	Johnson R	SAC R-201
BIOL	239	87667	12:00p-3:10p	Sa	Beltran J	SAC R-124 Full Semester
	AND		8:30a-11:40a	Sa	Beltran J	SAC R-201
BIOL	239	87673	12:00p-3:10p	Sa	Beltran J	SAC R-124 Full Semester
	AND		3:30p-6:40p	Sa	Beltran J	SAC R-201
BA	035	87072	9:00a-12:10p	Sa	Staff	SAC A-222 08/30-10/18
BA	057	87075	9:00a-12:10p	Sa	Frias Callejas M	SAC A-224 Full Semester
BA	125	87088	9:00a-12:30p	Sa	Banh H	SAC A-226 10/25-12/13
BA	147	87089	9:00a-12:30p	Sa	Staff	SAC A-222 10/25-12/13
BA	188	87102	6:30p-9:40p	F	Nguyen T	SAC A-228 08/29-10/17
BA	189	87104	6:30p-10:00p	F	Nguyen T	SAC A-228 10/24-12/12
CHEM	209	87705	9:00a-12:10p	Sa	Moore B	SAC R-303 Full Semester
	AND		1:00p-4:10p	Sa	Moore B	SAC R-301
CHST	101	86190	6:00p-9:25p	F	Briceno G	SAC VL-105 10/24-12/13
	AND		9:00a-12:25p	Sa	Briceno G	SAC VL-105
CMST	101	86167	9:00a-12:00p	Sa	Harris M	SAC C-213 Full Semester
CMST	101	86170	6:10p-9:20p	F	Holder V	SAC C-207 08/25-10/18
	AND		9:00a-12:10p	Sa	Holder V	SAC C-207
CJA	010	89993	6:00p-10:00p	Tu Th	Staff	SAC CJTC-SD 09/16-10/11
	AND		8:00a-12:00p	Sa	Staff	SAC CJTC-SD
CJA	026A	89976	7:00a-4:00p	Sa	Staff	SAC CJTC-SD 09/06-09/13
CJA	026A	89978	7:00a-4:00p	Sa	Staff	SAC CJTC-SD 11/15-11/22
ERTH	110	87848	9:00a-12:10p	Sa	Greenwood R	SAC R-111 Full Semester
ECON	120	86213			Ho L	SAC HYBRID Full Semester
	AND		11:15a-12:45p	Sa	Ho L	SAC I-107
ECON	120	89307			Ho L	SAC HYBRID 08/25-10/18
	AND		9:30a-11:00a	Sa	Ho L	SAC I-107
ECON	121	86217			Ho L	SAC HYBRID Full Semester
	AND		1:00p-2:30p	Sa	Ho L	SAC I-107
ECON	121	86257	8:00a-11:10a	Sa	Staff	SAC VL-303 Full Semester
EMT	111	86268	8:30a-12:30p	F Sa	Dethlefsen E	SAC R-307 10/10-10/18
	AND		1:00p-5:10p	F Sa	Dethlefsen E	SAC R-307
ENGR	011	89651	5:00p-7:05p	F	Bright T	SAC A-130 Full Semester
ENGR	130A	87964	9:00a-12:10p	Sa	Cole J	SAC A-108 Full Semester
ENGR	130B	87965	9:00a-12:10p	Sa	Cole J	SAC A-108 Full Semester
ENGR	184	87977	8:00a-11:50a	Sa	Fonseca J	SAC A-216 Full Semester
	AND		12:00p-2:10p	Sa	Fonseca J	SAC A-216
ENGR	185	87978	8:00a-11:50a	Sa	Fonseca J	SAC A-216 Full Semester
	AND		12:00p-2:10p	Sa	Fonseca J	SAC A-216
ENGR	191	88812			Galvez R	SAC HYBRID Full Semester
	AND		8:00a-12:10p	Sa	Galvez R	SAC A-225
ENGR	193	90905			Galvez R	SAC HYBRID Full Semester
	AND		8:00a-12:10p	Sa	Galvez R	SAC A-225
ENGL	N50	86808	6:00p-10:05p	F	Cervantes M	SAC I-104 08/29-10/04
	AND		9:00a-1:05p	Sa	Cervantes M	SAC I-104
ENGL	N50	86812	6:00p-10:05p	F	Staff	SAC I-206 08/29-10/04
	AND		9:00a-1:05p	Sa	Staff	SAC I-206
ENGL	N50	86813	6:00p-10:05p	F	Staff	SAC I-201 08/29-10/04
	AND		9:00a-1:05p	Sa	Staff	SAC I-201

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ENGL	N60	86830	6:00p-10:05p	F	Taylor J	SAC VL-209 08/29-10/18
	AND		9:00a-1:05p	Sa	Taylor J	SAC VL-209
ENGL	N60	86831	6:00p-10:20p	F	Pelle M	SAC VL-209 10/24-12/13
	AND		9:00a-1:20p	Sa	Pelle M	SAC VL-209
ENGL	061	86460	9:00a-1:15p	Sa	Bromberger K	SAC I-207 Full Semester
ENGL	101	86511			Griffin A	SAC HYBRID 09/26-12/12
	AND		6:00p-8:00p	F	Griffin A	SAC VL-110
ENGL	101	86495	9:00a-1:15p	Sa	Higgins C	SAC I-106 Full Semester
ENGL	101	86510	9:00a-1:15p	Sa	Ozima M	SAC VL-109 Full Semester
ENGL	103	86778	8:00a-12:15p	Sa	Diller J	SAC VL-305 Full Semester
FDM	005A	89244	10:00a-1:40p	Sa	Wilkes J	SAC T-201 Full Semester
FDM	053	89247	10:00a-1:40p	Sa	Wilkes J	SAC T-201 Full Semester
FAC	008	88671	7:30a-9:30a	Su	Sneddon M	JPT-CN 09/14-09/14
	AND		9:30a-11:30a	Su	Sneddon M	JPT-CN
FAC	008	88672	7:30a-9:30a	Su	Sneddon M	JPT-CN 10/05-10/05
	AND		9:30a-11:30a	Su	Sneddon M	JPT-CN
FAC	008	88674	7:30a-9:30a	Su	Sneddon M	JPT-CN 10/26-10/26
	AND		9:30a-11:30a	Su	Sneddon M	JPT-CN
FAC	008	88676	7:30a-9:30a	Su	Sneddon M	JPT-CN 11/23-11/23
	AND		9:30a-11:30a	Su	Sneddon M	JPT-CN
FAC	060	88668	8:45a-5:45p	M Tu W Th F Sa	Dominguez G	JPT-CN 08/25-12/06
GEOL	174	87938			Hughes P	SAC FLDRTP 09/26-10/24
	AND		4:00p-5:00p	F	Hughes P	SAC R-111 09/26-09/26
HIST	121	86946	6:00p-9:25p	F	Staff	SAC I-109 10/24-12/13
	AND		9:00a-12:25p	Sa	Staff	SAC I-109
HUD	112	86884			Valdez S	SAC HYBRID Full Semester
	AND		9:30a-12:30p	Sa	Valdez S	SAC V-151
HUD	215	89183	6:00p-10:10p	Th	Oliveira-Foster C	SAC V-150 08/28-10/16
	AND		8:00a-4:00p	Sa	Oliveira-Foster C	SAC V-150
HUD	216	89185	6:00p-10:30p	Th	Oliveira-Foster C	SAC V-150 10/23-12/11
	AND		8:00a-4:45p	Sa	Oliveira-Foster C	SAC V-150
MNFG	011	89650	5:00p-7:05p	F	Bright T	SAC A-130 Full Semester
MNFG	053	89652	7:15p-10:25p	F	Rodriguez Castillo M	SAC A-130 Full Semester
MNFG	058	90337	8:30a-5:00p	Sa	Digilio G	SAC T-107 Full Semester
MNFG	071	89665	9:00a-1:15p	Sa	Singh N	SAC H-205 Full Semester
MNFG	130A	87966	9:00a-12:10p	Sa	Cole J	SAC A-108 Full Semester
MNFG	130B	87967	9:00a-12:10p	Sa	Cole J	SAC A-108 Full Semester
MATH	060	88032			Solheid C	SAC HYBRID Full Semester
	AND		4:00p-6:00p	F	Solheid C	SAC I-204
MATH	080	88044			Vu D	SAC HYBRID Full Semester
	AND		6:00p-8:00p	F	Vu D	SAC I-203
MATH	080	88037	8:00a-1:20p	Sa	Maiah A	SAC I-203 Full Semester
MATH	140	87742			Shahbazian R	SAC HYBRID Full Semester
	AND		6:00p-8:00p	F	Shahbazian R	SAC I-204
MATH	140	87575	8:00a-12:15p	Sa	Staff	SAC I-204 Full Semester
MATH	150	88101			Everett M	SAC HYBRID Full Semester
	AND		6:00p-8:00p	F	Everett M	SAC L-207
MATH	219	88127	7:15p-9:45p	Th	Pineda E	SAC L-207 Full Semester
	AND		9:30a-12:00p	Sa	Pineda E	SAC H-108
MATH	N48	87843	8:00a-12:15p	Sa	Pilz L	SAC R-113 Full Semester
MUS	185	86328	10:00a-11:55a	Sa	Adele D	SAC N-114 Full Semester
MUS	189	86400	12:15p-3:25p	Sa	Adele D	SAC N-114 Full Semester
MUS	241	86401	12:15p-3:25p	Sa	Adele D	SAC N-117 Full Semester
OTA	201	88627			Parolise M	SAC HYBRID Full Semester
	AND		9:00a-12:00p	Sa	Parolise M	SAC T-210
PARA	100	87658	8:00a-11:30a	Sa	Williamson K	SAC A-130 08/30-10/11
	AND		12:00p-3:30p	Sa	Williamson K	SAC A-130
PARA	146	87666	8:00a-12:10p	Sa	Tanner W	SAC A-130 10/18-12/13
	AND		12:40p-4:50p	Sa	Tanner W	SAC A-130
PARA	198	90012	8:00a-12:40p	Sa	Tanner W	SAC A-205 08/30-10/11
PHAR	048	89685			Ross Jr J	SAC HYBRID Full Semester
	AND		8:00a-10:05a	Sa	Ross Jr J	SAC H-201
PHAR	054	89688			Ross Jr J	SAC HYBRID Full Semester
	AND		10:15a-12:20p	Sa	Ross Jr J	SAC H-201
PHAR	056L	89788	9:00a-12:05p	Sa	Nguyen N	SAC H-210 Full Semester

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
PHAR 056L . 89785	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
AND	9:00a-12:00p	Sa	Huynh-Dang K.	SAC H-210	
PHAR 057L . 89784	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
AND	9:00a-12:00p	Sa	Huynh-Dang K.	SAC H-210	
PHAR 057L . 89781	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
AND	9:00a-12:00p	Sa	Huynh-Dang K.	SAC H-210	
PHAR 060L . 89801	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
PHAR 060L . 89791	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
AND	9:00a-12:00p	Sa	Huynh-Dang K.	SAC H-210	
PHAR 072L1 89831	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
PHAR 072L1 89810	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
AND	9:00a-12:00p	Sa	Huynh-Dang K.	SAC H-210	
PHIL 106 . . 86994	9:00a-12:10p	Sa	Staff	SAC I-208	Full Semester
PHIL 110 . . 87022	6:00p-10:25p	F	Staff	SAC VL-208	10/24-12/13
AND	9:00a-1:25p	Sa	Staff	SAC VL-208	
PHOT 180 . . 87428	5:00p-7:05p	F	Staff	SAC A-219	Full Semester
AND	7:15p-10:25p	F	Staff	SAC A-219	
POLT 101 . . 87037	9:00a-12:10p	Sa	Petri M	SAC VL-103	Full Semester
PSYC 100 . . 87126	9:00a-12:10p	Sa	Keo-Trang Z	SAC I-108	Full Semester
PSYC 100 . . 87166	9:00a-12:10p	Sa	Staff	SAC VL-107	Full Semester
READ 150 . . 87207	9:00a-12:10p	Sa	Smith H	SAC VL-110	Full Semester
SOCS 219 . . 88128	7:15p-9:45p	Th	Pineda E	SAC L-207	Full Semester
AND	9:30a-12:00p	Sa	Pineda E	SAC H-108	

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
SOC 100 . . 87267	9:00a-12:10p	Sa	Parker S	SAC VL-309	Full Semester
SPAN 101 . . 87296	6:00p-8:30p	F	Fuentes Sanchez A.	SAC VL-205	Full Semester
AND	10:00a-12:30p	Sa	Fuentes Sanchez A.	SAC VL-205	
WELD 025A 90663	8:00a-3:30p	Sa	Perez J	SAC J-115	Full Semester
WELD 025B 90664	8:00a-3:30p	Sa	Perez J	SAC J-115	Full Semester
WELD 053 . 89635	6:00p-9:10p	F	Guzman G	SAC K-115	Full Semester
WELD 098 . 89634	8:00a-3:30p	Sa	Moore G	SAC K-115	Full Semester

## 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.

- Communication Studies 101H, Honors Introduction to Interpersonal Communication**  
86601 11:00a-12:25p M W Cummings R SAC C-202
- Communication Studies 206H, Honors Gender Communication**  
86648 2:00p-3:25p M W Lockwood L SAC C-214
- Earth Science 150H, Honors Introduction to Oceanography**  
87947 7:00p-10:10p Th Hughes P SAC R-111
- English 101H, Honors Freshman Composition**  
86514 7:30a-9:35a Tu Th Bassett D SAC I-106
- English 101H, Honors Freshman Composition**  
86738 10:00a-12:05p Tu Th Patterson K SAC VL-309
- English 102H, Honors Literature and Composition**  
86766 4:00p-8:15p M Patterson K SAC I-201
- English 103H, Honors Critical Thinking and Writing**  
86780 10:15a-12:20p M W Bennett G SAC I-109
- Geology 150H, Honors Introduction to Oceanography**  
87946 7:00p-10:10p Th Hughes P SAC R-111
- Mathematics 219H, Honors Statistics and Probability**  
88134 1:00p-3:30p Tu Th Mc Clure C SAC H-108
- Philosophy 106H, Honors Introduction to Philosophy**  
86997 9:45a-11:10a Tu Th Shigematsu T SAC I-106
- Political Science 200H, Honors American Political Thought**  
90037 8:00a-9:25a M W Murphy T SAC VL-209
- Social Science 219H, Honors Statistics and Probability**  
88135 1:00p-3:30p Tu Th Mc Clure C SAC H-108
- Sociology 100H, Honors Introduction to Sociology**  
88704 8:00a-9:25a M W Campbell A SAC I-208



## EXPRESS TO SUCCESS

Santa Ana College Humanities and Social Sciences Division's Express to Success Program provides an opportunity for motivated students to complete general education transfer classes in an accelerated format. The accelerated offerings consist of two consecutive courses, over two 8-week sessions (see list below for course offerings). Students are able to enroll in **both** classes at the same time. Students who enroll in **both** these courses can shorten the time needed to complete requirements for graduation and/or transfer.

### EXPRESS TO SUCCESS COURSES—FALL 2014

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM	DATES
Anthropology 100	86053	1:00p-4:20p	M W	Staff	SAC VL-301	08/25-10/15
Sociology 100	87258	1:00p-4:20p	M W	Govea M	SAC VL-301	10/20-12/10
Anthropology 101	86067	9:30a-12:40p	Tu Th	Robertson M	SAC VL-204	08/26-10/16
Anthropology 101L	86072	1:00p-4:10p	Tu Th	Robertson M	SAC VL-204	08/26-10/16
Anthropology 101	86070	9:30a-12:45p	Tu Th	Robertson M	SAC VL-204	10/21-12/11
Anthropology 101L	86133	1:00p-4:10p	Tu Th	Robertson M	SAC VL-204	10/21-12/11
Economics 120	86215	7:00p-10:10p	Tu Th	Meister D	SAC I-107	08/26-10/16
Economics 121	86247	7:00p-10:20p	Tu Th	Meister D	SAC I-107	10/21-12/11
EMLS 107	86299	8:00a-11:20a	M Tu W Th	Dwyer D	SAC A-228	08/25-10/16
EMLS 109	88393	8:00a-11:30a	M Tu W Th	Dwyer D	SAC A-228	10/20-12/11
EMLS 110	86369	8:00a-12:15p	Tu Th	Hicks R	SAC I-104	08/26-10/16
EMLS 112	86376	8:00a-1:05p	Tu Th	Hicks R	SAC I-104	10/21-12/11
English 061	86446	9:00a-1:15p	M W	Ramshaw C	SAC I-104	08/25-10/15
English 101	86506	9:00a-1:30p	M W	Ramshaw C	SAC I-104	10/20-12/10
English 061	86452	12:00p-4:30p	M W	Higgins M	SAC VL-106	08/25-10/15
English 101	86507	12:00p-4:30p	M W	Higgins M	SAC VL-106	10/20-12/10
English 061	86455	9:00a-1:15p	Tu Th	Higgins M	SAC VL-307	08/26-10/16
English 101	86508	9:00a-1:30p	Tu Th	Higgins M	SAC VL-307	10/21-12/11
English 101	86509	7:30a-11:45a	Tu Th	Mitzner R	SAC VL-311	08/26-10/16
English 102	86758	7:30a-11:45a	Tu Th	Mitzner R	SAC VL-311	10/21-12/11
Reading N90	87367	9:45a-12:55p	Tu Th	Colunga M	SAC VL-110	08/25-10/16
Reading 102	87374	9:45a-12:55p	Tu Th	Colunga M	SAC VL-110	10/20-12/10
Spanish 101	87287			Guerrero-Phlaum M	SAC HYBRID	08/27-10/15
Spanish 102	87304			Guerrero-Phlaum M	SAC HYBRID	10/22-12/10

## Hard work pays off on the weekend!

Friday evening – Saturday 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"

# 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.

FRESHMAN EXPERIENCE COURSES—FALL 2014						
SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM	
1	86820	English N60	9:45a-11:50a	Tu Th	Cons A	VL-301
	86308	Counseling 107	8:00a-9:25a	Tu Th	Vu Irene	I-108
2	86822	English N60	9:15a-11:20a	Tu Th	Kelley S	VL-106
	86350	Counseling 107	11:50a-1:15p	Tu Th	Staff	I-209
3	86817	English N60	8:00a-10:05a	Tu Th	Sosta R	VL-104
	86317	Counseling 107	10:15a-11:40a	Tu Th	Kelley M	I-209
4	86445	English 061	11:00a-1:05p	M W	Pecenkovic N	A-206
	86332	Counseling 107	1:30p-2:55p	M W	Palomares E	F-103
5	86421	English 061	12:00p-2:05p	Tu Th	Carrol A	R-318
	86315	Counseling 107	10:15a-11:40a	Tu Th	Romero A	G-107
6	86407	English 061	7:30a-9:35a	Tu Th	Tran M	VL-303
	86305	Counseling 107	10:00a-11:25a	Tu Th	Tran A	G-106
7	86427	English 061	6:00p-10:15p	Tu	Greenberg H	I-201
	88597	Counseling 107	6:00p-9:10p	Th	Camacho T	I-209
8	86464	English 101	11:30a-1:35p	Tu Th	Bassett D	I-106
	86296	Counseling 116	9:30a-10:55a	Tu Th	Gilmour D	I-108
9 Business Applications	86816	English N60	9:15a-11:20a	M W	Dinh A	I-207
	88598	Counseling 107	1:00p-2:25p	M W	Staff	V-151
	87097	Bus. App. 179-Hybrid	11:00-12:30p	Tu Th	Montiel D	A-224
	87264	Bus. App. 035-1st 8 Wks	1:15p-2:35p	Tu Th	Dutton Jr D	A-224
	87265	Bus. App. 147-2nd 8 Wks	1:15p-2:50p	Tu Th	Dutton Jr D	A-224

## FAST TRACK TO SUCCESS

Become part of a highly successful accelerated program at Santa Ana College. The Fast Track to Success Program is designed to accelerate your progression through Math and English courses in order to shorten your time to degree/certificate completion and/or transfer. Program Requirements include being placed into Math 060 and English N60.

Note: Students are required to enroll in all classes within the Fast Track cohort. To enroll in this program or for further information please contact Eva Palomares at [palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu) or (714) 564-6161.

FAST TRACK TO SUCCESS—FALL 2014						
SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM	
FAST TRACK 20	88029	Math 060-1st 8 Wks	7:30a-9:35a	MTWTh	Powers R	R-318
	88038	Math 080-2nd 8 Wks	7:30a-10:20a	MTWTh	Powers R	R-318
	86371	Counseling 100	10:45a-12:50p	M	Fernandez-Weston C	V-151
	86673	Counseling N45	8:30a-5:30p	Tu 8/12/14	Palomares E	R-126
FAST TRACK 21	87999	Math 060-1st 8 Wks	2:45p-4:50p	MTWTh	Meier K	I-102
	88045	Math 080-2nd 8 Wks	2:45p-5:35p	MTWTh	Meier K	I-102
	86372	Counseling 100	12:15p-2:20p	W	Fernandez-Weston C	G-106
	86675	Counseling N45	8:30a-5:30p	Tu 8/12/14	Palomares E	R-126
FAST TRACK 22	88030	Math 060-1st 8 Wks	6:00p-8:05p	MTWTh	Meyers Giddings J	R-303
	88042	Math 080-2nd 8 Wks	6:00p-8:50p	MTWTh	Meyers Giddings J	R-303
	88054	Counseling 104	9:00p-9:55p	W	Palomares E	R-303
FAST TRACK 23	89294	Math 060-1st 8 Wks	7:15p-9:20p	MTWTh	Camacho O	I-204
	89295	Math 080-2nd 8 Wks	7:15p-10:05p	MTWTh	Camacho O	I-204
	89316	Counseling 100	5:25p-6:20p	M W	Staff	V-151

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

FRESHMAN EXPERIENCE COURSES—FALL 2014						
SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM	
10 PUENTE	86417	English 061	9:00a-11:05a	Tu Th	Martinez D	I-107
	85633	Counseling 100	11:30a-1:35p	Tu	Sanabria R	I-108
	86677	Counseling N45	8:30a-5:30p	Tu 8/12/14	Sanabria R	A-208
11 ULINK	86643	Comm. Studies 102	11:00a-12:25p	Tu Th	Fondren S	C-214
	86355	Counseling 107	12:55p-4:05p	W	Blake S	I-103
	86678	Counseling N45	8:30a-5:30p	Tu 8/12/14	Zook R	A-128
12 ULINK	86156	Chicano Studies 101	9:45a-11:10a	M W	Sanchez G	T-212
	86358	Counseling 107	12:55p-4:05p	W	Lopez Ediss C	I-101
	86680	Counseling N45	8:30a-5:30p	Tu 8/12/14	Zook R	A-128
13	87821	Math N48	8:00a-10:05a	M W	Rogers N	R-113
	86311	Counseling 107	10:15a-11:40a	M W	Castro R	I-209
14	87822	Math N48	8:30a-10:35a	Tu Th	Marecek L	R-113
	86318	Counseling 107	11:00a-12:25p	Tu Th	Robledo R	I-101
15	87836	Math N48	5:30p-7:35p	M W	Staff	R-113
	88941	Counseling 107	7:45p-9:10p	M W	Moberly E	VL-307
16	88007	Math 060	9:45a-11:50a	Tu Th	Lechuga J	H-104
	86320	Counseling 107	1:00p-2:25p	Tu Th	Vu Irene	I-103
17	88019	Math 060	2:45p-4:50p	M W	Hager B	H-109
	86307	Counseling 107	5:00p-6:25p	M W	Moberly E	I-209
18	87997	Math 060	7:30a-9:35a	Tu Th	Sandoval M	I-102
	86312	Counseling 107	9:45a-11:10a	Tu Th	Lopez Ediss C	I-208
19	88081	Math 081 (L)	10:15a-12:45p	Tu Th	Everett M	H-109
	86327	Counseling 107	8:30a-9:55a	Tu Th	Everett K	I-209

(L) Weekly Lab Attendance Required

## LEARNING COMMUNITIES II

### LEARNING COMMUNITIES AREN'T JUST FOR FRESHMEN!

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**

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

LEARNING COMMUNITIES II—FALL 2014						
SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM	
STEM 24	87776	Math 160	11:00a-1:05p	M W	McClure C	H-105
	88235	Counseling 121	1:45p-2:35p	M	Shaffer C	I-209
	88240	Counseling 116	8:30a-9:55a	M W	Shaffer C	I-101

# ONLINE COURSES FOR FALL 2014

## 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. Students may access course materials via the Internet either at home or using an on campus computer.

## 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. On-campus required meeting dates, time and place, and instructor contact information can be found on WebAdvisor (<http://sis.rscdd.edu>)

## Important Notes for both Online/Hybrid courses:

- Access to courses will be available on the first day of classes.
- Students on wait lists must email the instructor the first week of class to be considered for enrollment.
- It is extremely important that your email address is current in Blackboard, and that your address, phone, and email, is recorded and current in WebAdvisor.
- Please contact the Distance Education Office if you are unable to login to access your Blackboard course(s) at 714-564-6725 or by email: [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu).
- Information regarding online learning, Blackboard help and Frequently Asked Questions can be found at our website: [www.sac.edu/disted](http://www.sac.edu/disted).

- On-campus required meeting dates, time and place, and instructor contact information can be found on WebAdvisor (<http://sis.rscdd.edu>).

## Access Requirements

Santa Ana College uses Blackboard as the course access tool for online and hybrid courses. Students log on to: <http://rscdd.blackboard.com> to access Blackboard.

Online and Hybrid courses require students to have:

1. Access to a computer with an Internet connection
  - Internet access is also available to students in the Academic Computing Center, located in the Cesar Chavez Building (A-106) and the SAC Nealley Library
2. An email account
3. Basic computer skills
4. Online Orientation Completion
  - Complete the orientation **before** you take an online or hybrid course
  - Login to our college Blackboard site and follow the directions to complete the Student Online Orientation



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
<b>ACCOUNTING 032</b> 85902 (Online)	<b>PAYROLL ACCOUNTING</b> J. Anderson	<b>1 UNIT</b> Anderson_JenniferL@sac.edu
10/20/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>ACCOUNTING 035</b> 85903 (Online)	<b>QUICKBOOKS</b> J. Anderson	<b>2 UNITS</b> Anderson_JenniferL@sac.edu
08/25/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>ACCOUNTING 035</b> 85904 (Online)	<b>QUICKBOOKS</b> J. Anderson	<b>2 UNITS</b> Anderson_JenniferL@sac.edu
10/20/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>ACCOUNTING 101</b> 85908 (Online)	<b>FINANCIAL ACCOUNTING</b> M. McCallick	<b>4 UNITS</b> McCallick_Mark@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>ACCOUNTING 101</b> 89299 (Online)	<b>FINANCIAL ACCOUNTING</b> J. Trone	<b>4 UNITS</b> Trone_Jinhee@sac.edu
08/25/14–10/17/14 Students must be participating in the Online Degree Pathway program to enroll. For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> or contact the Distance Education Office at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a>		
<b>ACCOUNTING 102</b> 85918 (Online)	<b>MANAGERIAL ACCOUNTING</b> J. Trone	<b>4 UNITS</b> Trone_Jinhee@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>ACCOUNTING 104</b> 85926 (Online)	<b>FEDERAL AND CALIFORNIA TAXES</b> A.Viersen	<b>4 UNITS</b> Viersen_Alan@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>ACCOUNTING 104</b> 85927 (Online)	<b>FEDERAL AND CALIFORNIA TAXES</b> L. Sung	<b>4 UNITS</b> Sung_Linda@sac.edu
Online instruction plus mandatory in-person orientation Wed. 8/27, 5:00p, SAC A-211. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>ART 100</b> 86180 (Online)	<b>INTRODUCTION TO ART CONCEPTS</b> M. Redfield	<b>3 UNITS</b> Redfield_Michael@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		

SECTION	INSTRUCTOR	EMAIL
<b>ART 100</b> 88925 (Online)	<b>INTRODUCTION TO ART CONCEPTS</b> M. Redfield	<b>3 UNITS</b> Redfield_Michael@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>BIOLOGY 109</b> 87232 (Online)	<b>FUNDAMENTALS OF BIOLOGY</b> P. Mansfield	<b>3 UNITS</b> Mansfield_Patricia@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>BIOLOGY 109</b> 87252 (Online)	<b>FUNDAMENTALS OF BIOLOGY</b> A. Morris	<b>3 UNITS</b> Morris_Kimo@sac.edu
No on-campus meeting times. Students are required to logon to Bb on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>BIOLOGY 109</b> 87255 (Online)	<b>FUNDAMENTALS OF BIOLOGY</b> A. Morris	<b>3 UNITS</b> Morris_Kimo@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>BIOLOGY 109</b> 90319 (Online)	<b>FUNDAMENTALS OF BIOLOGY</b> A. Morris	<b>3 UNITS</b> Morris_Kimo@sac.edu
10/20/14–12/12/14 For Online Degree Pathway students only. For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>BIOLOGY 239</b> 87679 (Hybrid)	<b>GENERAL HUMAN ANATOMY</b> P. Mansfield	<b>4 UNITS</b> Mansfield_Patricia@sac.edu
Section 87679 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. Email instructor first week of class.		
<b>BUSINESS 100</b> 87851 (Online)	<b>FUNDAMENTALS OF BUSINESS</b> G. Doolittle	<b>3 UNITS</b> Doolittle_Glenn@sac.edu
08/25/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 100</b> 87852 (Online)	<b>FUNDAMENTALS OF BUSINESS</b> M. Grant	<b>3 UNITS</b> Grant_Madeline@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 101</b> 87601 (Online)	<b>BUSINESS LAW</b> R. Manzano	<b>3 UNITS</b> Manzano_Rick@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 105</b> 87579 (Online)	<b>LEGAL ENVIRONMENT OF BUSINESS</b> R. Manzano	<b>3 UNITS</b> Manzano_Rick@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.		

## FALL 2014 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
<b>BUSINESS 105</b> 87591 (Online)	<b>LEGAL ENVIRONMENT OF BUSINESS</b> R. Manzano	<b>3 UNITS</b> Manzano_Rick@sac.edu
09/08/14–12/14/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 105</b> 87592 (Online)	<b>LEGAL ENVIRONMENT OF BUSINESS</b> R. Manzano	<b>3 UNITS</b> Manzano_Rick@sac.edu
09/22/14–12/14/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 105</b> 90161 (Online)	<b>LEGAL ENVIRONMENT OF BUSINESS</b> K. Robinson	<b>3 UNIT</b> Robinson_Kristen@sac.edu
10/20/14-12/12/14 For Online Degree Pathway students only. For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 106</b> 87860 (Online)	<b>CULTURE AND INTERNATIONAL BUSINESS</b> G. Doolittle	<b>3 UNITS</b> Doolittle_Glenn@sac.edu
10/20/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 113</b> 87864 (Hybrid)	<b>INTERNATIONAL TRANSPORTATION</b> G. Shweiri	<b>1 UNIT</b> Shweiri_Gabriel@sac.edu
10/21/14–11/11/14 Online instruction plus mandatory on-campus meetings on Tuesdays: 10/21, 10/28, 11/04 at 6:00p to 10:00p in A-203. Make sure your current email is in personal information.		
<b>BUSINESS 120</b> 87866 (Online)	<b>PRINCIPLES OF MANAGEMENT</b> G. Shweiri	<b>3 UNITS</b> Shweiri_Gabriel@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 125</b> 87870 (Online)	<b>INTRODUCTION TO INTERNATIONAL BUSINESS</b> L. Stewart	<b>3 UNITS</b> Stewart_Lynn@sac.edu
08/25/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 130</b> 85934 (Online)	<b>PERSONAL FINANCE</b> R. Koenig	<b>3 UNITS</b> Koenig_Robert@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 140</b> 88144 (Online)	<b>PRINCIPLES OF FINANCE</b> E. Mitchell	<b>3 UNITS</b> Mitchell_Earl@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 141</b> 87904 (Online)	<b>THE GLOBALIZATION OF MARKETING</b> L. Stewart	<b>1 UNIT</b> Stewart_Lynn@sac.edu
08/25/14–09/19/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 142</b> 87905 (Online)	<b>INTERNATIONAL MARKET RESEARCH AND PLANNING</b> L. Stewart	<b>1 UNIT</b> Stewart_Lynn@sac.edu
09/22/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 143</b> 87906 (Online)	<b>PACKAGING, PRICING, AND PROMOTING PRODUCTS/SERVICES FOR EXPORT</b> L. Stewart	<b>1 UNIT</b> Stewart_Lynn@sac.edu
10/20/14–11/14/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS 145</b> 87907 (Online)	<b>CHANNELS OF DISTRIBUTION IN INTERNATIONAL MARKETS</b> L. Stewart	<b>1 UNIT</b> Stewart_Lynn@sac.edu
11/17/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		

SECTION	INSTRUCTOR	EMAIL
<b>BUSINESS 150</b> 88147 (Online)	<b>INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS</b> C. Kushida	<b>3 UNITS</b> Kushida_Cherylee@sac.edu
08/25/14–10/17/14 For Online Degree Pathway students only. For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . Online instruction with mandatory on-campus orientation and final exam. Students must attend one of the following orientation offerings: Mon 8/25, 11:30a-12:15p OR 5:30p-6:15p, SAC A-108. Students must take a final exam on campus on Thurs 10/16 from 5:00p-6:55p, SAC A-108. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . More information available at: <a href="http://sac.edu/ckushida">http://sac.edu/ckushida</a>		
<b>BUSINESS 150</b> 89313 (Online)	<b>INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS</b> C. Kushida	<b>3 UNIT</b> Kushida_Cherylee@sac.edu
10/20/14–12/12/14 For Online Degree Pathway students only. For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . Online instruction with mandatory on-campus orientation and final exam. Students must attend one of the following orientation offerings: Mon 10/20, 11:30a-12:15p OR 5:00p-5:45p, SAC A-108. Students must take a final exam on campus on Thurs 12/11 from 5:00p-6:55p SAC A-108. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . More information available at: <a href="http://sac.edu/ckushida">http://sac.edu/ckushida</a>		
<b>BUSINESS 163</b> 87912 (Online)	<b>INTERNATIONAL METHODS OF PAYMENT AND LETTERS OF CREDIT</b> R. Long	<b>1 UNIT</b> Long_Randal@sac.edu
11/17/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>BUSINESS 164</b> 87911 (Online)	<b>ALTERNATIVE FINANCING TECHNIQUES FOR INTERNATIONAL TRADE</b> R. Long	<b>1 UNIT</b> Long_Randal@sac.edu
10/20/14–11/14/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>BUSINESS 165</b> 87910 (Online)	<b>INTERNATIONAL TRADE FINANCE &amp; INSURANCE</b> R. Long	<b>1 UNITS</b> Long_Randal@sac.edu
09/22/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>BUSINESS 166</b> 87909 (Online)	<b>FINANCING AN IMPORT/EXPORT BUS</b> R. Long	<b>1 UNIT</b> Long_Randal@sac.edu
08/25/14–09/19/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>BUSINESS 222</b> 87879 (Online)	<b>BUSINESS WRITING</b> D. Woolgar	<b>3 UNITS</b> Woolgar_David@sac.edu
10/20/14–12/12/14 For Online Degree Pathway students only. For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . Online instruction with mandatory on-campus orientation Wed. 10/22 and on campus exams on 11/5, 11/12, 11/19 and 12/10, 6:00p-8:00p, SAC A-225. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .		
<b>BUSINESS 222</b> 89456 (Online)	<b>BUSINESS WRITING</b> D. Woolgar	<b>3 UNITS</b> Woolgar_David@sac.edu
Online instruction plus mandatory on campus orientation on Wed. 8/27 and on campus exams on 9/17, 10/8, 11/5, 11/19 and 12/10, 6:00p-8:00p, SAC A-225. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>BUSINESS APPLICATIONS 179</b> 87095 (Online)	<b>INTRODUCTION TO MICROSOFT OFFICE</b> M. Nguyen	<b>4 UNITS</b> Nguyen_MichaelT@sac.edu
09/22/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first day of class. Make sure your current email is in personal information.		
<b>BUSINESS APPLICATIONS 179</b> 87096 (Online)	<b>INTRODUCTION TO MICROSOFT OFFICE</b> D. Montiel	<b>4 UNITS</b> Montiel_Dena@sac.edu
Online instruction plus mandatory on-campus orientation meetings Mon. 8/25, 5:00p-6:30p, SAC A-224. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first day of class. Make sure your current email is in personal information.		
<b>BUSINESS APPLICATIONS 179</b> 87097 (Hybrid)	<b>INTRODUCTION TO MICROSOFT OFFICE</b> D. Montiel	<b>4 UNITS</b> Montiel_Dena@sac.edu
Online instruction plus mandatory on-campus meetings every Tues. & Thurs. 11:00a-12:30p, SAC A-224. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first day of class. Make sure your current email is in personal information.		
<b>BUSINESS APPLICATIONS 188</b> 87101 (Online)	<b>MICROSOFT EXCEL</b> D. Montiel	<b>1.5 UNITS</b> Montiel_Dena@sac.edu
08/25/14–10/17/14 Online instruction plus mandatory on-campus orientation Wed.8/27, 5:00p-6:30p, SAC A-224. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first day of class. Make sure your current email is in personal information.		

## FALL 2014 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
<b>BUSINESS APPLICATIONS 189 EXCEL APPLICATION PROJECTS</b> 1.5 UNITS 87103 (Online) 10/20/14–12/12/14 Online instruction plus mandatory on-campus orientation Wed. 10/22, 5:00p-6:30p, SAC A-224. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first day of class. Make sure your current email is in personal information.	D. Montiel	Montiel_Dena@sac.edu
<b>BUSINESS APPLICATIONS 190 MICROSOFT POWERPOINT</b> 1.5 UNITS 87105 (Online) 08/25/14– 10/17/14 Online instruction plus mandatory on-campus orientation Wed. 8/27, 5:00p-5:55p, SAC A-226. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first day of class. Make sure your current email is in personal information.	C. Lehrer	Lehrer_Carol@sac.edu
<b>BUSINESS APPLICATIONS 191 POWERPOINT APPLICATION PROJECTS</b> 1.5 UNITS 87106 (Online) 10/20/14– 12/12/14 Online instruction plus mandatory on-campus orientation Wed. 10/22, 5:00p-5:55p, SAC A-226. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first day of class. Make sure your current email is in personal information.	C. Lehrer	Lehrer_Carol@sac.edu
<b>CHEMISTRY 209 INTRODUCTORY CHEMISTRY</b> 4 UNITS 87706 (Hybrid) Online instruction with mandatory One-day orientation meeting on Mon., Aug. 25, 8:00a-8:55a, SAC R-309. Online instruction plus mandatory on campus weekly lab meetings every Fri., 9:00a-12:10p, SAC R-309. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .	C. Jenkins	Jenkins_Crystal@sac.edu
<b>COUNSELING 116 CAREER/LIFE PLANNING AND PERSONAL EXPLORATION</b> 3 UNITS 86725 (Online) 08/25/14–10/17/14 For Online Degree Pathway students only. For further information, please see: <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . Online instruction plus mandatory orientations: Wed. 8/27 OR Thurs. 8/28, 7:00-8:30PM, SAC L-225. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . For additional information or If you wish to add the course after 8/25 email the instructor.	D. Sadler	Sadler_Dennis@sac.edu
<b>COUNSELING 116 CAREER/LIFE PLANNING AND PERSONAL EXPLORATION</b> 3 UNITS 86727 (Online) 10/20/14–12/12/14 For Online Degree Pathway students only. For more information, see: <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . Students must attend one of the following class orientations: Mon. 10/20 or Tues. 10/21, 7:00-8:30PM, SAC L-225. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .	D. Sadler	Sadler_Dennis@sac.edu
<b>COUNSELING 116 CAREER/LIFE PLANNING AND PERSONAL EXPLORATION</b> 3 UNITS 86731 OR 86732 (Online) Online instruction plus mandatory orientation meeting: Tue. 8/26, or 9/2, 12:00-1:30PM or 7:00-8:30PM, SAC L-225. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . For additional information or If you wish to add the course after 8/25 email the instructor.	D. Sadler	Sadler_Dennis@sac.edu
<b>COUNSELING 116 CAREER/LIFE PLANNING AND PERSONAL EXPLORATION</b> 3 UNITS 86733 (Hybrid) Online instruction plus on campus meetings every Mon. 6:00p–7:30p, SAC L-225. For additional information or If you wish to add the course after 8/25 email the instructor. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .	D. Sadler	Sadler_Dennis@sac.edu
<b>COUNSELING 116 CAREER/LIFE PLANNING AND PERSONAL EXPLORATION</b> 3 UNITS 86734 (Hybrid) Online instruction plus on-campus meetings every Mon. 6:00-7:30PM, SAC I-108. Students are required to logon to Blackboard on the first day of classes, Mon. 8/25. For additional information, or if you wish to add the course after 8/25, email the instructor.	V. Nguyen	Nguyen_Van@sac.edu
<b>CRIMINAL JUSTICE 101 INTRODUCTION TO CRIMINAL JUSTICE</b> 3 UNITS 86847 (Online) Online instruction plus mandatory orientation meeting Mon. 8/25, 7:00p-8:00p, SAC T-212. Students will be required to come to SAC campus to take Midterm and Final Exams. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.	A. Gonis	Gonis_Andrew@sac.edu
<b>CRIMINAL JUSTICE 101 INTRODUCTION TO CRIMINAL JUSTICE</b> 3 UNITS 86848 (Online) Online instruction plus mandatory orientation meeting Mon. 8/25, 8:00p-9:00p, SAC T-212. Students will be required to come to SAC campus to take Midterm and Final Exams. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.	A. Gonis	Gonis_Andrew@sac.edu
<b>CRIMINAL JUSTICE 103 CONCEPTS OF CRIMINAL LAW</b> 3 UNITS 86850 (Online) Online instruction plus mandatory orientation meeting Mon. 8/25, 6:00p-7:00p, SAC T-212. Students will be required to come to SAC campus to take Midterm and Final Exams. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.	A. Gonis	Gonis_Andrew@sac.edu

SECTION	INSTRUCTOR	EMAIL
<b>DANCE 100 DANCE HISTORY AND APPRECIATION</b> 3 UNITS 86176 (Online) No on-campus meeting times. Students are required to log on to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .	C. Westergard-Dobson	Westergarddobso_Carl@sac.edu
<b>ECONOMICS 120 PRINCIPLES/MACRO</b> 3 UNITS 86213 (Hybrid) Online instruction plus mandatory on-campus meetings. 8/30, 11/8, 12/6 from 11:15a-12:45p in SAC I-107. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.	L. Ho	Ho_Lac@sac.edu
<b>ECONOMICS 120 PRINCIPLES/MACRO</b> 3 UNITS 89307 (Hybrid) 08/25/14–10/18/14 For Online Degree Pathway students only. For further information, please see: <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . Online instruction plus one mandatory on-campus meeting Saturday 8/30, from 9:30a-11:00a in SAC I-107. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .	L. Ho	Ho_Lac@sac.edu
<b>ECONOMICS 121 PRINCIPLES/MICRO</b> 3 UNITS 86217 (Hybrid) Online instruction plus mandatory on-campus meetings on Saturday 8/30, 11/8, 12/6 from 1:00p-2:30p in SAC I-107. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.	L. Ho	Ho_Lac@sac.edu
<b>EDUCATION 204 PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR SECONDARY TEACHERS</b> 3 UNITS 86879 (Hybrid) Online instruction plus mandatory on-campus meetings on Wed, 08/27, 09/03 and then every other Wed, from 7:30p-10:30p in SAC T-203-1. Email instructor first week of class.	Staff	
<b>EDUCATION 205 PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR ELEMENTARY TEACHERS</b> 3 UNITS 86880 (Hybrid) Online instruction plus mandatory on-campus meetings on Wed, 08/27, 09/03 and then every other Wed, from 7:30p-10:30p in SAC T-203-1. Email instructor first week of class.	Staff	
<b>ENGINEERING 012 AEC BLUEPRINT READING</b> 3 UNITS 87961 (Hybrid) 8/26/14–10/14/14 Online instruction plus mandatory on-campus orientation meeting every Tues. 6:00p-10:10p, SAC A-216. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.	C. Castellanos	Castellanos_Carlos@sac.edu
<b>ENGINEERING 100B INTRODUCTION TO AEC</b> 2 UNITS 87610 (Online) 8/25/14–10/17/14 No on-campus meetings. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.	S. Sherod	Sherod_Susan@sac.edu
<b>ENGINEERING 110 ADVANCED CAD APPLICATIONS</b> 0.5–4 UNITS 87614 (Online) No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.	S. Sherod	Sherod_Susan@sac.edu
<b>ENGINEERING 112 SOCIETY AND THE BUILT ENVIRONMENT</b> 3 UNITS 87616 (Online) No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.	S. Sherod	Sherod_Susan@sac.edu
<b>ENGINEERING 118 PLANE SURVEYING</b> 4 UNITS 87618 (Hybrid) Online instruction plus mandatory on campus meetings every Mon. 6:00p-9:10p, SAC A-225.	H. Gallegos	Gallegos_Humberto@sac.edu
<b>ENGINEERING 119 ADVANCED PLANE SURVEYING</b> 4 UNITS 87622 (Hybrid) Online instruction plus mandatory on campus meetings every Mon. 6:00p-9:10p. SAC A-225.	H. Gallegos	Gallegos_Humberto@sac.edu
<b>ENGINEERING 122 ENGINEERING DRAWING</b> 3 UNITS 87629 (Hybrid) Online instruction plus mandatory on campus meetings every Tues. 6:00p-10:10p, SAC A-214.	C. Takahashi	Takahashi_Craig@sac.edu
<b>ENGINEERING 124 ENGINEERING GRAPHICS</b> 3 UNITS 87963 (Hybrid) Online instruction plus mandatory on campus meetings every Tues. 6:00p-10:10p, SAC A-214.	C. Takahashi	Takahashi_Craig@sac.edu
<b>ENGINEERING 132 INTRODUCTION TO ROBOTICS</b> 3 UNITS 87970 (Hybrid) Online instruction plus mandatory on campus meetings every Thur. 6:00p-9:10p, SAC A-216.	C. Takahashi	Takahashi_Craig@sac.edu
<b>ENGINEERING 142 ARCHITECTURE/CIVIL ENGINEERING</b> 4 UNITS 87971 (Hybrid) Online instruction plus mandatory on campus meetings every Mon. & Wed. 1:30p-3:30p, SAC A-216.	S. Sherod	Sherod_Susan@sac.edu

## FALL 2014 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
<b>ENGINEERING 154</b> 87973 (Hybrid) Online instruction plus mandatory on campus meetings every Mon. & Wed. 1:30p-3:30p, SAC A-216.	<b>ARCHITECTURE/CIVIL CONSTRUCTION (AEC) PARAMETRIC AND BIM APPLICATIONS</b> S. Sherod	<b>4 UNITS</b> Sherod_Susan@sac.edu
<b>ENGINEERING 183</b> 87974 (Hybrid) Online instruction plus mandatory on campus meetings every Mon. & Wed. 10:00a-12:10p, SAC A-216.	<b>AUTOCAD I-COMPUTER AIDED DRAFTING</b> S. Sherod	<b>3 UNITS</b> Sherod_Susan@sac.edu
<b>ENGINEERING 183</b> 87975 (Hybrid) Online instruction plus mandatory on campus meetings every Thur. 6: 00p-10:10p, SAC A-216.	<b>AUTOCAD I-COMPUTER AIDED DRAFTING</b> R. Galvez	<b>3 UNITS</b> Galvez_Raul@sac.edu
<b>ENGINEERING 184</b> 87976 (Hybrid) Online instruction plus mandatory on campus meetings every Mon. & Wed. 10:00a-12:10p, SAC A-216.	<b>AUTOCAD II-COMPUTER AIDED DRAFTING</b> S. Sherod	<b>3 UNITS</b> Sherod_Susan@sac.edu
<b>ENGINEERING 184</b> 90902 (Hybrid) Online instruction plus mandatory on campus meetings every Thur. 6: 00p-10:10p, SAC A-216.	<b>AUTOCAD II-COMPUTER AIDED DRAFTING</b> R. Galvez	<b>3 UNITS</b> Galvez_Raul@sac.edu
<b>ENGINEERING 191</b> 88812 (Hybrid) Online instruction plus mandatory on campus meetings every Sat. 8:00a-12:10p, SAC A-225.	<b>CIVIL CAD CONCEPTS</b> R. Galvez	<b>3 UNITS</b> Galvez_Raul@sac.edu
<b>ENGINEERING 193</b> 90905 (Hybrid) Online instruction plus mandatory on campus meetings every Sat. 8:00a-12:10p, SAC A-225.	<b>MICROSTATION 3-D</b> R. Galvez	<b>3 UNITS</b> Galvez_Raul@sac.edu
<b>ENGLISH 061</b> 86394 (Hybrid) Online instruction plus mandatory on-campus meetings: Thur. 8/28, 10/2, 11/6, 12/11 from 4:30p-6:50p in SAC I-104. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>INTRODUCTION TO COMPOSITION</b> G. Bennett	<b>4 UNITS</b> Bennett_Gary@sac.edu
<b>ENGLISH 101</b> 86479 (Hybrid) Online instruction plus mandatory on-campus meetings: Tue. 8/26, 9/23, 11/25, 12/9, from 4:00p-6:30p in SAC VL-309. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>FRESHMAN COMPOSITION</b> N. Kabaji	<b>4 UNITS</b> Kabaji_Noha@sac.edu
<b>ENGLISH 101</b> 86483 (Hybrid) Online instruction plus mandatory on-campus meetings: Mon. 8/25, 9/22, 10/27, 12/1 from 4:00p-5:50p in SAC VL-302. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>FRESHMAN COMPOSITION</b> P. Nguyen	<b>4 UNITS</b> Nguyen_Pete@sac.edu
<b>ENGLISH 101</b> 86490 (Hybrid) Online instruction plus mandatory on-campus meetings: Thursday 8/28, 10/2, 11/6, 12/11 from 7:00p-9:20p in SAC I-202. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>FRESHMAN COMPOSITION</b> G. Bennett	<b>4 UNITS</b> Bennett_Gary@sac.edu
<b>ENGLISH 101</b> 86491 (Hybrid) Online instruction plus mandatory on-campus meetings: Thursday 8/28, 10/2, 11/6, 12/11 from 4:00p-5:50p in SAC VL-205. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>FRESHMAN COMPOSITION</b> J. Carey	<b>4 UNITS</b> Carey_Jennifer@sac.edu
<b>ENGLISH 101</b> 86492 (Hybrid) Online instruction plus mandatory on-campus meetings: Thursday 8/28, 10/2, 11/6, 12/11 from 4:00p-5:50p in SAC VL-311. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>FRESHMAN COMPOSITION</b> I. Chao	<b>4 UNITS</b> Chao_Iris@sac.edu
<b>ENGLISH 101</b> 86500 (Hybrid) Online instruction plus mandatory on-campus meetings: Monday 8/25, 9/29, 10/27, 11/24 from 3:00p-4:50p in SAC VL-305. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>FRESHMAN COMPOSITION</b> C. Ramshaw	<b>4 UNITS</b> Ramshaw_Charles@sac.edu
<b>ENGLISH 101</b> 86511 (Hybrid) 9/26/14-12/12/14 Online instruction plus mandatory on-campus meetings: Friday 9/26, 10/24, 11/14, 12/12 from 6:00p-8:00p in SAC VL-110. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>FRESHMAN COMPOSITION</b> A. Griffin	<b>4 UNITS</b> Griffin_Alice@sac.edu
<b>ENGLISH 102</b> 86744 (Hybrid) Online instruction plus mandatory on-campus meetings: Mondays 8/25, 9/29, 10/27, 11/24 from 5:00p-6:50p in SAC VL-204. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Attendance at first class is mandatory.	<b>LITERATURE AND COMPOSITION</b> C. Ramshaw	<b>4 UNITS</b> Ramshaw_Charles@sac.edu

SECTION	INSTRUCTOR	EMAIL
<b>ENGLISH 103</b> 86772 (Hybrid) Online instruction plus mandatory on-campus meetings: Mondays 8/25, 9/29, 10/27, 11/24 from 5:00p-6:50p in SAC VL-305. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>CRITICAL THINKING AND WRITING</b> M. Beyersdorf	<b>4 UNITS</b> Beyersdorf_Matthew@sac.edu
<b>ENGLISH 270</b> 86807 (Online) No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.	<b>CHILDREN'S LITERATURE</b> G. Bennett	<b>3 UNITS</b> Bennett_Gary@sac.edu
<b>ENTREPRENEURSHIP 100</b> 87884 (Online) 10/20/14-12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.	<b>INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP</b> G. Doolittle	<b>3 UNITS</b> Doolittle_Glenn@sac.edu
<b>ENTREPRENEURSHIP 103</b> 87888 (Hybrid) 10/21/14-12/09/14 Online instruction plus mandatory on-campus meetings on Tuesdays: 10/21, 10/28, 11/04, 11/18, 11/25, 12/02, 12/09 at 6:00p to 10:00p in A-207. Make sure your current email is in personal information.	<b>INNOVATIONS AND OPPORTUNITIES</b> R. Hobbs	<b>2 UNITS</b> Hobbs_Ronald@sac.edu
<b>ENTREPRENEURSHIP 105</b> 87890 (Hybrid) 10/23/14-12/11/14 Online instruction plus mandatory on-campus meetings every Thurs, 6:00p-10:00p, SAC A-207.	<b>SOCIAL MEDIA, BOOTSTRAPPING, AND MARKET VALIDATION</b> E. Vonheim	<b>2 UNITS</b> Vonheim_Eric@sac.edu

# SANTA ANA COLLEGE

# ONLINE DEGREE

# PATHWAY PROGRAM

**PREPARE • ADVANCE • SUCCEED**

**Three Pathway offerings:**

- Associate in Science in Business Administration for Transfer (AS-T)
- Business Administration Major Preparation for CSU, Fullerton
- A.A. in Liberal Arts Degree

**For Further information:**  
[www.sac.edu/onlinepathway](http://www.sac.edu/onlinepathway) • Distance Education office • Cesar Chavez bldg, A-101  
 (714) 564-6725 • [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu)



## FALL 2014 ONLINE COURSES CONTINUED...

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>ENTREPRENEURSHIP 120</b>	<b>INTRODUCTION TO WORKING</b>				<b>1 UNIT</b>
87913 (Online)	B. Carr			Carr_Brennan@sac.edu	
08/25/14–09/05/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. Make sure your current email is in personal information.					
<b>ENTREPRENEURSHIP 121</b>	<b>PEOPLE SKILLS FOR THE FREELANCER</b>				<b>1 UNIT</b>
87915 (Online)	A. Kowsari			Kowsari_Ali@sac.edu	
09/08/14–09/19/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. Make sure your current email is in personal information. Make sure your current email is in personal information.					
<b>ENTREPRENEURSHIP 122</b>	<b>OPPORTUNITIES IN FREELANCE INDUSTRIES AND TRADES</b>				<b>1 UNIT</b>
87917 (Online)	V. Macias			Macias_Victor@sac.edu	
09/22/14–10/03/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. Make sure your current email is in personal information.					
<b>ENTREPRENEURSHIP 123</b>	<b>MARKETING TO ATTRACT CUSTOMERS</b>				<b>1 UNIT</b>
87918 (Online)	E. Vonheim			Vonheim_Eric@sac.edu	
10/06/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. Make sure your current email is in personal information.					
<b>ENTREPRENEURSHIP 124</b>	<b>SURVIVAL FINANCE AND ACCOUNTING FOR THE FREELANCER-SHOW ME THE MONEY</b>				<b>1 UNIT</b>
87921 (Online)	M. McCallick			McCallick_Mark@sac.edu	
10/20/14–10/31/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. Make sure your current email is in personal information.					
<b>ENTREPRENEURSHIP 125</b>	<b>LAUNCH YOUR FREELANCE BUSINESS</b>				<b>1 UNIT</b>
87923 (Online)	D. Todaro			Todaro_Diana@sac.edu	
11/03/14–11/14/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. Make sure your current email is in personal information.					
<b>FIRE TECHNOLOGY 101</b>	<b>FIRE PROTECTION ORGANIZATION</b>				<b>3 UNITS</b>
88710 (Online)	D. Stefano			Stefano_Daniel@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>FIRE TECHNOLOGY 102</b>	<b>FIRE BEHAVIOR AND COMBUSTION</b>				<b>3 UNITS</b>
88719 (Online)	D. Verdecia			Verdecia_David@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>FIRE TECHNOLOGY 103</b>	<b>PERSONAL FIRE SAFETY</b>				<b>3 UNITS</b>
88726 (Online)	S. Horner			Horner_Stephen@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>FIRE TECHNOLOGY 104</b>	<b>FIRE PREVENTION TECHNOLOGY</b>				<b>3 UNITS</b>
88733 (Online)	S. Freeman			Freeman_Suzanne@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>FIRE TECHNOLOGY 105</b>	<b>BUILDING CONSTRUCTION FOR FIRE PROTECTION</b>				<b>3 UNITS</b>
88742 (Online)	D. Wiskus			Wiskus_Dennis@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>FIRE TECHNOLOGY 106</b>	<b>FIRE PROTECTION EQUIPMENT AND SYSTEMS</b>				<b>3 UNITS</b>
88749 (Online)	D. Wiskus			Wiskus_Dennis@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>HISTORY 120</b>	<b>THE UNITED STATES TO 1865</b>				<b>3 UNITS</b>
86927 (Online)	K. Guzman			Guzman_Kristen@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>HISTORY 120</b>	<b>THE UNITED STATES TO 1865</b>				<b>3 UNITS</b>
86931 (Online)	Staff				
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>HISTORY 121</b>	<b>THE UNITED STATES SINCE 1865</b>				<b>3 UNITS</b>
86937 (Online)	Staff				
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>HUMAN DEVELOPMENT 107</b>	<b>CHILD GROWTH AND DEVELOPMENT</b>				<b>3 UNITS</b>
86882 (Online)	S. Valdez			Valdez_susanne@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>HUMAN DEVELOPMENT 112</b>	<b>HEALTH, SAFETY &amp; NUTRITION FOR SCHOOL AGED CHILDREN</b>				<b>3 UNITS</b>
86884 (Hybrid)	S. Valdez			Valdez_susanne@sac.edu	
Online instruction plus mandatory on-campus meetings Sat. 08/30, 10/04, 11/15, 12/06 from 9:30a-12:30p, SAC V-151. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>I.D.S. 121</b>	<b>HUMANITIES THROUGH THE ARTS</b>				<b>3 UNITS</b>
86451 (Online)	Staff				
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY-HEALTH 101</b>	<b>HEALTHFUL LIVING</b>				<b>3 UNITS</b>
87697 (Online)	D. Breig			Breig_David@sac.edu	
08/25/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY-HEALTH 101</b>	<b>HEALTHFUL LIVING</b>				<b>3 UNITS</b>
87698 (Online)	D. Breig			Breig_David@sac.edu	
10/20/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY-HEALTH 101</b>	<b>HEALTHFUL LIVING</b>				<b>3 UNIT</b>
88005 (Online)	A. Siddons			Siddons_AI@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY-HEALTH 102</b>	<b>WOMEN'S HEALTH ISSUES</b>				<b>3 UNITS</b>
87954 (Online)	K. Nutter			Nutter_Kim@sac.edu	
08/25/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY-HEALTH 102</b>	<b>WOMEN'S HEALTH ISSUES</b>				<b>3 UNITS</b>
87956 (Online)	K. Nutter			Nutter_Kim@sac.edu	
10/20/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY-HEALTH 104</b>	<b>NUTRITION AND FITNESS</b>				<b>2 UNITS</b>
87684 (Online)	T. Abbey			Abbey_Troy@sac.edu	
08/25/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY-HEALTH 104</b>	<b>NUTRITION AND FITNESS</b>				<b>2 UNITS</b>
87685 (Online)	T. Abbey			Abbey_Troy@sac.edu	
10/20/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY PROFESSIONAL 125</b>	<b>SPORT PSYCHOLOGY</b>				<b>3 UNITS</b>
87930 (Online)	F. Luppani			Luppani_Flo@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY PROFESSIONAL 150</b>	<b>SPORT AND SOCIETY</b>				<b>3 UNITS</b>
87942 (Online)	F. Luppani			Luppani_Flo@sac.edu	
08/25/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY PROFESSIONAL 150</b>	<b>SPORT AND SOCIETY</b>				<b>3 UNITS</b>
87943 (Online)	F. Luppani			Luppani_Flo@sac.edu	
10/20/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>KINESIOLOGY PROFESSIONAL 170</b>	<b>SPORT ETHICS</b>				<b>3 UNITS</b>
87939 (Online)	F. Luppani			Luppani_Flo@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>LIBRARY &amp; INFORMATION STUDIES 100</b>	<b>LIBRARY RESEARCH FUNDAMENTALS</b>				<b>1 UNIT</b>
90125 (Online)	E. Saliba			Saliba_Elizabeth@sac.edu	
10/20/14–12/12/14 For Online Degree Pathway students only. For further information, please see: <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>MANAGEMENT 120</b>	<b>PRINCIPLES OF MANAGEMENT</b>				<b>3 UNITS</b>
87891 (Online)	G. Shweiri			Shweiri_Gabriel@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.					
<b>MARKETING 113</b>	<b>PRINCIPLES OF MARKETING</b>				<b>3 UNITS</b>
87898 (Online)	G. Shweiri			Shweiri_Gabriel@sac.edu	
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.					

SANTA ANA COLLEGE

ONLINE COURSES

## FALL 2014 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
<b>MARKETING 125</b> 87903 (Online)	<b>ADVERTISING AND PROMOTION</b> J. Russo	<b>2 UNIT</b> Russo_John@sac.edu
08/25/14–10/17/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>MARKETING 126</b> 88143 (Online)	<b>DISTRIBUTING PRODUCT AND SERVICES</b> L. Stewart	<b>2 UNIT</b> Stewart_Lynn@sac.edu
10/20/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>MATHEMATICS 060</b> 88032 (Hybrid)	<b>ELEMENTARY ALGEBRA</b> C. Solheid	<b>4 UNITS</b> Solheid_Christa@sac.edu
Online instruction with required exams on-campus: Fri. 9/26, 10/24, 11/21, and 12/12; 4:00p-6:00p, SAC I-204. Between the dates of 8/20 to 8/22 email the instructor at solheid_christa@sac.edu for instructions on how to view the mandatory orientation. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .		
<b>MATHEMATICS 080</b> 88044 (Hybrid)	<b>INTERMEDIATE ALGEBRA</b> D. Vu	<b>4 UNITS</b> Vu_Dahlia@sac.edu
Online instruction with required exams on-campus: Fri. 9/26, 10/24, 11/21, and 12/12; 6:00p-8:00p, SAC I-203. Between the dates of 8/20 to 8/22 email the instructor at vu_dahlia@sac.edu for instructions on how to view the mandatory orientation. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .		
<b>MATHEMATICS 140</b> 87742 (Hybrid)	<b>COLLEGE ALGEBRA</b> R. Shahbazian	<b>4 UNITS</b> Shahbazian_Roy@sac.edu
Online instruction with required exams on-campus: Fri. 9/26; 10/24; 11/21; 12/12; 6:00p-8:00p, SAC I-204. Between the dates of 8/20 to 8/22 email the instructor at Shahbazian_Roy@sac.edu for instructions on how to view the mandatory orientation. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .		
<b>MATHEMATICS 150</b> 88101 (Hybrid)	<b>CALCULUS FOR BIOLOGICAL, MANAGEMENT AND SOCIAL SCIENCES</b> M. Everett	<b>4 UNITS</b> Everett_Michael@sac.edu
Online instruction with required exams on-campus: Fri. 9/26, 10/24, 11/21, and 12/12; 6:00p-8:00p, SAC L-207. Between the dates of 8/20 to 8/22 email the instructor for instructions on how to view the mandatory orientation. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .		
<b>MUSIC 101</b> 86085 (Online)	<b>MUSIC APPRECIATION</b> E. Jones	<b>3 UNITS</b> Jones_Elliott@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>OTA 100</b> 88620 (Online)	<b>MEDICAL TERMINOLOGY AND DOCUMENTATION FOR THE O.T.A</b> S. Reeder	<b>1 UNITS</b> Reeder_Shellie@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>OTA 101</b> 88621 (Online)	<b>FOUNDATIONS OF OCCUPATION AND OCCUPATIONAL THERAPY</b> S. Reeder	<b>4 UNITS</b> Reeder_Shellie@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>OTA 103</b> 88624 (Online)	<b>PHYSICAL FUNCTION &amp; DYSFUNCTION</b> M. Parolise	<b>4 UNITS</b> Parolise_Michelle@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>OTA 110</b> 88625 (Online)	<b>HUMAN OCCUPATION ACROSS LIFESPAN</b> S. Reeder	<b>3 UNIT</b> Reeder_Shellie@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>OTA 111</b> 88632 (Online)	<b>APPLIED KINESIOLOGY</b> S. Reeder	<b>1 UNIT</b> Reeder_Shellie@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>OTA 201</b> 88627 (Hybrid)	<b>CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE</b> M. Parolise	<b>4 UNITS</b> Parolise_Michelle@sac.edu
Online instruction plus mandatory on-campus meetings. Sat, 09/06, 09/20, 10/04, 10/11, 10/18, 10/25, 11/01, 11/08, 11/15, 11/22, 12/06, 12/13 from 9am-12pm, SAC T-210. Students are required to logon to blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>PARALEGAL 121</b> 87548 (Online)	<b>ETHICS AND PROFESSIONAL RESPONSIBILITY</b> R. Manzano	<b>2 UNITS</b> Manzano_Rick@sac.edu
9/22/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		

SECTION	INSTRUCTOR	EMAIL
<b>PARALEGAL 121</b> 87556 (Online)	<b>ETHICS AND PROFESSIONAL RESPONSIBILITY</b> R. Manzano	<b>2 UNITS</b> Manzano_Rick@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>PARALEGAL 150</b> 87530 (Hybrid)	<b>LEGAL TRANSACTIONS</b> K. Smith	<b>5 UNITS</b> Smith_Kimberly@sac.edu
Online instruction plus mandatory on campus meetings every Tues. 6:00p-10:10p, SAC A-205. Make sure your current email is in personal information.		
<b>PARALEGAL 297</b> 90833 (Online)	<b>THE PROFESSIONAL PARALEGAL</b> R. Manzano	<b>2 UNITS</b> Manzano_Rick@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.		
<b>PHARMACY TECHNOLOGY 048</b> 89685 (Hybrid)	<b>INTRODUCTION TO PHARMACY TECHNOLOGY</b> J. Ross Jr	<b>2 UNITS</b> Rossjr_John@sac.edu
Online instruction plus mandatory on-campus meetings every other Sat. beginning 08/30, from 8:00a-10:05a, SAC H-201. Email instructor first week of semester.		
<b>PHARMACY TECHNOLOGY 052</b> 89773 (Hybrid)	<b>BODY SYSTEMS II</b> H. Nguyen	<b>3.5 UNITS</b> Nguyen_Hieu@sac.edu
Online instruction plus mandatory on-campus meetings every other Mon. beginning 08/25, from 6:00p-9:45p, SAC I-208. Email instructor first week of semester.		
<b>PHARMACY TECHNOLOGY 054</b> 89688 (Hybrid)	<b>PHARMACY CALCULATIONS</b> J. Ross Jr	<b>2 UNITS</b> Rossjr_John@sac.edu
Online instruction plus mandatory on-campus meetings every other Sat. beginning 8/30, from 10:15a-12:20p, SAC H-201. Email instructor first week of class.		
<b>PHILOSOPHY 110</b> 87012 (Hybrid)	<b>CRITICAL THINKING</b> Z. Fish	<b>4 UNITS</b> Fish_Zachary@sac.edu
Online instruction plus mandatory on-campus meetings. Mon. 8/25, 9/22, 10/27, 12/1 from 5:00p-6:50p in SAC VL-105. Students are required to logon to blackboard on the first week of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a>		
<b>POLITICAL SCIENCE 101</b> 87050 (Hybrid)	<b>INTRODUCTION TO AMERICAN GOVERNMENTS</b> T. Murphy	<b>3 UNITS</b> Murphy_Tim@sac.edu
Online instruction with mandatory on-campus meetings, Wednesday 8/27, 9/24, 10/29, 12/4, 12/10 from 5:30p-6:50p, in SAC VL-105. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .		
<b>PSYCHOLOGY 100</b> 87141 (Online)	<b>INTRODUCTION TO PSYCHOLOGY</b> F. Ortiz	<b>3 UNITS</b> Ortiz_Fernando@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>PSYCHOLOGY 100</b> 89310 (Online)	<b>INTRODUCTION TO PSYCHOLOGY</b> F. Ortiz	<b>3 UNITS</b> Ortiz_Fernando@sac.edu
08/25/14–10/18/14 For Online Degree Pathway students only. For further information, please see: <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at (714) 564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>READING 150</b> 87204 (Hybrid)	<b>CRITICAL READING</b> G. Gilreath	<b>3 UNITS</b> Gilreath_Genice@sac.edu
Online instruction plus mandatory on-campus meetings. on Fridays 8/29, 9/26, 10/31, 12/12 from 9:00a-10:50a in SAC VL-110. Students are required to logon to blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>READING 150</b> 89309 (Online)	<b>CRITICAL READING</b> G. Gilreath	<b>3 UNITS</b> Gilreath_Genice@sac.edu
10/20/14–12/12/14 For Online Degree Pathway students only. For further information, please see: <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at (714) 564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . No campus meeting times. Students are required to logon to blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .		
<b>SOCIOLOGY 100</b> 87250 (Hybrid)	<b>INTRODUCTION TO SOCIOLOGY</b> G. Cicchelli	<b>3 UNITS</b> Cicchelli_Giana@sac.edu
Online instruction plus 5 mandatory on-campus meetings. on Thursday 8/28, 9/25, 10/23, 11/20, 12/11 from 5:30p-6:30p in SAC VL-204. Students are required to logon to blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .		
<b>SOCIOLOGY 100</b> 87268 (Online)	<b>INTRODUCTION TO SOCIOLOGY</b> G. Cicchelli	<b>3 UNITS</b> Cicchelli_Giana@sac.edu
10/20/14–12/12/14 No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		

## FALL 2014 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
<b>SOCIOLOGY 100</b> 89311 (Online)	<b>INTRODUCTION TO SOCIOLOGY</b> A. Campbell	<b>3 UNITS</b> Campbell_Alondo@sac.edu
08/25/14–10/17/14 For Online Degree Pathway students only. For further information, please see: <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> , or contact Distance Education, at (714) 564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>SOCIOLOGY 112</b> 87269 (Online)	<b>RELATIONSHIPS, MARRIAGES, AND FAMILY</b> R. O'Dell	<b>3 UNITS</b> Odell_Rene@sac.edu
No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>SPANISH 101</b> 87277 (Hybrid)	<b>ELEMENTARY SPANISH I</b> J. Galvan	<b>5 UNITS</b> Galvan_Javier@sac.edu
Online instruction with 5 mandatory on-campus meetings. on Thursday 8/28, 9/18, 10/16, 11/6 and 12/4 from 6:00p-8:30p in SAC I-109. Class will use text "Mundo 21". Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>SPANISH 101</b> 87283 (Hybrid)	<b>ELEMENTARY SPANISH I</b> J. Galvan	<b>5 UNITS</b> Galvan_Javier@sac.edu
Online instruction with 5 mandatory on-campus meetings. on Monday 8/25, 9/15, 10/13, 11/3, 12/1 from 4:30p-6:50p in SAC VL-106. Class will use text "Puntos de Partida". Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>SPANISH 101</b> 87287 (Hybrid)	<b>ELEMENTARY SPANISH I</b> M. Guerrero	<b>5 UNITS</b> Guerrero_Martha@sac.edu
8/27/14–10/15/14 Online instruction with 5 mandatory on-campus meetings. on Wednesday 8/27, 9/10, 9/24, 10/8 and 10/15 from 2:00p-4:30p in SAC VL-311. Class will use text "Puntos de Partida". Recommend enrollment in second eight week section 87304 Spanish 102.		

SECTION	INSTRUCTOR	EMAIL
<b>SPANISH 101</b> 87292 (Hybrid)	<b>ELEMENTARY SPANISH I</b> L. Lopez	<b>5 UNITS</b> Lopez_Leticia@sac.edu
Online instruction with 5 mandatory on-campus meetings. Tuesday 8/26, 9/16, 10/14, 11/18, 12/2 from 10:45a-1:15p in SAC R-114. The class requires the use of textbook "Mundo 21". Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>SPANISH 102</b> 87304 (Hybrid)	<b>ELEMENTARY SPANISH II</b> M. Guerrero	<b>5 UNITS</b> Guerrero_Martha@sac.edu
10/22/14–12/10/14 Online instruction with 5 mandatory on-campus meetings. from 2:00p-4:30p on Wednesday 10/22, 11/5, 11/19, 12/3, 12/10 in SAC VL-311. Class will use the textbook "Puntos de Partida". Recommend enrollment in first eight week section 87287 SPAN 101.		
<b>SPANISH 102</b> 87316 (Hybrid)	<b>ELEMENTARY SPANISH II</b> L. Lopez	<b>5 UNITS</b> Lopez_Leticia@sac.edu
Online instruction with 5 mandatory on-campus meetings. from 2:00p-4:30p on Thursday 8/28, 9/18, 10/16, 11/6, 12/4 from 4:00-6:50pm in SAC VL-106. Class will use the textbook "Mundo 21". Students are required to log on to Blackboard on the first day of class at <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>STUDY SKILLS 109</b> 87031 (Online)	<b>COLLEGE LEARNING SKILLS</b> Staff	<b>3 UNITS</b> Staff@sac.edu
Online instruction with mandatory on-campus Orientation: Tuesday, August 26 5:30p-7:00p OR Wednesday, August 27 10:30a-12:00p in SAC L-225. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		

# FALL 2014 CLASSES

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>ACCOUNTING</b>					
<b>ACCOUNTING 010, ACCOUNTING PROCEDURES</b>					<b>3.0 UNITS</b>
<i>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 and/or occupations in bookkeeping.</i>					
85899	8:00a-9:25a	Tu Th	Frank D	SAC A-207	Full Semester
85900	7:00p-10:10p	M	Beck J	SAC A-209	Full Semester
<b>ACCOUNTING 032, PAYROLL ACCOUNTING</b>					<b>1.0 UNIT</b>
<i>This course covers accounting for payroll, and Worker's Compensation. Calculation of payroll, payroll taxes and the related forms and deposit requirements are covered.</i>					
85902			Anderson J	SAC WEB	10/20-12/12
Section 85902 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your email is in your current personal information.					
85901	7:00p-9:20p	M	Anderson J	SAC A-228	08/25-10/13
<b>ACCOUNTING 035, QUICKBOOKS</b>					<b>2.0 UNITS</b>
<i>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.</i>					
85903			Anderson J	SAC WEB	08/25-10/17
Section 85903 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your email is in your current personal information.					
85904			Anderson J	SAC WEB	10/20-12/12
Section 85904 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your email is in your current personal information.					
85905	6:00p-10:15p	Tu	McCallick M	SAC A-228	08/26-10/14
85906	6:00p-10:20p	Tu	McCallick M	SAC A-228	10/21-12/09

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>ACCOUNTING 101, FINANCIAL ACCOUNTING</b>					
					<b>4.0 UNITS</b>
<i>The study of accounting as an information system, examining why it is important, and how it is used by investors and creditors to make decisions. Coverage includes the accounting information system and the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the classified financial statements, and statement analysis. It also includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls and ethics.</i>					
85908			McCallick M	SAC WEB	Full Semester
Section 85908 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your email is in your current personal information.					
89299			Trone J	SAC WEB	08/25-10/17
Section 89299 Students must apply to participate in the Online Degree Pathway Program. For further information, please see: <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> or contact the Distance Education Office at (714) 564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . Online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your email is in your current personal information.					
85909	8:00a-10:05a	M W	Shirah M	SAC A-211	Full Semester
85911	8:00a-10:05a	Tu Th	Staff	SAC A-211	Full Semester
85917	9:00a-1:15p	Sa	Erlandson S	SAC A-211	Full Semester
85910	9:30a-11:35a	Tu Th	Trone J	SAC A-209	Full Semester
85912	10:15a-12:20p	M W	McCallick M	SAC A-209	Full Semester
85913	6:00p-10:15p	M	Alvarado J	SAC A-211	Full Semester
85914	6:00p-10:15p	Th	Erlandson S	SAC A-211	Full Semester
85915	6:00p-10:15p	W	McCallick M	SAC A-209	Full Semester
85916	6:00p-10:15p	Tu	Sung L	SAC A-211	Full Semester

**Academic Planning Questions?**  
[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

**Online Counseling Now Available!**  
[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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## What's New in Accounting, Finance & Tax?

- Accounting 102 – **Managerial Accounting** – now ENTIRELY ONLINE (Section 85918)
- Accounting 124 – **Computerized Income Tax Prep** - TURBOTAX (Section 85931)
- Accounting 170 – **Microsoft Dynamics** (Section 85932)
- Accounting 205 – **Intermediate Accounting** (Section 91084)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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### ACCOUNTING 205, INTERMEDIATE ACCOUNTING

Second-year accounting dealing with conceptual framework, adjustments, and financial statements, present and future value concepts, cash, investments, receivables, cost and valuation procedures for inventories, accounting for plant and intangible assets.

Prerequisite: Accounting 102 with a minimum grade of C.

91084	7:00p-10:10p	Tu	Frank D	SAC A-205	Full Semester
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### 3.0 UNITS

## ANTHROPOLOGY

### ANTHROPOLOGY 100, INTRODUCTION TO CULTURAL ANTHROPOLOGY

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.

86048	8:00a-9:25a	MW	Wood S	SAC VL-204	Full Semester
86049	9:00a-12:10p	F	Evans T	SAC VL-204	Full Semester
86062	9:00a-12:10p	Sa	Pascencia M	SAC VL-204	Full Semester
86064	9:45a-11:10a	MW	Robertson M	SAC VL-204	Full Semester
86046	11:30a-12:55p	TuTh	Wood S	SAC VL-209	Full Semester
86053	1:00p-4:20p	MW	Staff	SAC VL-301	08/25-10/15

Section 86053 is an Express to Success course. Recommend enrollment in second eight weeks in section 87258, SOC 100. See the Express to Success program page in the class schedule for more information.

86045	7:00p-10:10p	Th	Cundiff W	SAC I-207	Full Semester
86050	7:00p-10:10p	Tu	Evans T	SAC VL-103	Full Semester

### ANTHROPOLOGY 101, INTRODUCTION TO PHYSICAL ANTHROPOLOGY

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.

86067	9:30a-12:40p	TuTh	Robertson M	SAC VL-204	08/26-10/16
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Section 86067 is an Express to Success course. Recommend enrollment in section 86072, ANTH 101L. See the Express to Success program page in the class schedule for more information.

86070	9:30a-12:45p	TuTh	Robertson M	SAC VL-204	10/21-12/11
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Section 86070, ANTH 101 is an Express to Success course. Recommend enrollment in section 86133, ANTH 101L. See the Express to Success program page in the class schedule for more information.

86071	11:30a-12:55p	MW	Robertson M	SAC VL-204	Full Semester
86068	7:00p-10:10p	Tu	Cundiff W	SAC VL-204	Full Semester

### ANTHROPOLOGY 101L, PHYSICAL ANTHROPOLOGY LABORATORY

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.

86072	1:00p-4:10p	TuTh	Robertson M	SAC VL-204	08/26-10/16
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Section 86072, ANTH 101L is an Express to Success course. Recommend enrollment in section 86067 ANTH 101. See the Express to Success program page in the class schedule for more information.

86133	1:00p-4:15p	TuTh	Robertson M	SAC VL-204	10/21-12/11
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Section 86133 ANTH 101L is an Express to Success course. Recommend enrollment in Section 86070 ANTH 101. See the Express to Success program page in the class schedule for more information.

86139	1:30p-4:40p	W	Robertson M	SAC VL-204	Full Semester
86142	7:00p-10:10p	W	Cundiff W	SAC VL-204	Full Semester

### ANTHROPOLOGY 103, INTRODUCTION TO ARCHAEOLOGY

This is a survey course in world archaeology. Methods of archaeological survey and excavation will be discussed as well as past and current concepts and theories. Material remains such as lithics, bone, ceramics and ecofacts will be discussed as to how they can be interpreted into social, political, economic, religious, and ethnic terms.

86146	7:00p-10:10p	Th	Cheetham D	SAC VL-204	Full Semester
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### ANTHROPOLOGY 105, ANCIENT MESOAMERICAN CIVILIZATION

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.

88102	7:00p-10:10p	M	Cheetham D	SAC VL-110	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.

### ACCOUNTING 102, MANAGERIAL ACCOUNTING 4.0 UNITS

Study of the use and reporting of accounting data for managerial planning, cost control, and decision making purposes. The course includes broad coverage of concepts, classifications, and behaviors of costs. Topics include cost systems, the analysis and use of cost information, cost-volume-profit analysis, contribution margin, profit planning, standard costs, relevant costs, and capital budgeting.

85918			Trone J	SAC WEB	Full Semester
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Section 85918 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>.

Make sure your email is in your current personal information.

85920	8:00a-9:50a	MW	McCallick M	SAC A-209	Full Semester
85921	9:00a-1:10p	Sa	Shende A	SAC A-209	Full Semester
85925	10:15a-12:20p	MW	Alvarado J	SAC A-211	Full Semester
85922	11:45a-1:50p	TuTh	Trone J	SAC A-209	Full Semester
85923	6:00p-10:10p	Th	Phung T	SAC A-209	Full Semester
85924	6:00p-10:10p	W	Phung T	SAC A-211	Full Semester

### ACCOUNTING 104, FEDERAL AND CALIFORNIA TAXES 4.0 UNITS

Learn how to prepare federal and California state income tax returns for the individual. Learn tax theory and rules behind the Form 1040 and the most common IRS Schedules, such as Schedules A, B, C, D, E, and common income adjustments and tax credits. This course is CTEC qualified. This course may be repeatable as continuing education for professional certification.

85926			Viersen A	SAC WEB	Full Semester
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Section 85926 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information

85927			Sung L	SAC WEB	Full Semester
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Section 85927 online instruction with mandatory in-person orientation Wed, 8/27, 5:00p, SAC A-211. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

85928	6:00p-10:10p	Tu	Matheny R	SAC A-209	Full Semester
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### ACCOUNTING 113, INTERMEDIATE INCOME TAXES - CORPORATIONS 2.0 UNITS

This course covers income tax theory, concepts and regulations relating to corporations. The course includes the federal and California tax systems and income taxation relating to Corporations as well as basic tax research and ethical implications. This course includes coverage of both C Corporations and S Corporations. This course may be repeatable as continuing education for professional certification.

85929	6:00p-10:10p	W	Siebert P	SAC A-222	08/27-10/15
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### ACCOUNTING 114, INTERMEDIATE INCOME TAXES - PARTNERSHIP AND LLCs 2.0 UNITS

This course covers income tax theory, concepts and regulations relating to partnerships. The course includes the federal and California tax systems and income taxation relating to partnerships and other forms of business such as LLCs as well as basic tax research and ethical implications. This course may be repeatable as continuing education for professional certification.

85930	6:00p-10:10p	W	Siebert P	SAC A-222	10/22-12/10
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### ACCOUNTING 124, COMPUTERIZED INCOME TAX PREPARATION 1.0 UNIT

This course provides a student with the practical knowledge of income tax preparation and the income tax formula using commercial tax software. This course may be repeatable as continuing education for professional certification as legally mandated, for licensure and/or due to a significant lapse of time.

85931	6:00p-8:05p	M	Sung L	SAC A-228	10/20-12/08
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### ACCOUNTING 170, MICROSOFT DYNAMICS FOR FINANCIAL ACCOUNTING - CORE MODULES 4.0 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.

85932	6:00p-10:10p	Tu	Frost D	SAC A-108	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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# ART

## ART 009, ART LAB

0.5 UNIT

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

Open Entry / Open Exit

86728	TBA		Crabb P	SAC C-105	Full Semester
Student MUST be concurrently enrolled in a ceramics class. 1.5 arranged hours per week.					
86730	5:00p-6:30p	Tu Th	Hower T	SAC C-210	Full Semester
Student MUST be concurrently enrolled in an art class. 1.5 arranged hours per week.					
86765	5:00p-6:30p	MW	Hower T	SAC C-210	Full Semester
Student MUST be concurrently enrolled in an art class. 1.5 arranged hours per week.					

## ART 100, INTRODUCTION TO ART CONCEPTS

3.0 UNITS

A study of the visual arts in relation to both personal and cultural expressions. Fundamentals of visual organization, color theory, terminology, historical art movements and concepts will be studied. Required for art majors.

86180			Redfield M	SAC WEB	Full Semester
Section 86180. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a>					

88925			Redfield M	SAC WEB	Full Semester
Section 88925. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a>					

86182	8:00a-9:25a	MW	Solon D	SAC C-104	Full Semester
86185	8:00a-9:25a	Tu Th	Fosmire E	SAC C-104	Full Semester
89031	9:00a-12:10p	F	Burch L	SAC A-130	Full Semester
86201	11:00a-12:25p	Tu Th	Gomez-Holbrook A	SAC C-104	Full Semester
86193	11:30a-12:55p	MW	Solon D	SAC A-130	Full Semester
86202	12:30p-1:55p	MW	Marquez P	SAC C-104	Full Semester
86204	1:00p-2:25p	Tu Th	Staff	SAC C-104	Full Semester
86216	4:00p-5:25p	Tu Th	MacMullin C	SAC A-130	Full Semester
86208	6:00p-9:10p	F	Redfield M	SAC C-104	08/29-10/18
	12:30p-3:40p	Sa	Redfield M	SAC C-104	
87419	6:00p-9:30p	F	Digiovanni E	SAC C-104	10/24-12/13
	12:30p-4:00p	Sa	Digiovanni E	SAC C-104	
86209	6:30p-9:40p	Tu	Soriano I	SAC C-214	Full Semester
86211	6:30p-9:40p	M	Soriano I	SAC C-104	Full Semester
86206	6:30p-9:40p	Th	Burch L	SAC A-130	Full Semester

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

3.0 UNITS

The study of art from Prehistory through Middle Ages. Cultures and Civilizations are studied through visual imagery, lecture, class discussion, reading, research and field trips. Recommended sequence of courses: Art 100, Art 101, Art 102.

86218	6:30p-9:40p	Th	Soriano I	SAC C-213	Full Semester
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## ART 102, SURVEY OF WESTERN ART HISTORY II: RENAISSANCE THROUGH THE TWENTIETH CENTURY

3.0 UNITS

The study of Western art history from the Renaissance through the 20th century. Art movements and individual painters, sculptors, architects and printmakers will be presented within the context of the social, political and intellectual histories of their respective periods. Required for art majors.

86224	9:30a-10:55a	Tu Th	Soriano I	SAC C-213	Full Semester
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## ART 104, MEXICAN AND CHICANO ART HISTORY

3.0 UNITS

The history and appreciation of Mexican and Chicano art from the pre-Columbian to the present, including the modern murals of Mexico and the United States.

86221	9:30a-10:55a	MW	Soriano I	SAC C-104	Full Semester
86223	11:00a-12:25p	Tu Th	Soriano I	SAC C-213	Full Semester
86226	6:30p-9:40p	W	Soriano I	SAC C-104	Full Semester

## ART 105, HISTORY OF MODERN ART

3.0 UNITS

History of painting, sculpture, architecture, prints and applied arts from the late nineteenth century through the twentieth century. Covers the formal philosophic, spiritual and historical background of art from Post Impressionism to Post Modernism. For general students and art majors.

86227	6:30p-9:40p	Tu	Solon D	SAC C-213	Full Semester
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## ART 106, ASIAN ART HISTORY

3.0 UNITS

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.

86228	7:00p-10:10p	W	Fosmire E	SAC C-213	Full Semester
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## ART 110, TWO-DIMENSIONAL DESIGN

3.0 UNITS

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.

86781	6:30p-7:20p	MW	Sorrell D	SAC C-208	Full Semester
	7:30p-9:40p	MW	Sorrell D	SAC C-208	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## ART 111, THREE-DIMENSIONAL DESIGN

3.0 UNITS

Fundamentals of visual organization as applied to objects in-the-round. Visual space problems, structure and dimensional terminology through creative projects in various media. Required for art majors.

86840	4:00p-6:05p	W	Carter K	SAC C-106	Full Semester
	6:10p-10:25p	W	Carter K	SAC C-106	

## ART 122, GRAPHIC DESIGN I

3.0 UNITS

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.

Prerequisite: Art 195 with a minimum grade of C.

Material Fee(s): \$15.00

86841	6:30p-7:20p	MW	Staff	DMC-104	Full Semester
	7:30p-9:40p	MW	Staff	DMC-104	

## ART 124, GALLERY PRODUCTION

2.0 UNITS

Instruction in preparation and installation of art exhibits, gallery management, and working on a museum exhibition staff. Includes lectures, visits to artists' studios, and opportunities to work on art shows in two college galleries. Field trips include visits to local galleries and behind-the-scenes museum tours of collections and exhibition preparation areas.

Open Entry / Open Exit

86842	TBA		Marquez P	SAC C-101	Full Semester
Section 86842; Orientation meeting 08/27 3:00pm-4:00pm C-101. Details of course work and arranged hours TBD. Call Art Gallery Office @ 714-564-5615 for information.					

## ART 130, INTRODUCTION TO DRAWING

3.0 UNITS

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.

87284	9:30a-10:20a	Tu Th	Plunkett A	SAC C-210	Full Semester
	10:30a-12:40p	Tu Th	Plunkett A	SAC C-210	
87338	1:00p-1:50p	Tu Th	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	Tu Th	Herberg M	SAC C-210	
87341	2:00p-2:50p	MW	Trueman C	SAC C-208	Full Semester
	3:00p-5:10p	MW	Trueman C	SAC C-208	
87346	6:30p-7:20p	Tu Th	Wagstaff J	SAC C-210	Full Semester
	7:30p-9:40p	Tu Th	Wagstaff J	SAC C-210	

## ART 131, BEGINNING LIFE DRAWING

3.0 UNITS

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.

87348	9:00a-9:50a	MW	Du Plessis D	SAC C-210	Full Semester
	10:00a-12:10p	MW	Du Plessis D	SAC C-210	

## ART 140A, WATERCOLOR PAINTING

2.0 UNITS

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 various watercolor techniques. Students develop basic watercolor skills while painting from simple forms and progressing to a variety of subjects.

87352	12:45p-1:40p	Tu	Spies B	SAC C-208	Full Semester
	1:50p-5:00p	Tu	Spies B	SAC C-208	

## ART 140B, WATERCOLOR PAINTING

2.0 UNITS

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

Prerequisite: Art 140A with a minimum grade of C.

87353	12:45p-1:40p	Tu	Spies B	SAC C-208	Full Semester
	1:50p-5:00p	Tu	Spies B	SAC C-208	

## ART 141, BEGINNING PAINTING

3.0 UNITS

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

87357	1:45p-2:35p	MW	Hostetter D	SAC C-210	Full Semester
	2:45p-4:55p	MW	Hostetter D	SAC C-210	
87362	6:35p-7:25p	MW	Hower T	SAC C-210	Full Semester
	7:35p-9:45p	MW	Hower T	SAC C-210	

## ART 143, LANDSCAPE WATERCOLOR

2.0 UNITS

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.

Prerequisite: Art 140A with a minimum grade of C.

87354	12:45p-1:40p	Tu	Spies B	SAC C-208	Full Semester
	1:50p-5:00p	Tu	Spies B	SAC C-208	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>ART 151, CERAMICS-INTRODUCTORY LEVEL</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Exploration of clay as a structural and creative material. Experiences include throwing on the potter's wheel and hand building. Instruction includes surface design, glazing, and experience in utilitarian forms. Students provide clay and tools.</i>					
<b>Material Fee(s): \$8.00</b>					
87365	9:00a-9:50a	MW	Crabb P	SAC C-105	Full Semester
	10:00a-12:10p	MW	Crabb P	SAC C-105	
87372	9:00a-9:50a	TuTh	Young S	SAC C-105	Full Semester
	10:00a-12:10p	TuTh	Young S	SAC C-105	
87366	1:00p-1:50p	MW	Crabb P	SAC C-105	Full Semester
	2:00p-4:10p	MW	Crabb P	SAC C-105	
87368	7:00p-7:50p	TuTh	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	TuTh	Crabb P	SAC C-105	

<b>ART 152, CERAMICS-INTERMEDIATE THROWING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Further study of wheel thrown techniques, with an emphasis on functional, utilitarian forms. Students provide own clay and tools.</i>					
Prerequisite: Art 151 with a minimum grade of C.					
<b>Material Fee(s): \$8.00</b>					
87375	9:00a-9:50a	MW	Crabb P	SAC C-105	Full Semester
	10:00a-12:10p	MW	Crabb P	SAC C-105	
87370	7:00p-7:50p	TuTh	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	TuTh	Crabb P	SAC C-105	

<b>ART 153, CERAMICS-INTERMEDIATE HANDBUILDING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Further study of handbuilding techniques, with emphasis on one-of-a-kind sculptural forms. Non-traditional alternatives to glazes are explored. Students provide own clay and tools.</i>					
Prerequisite: Art 151 with a minimum grade of C.					
<b>Material Fee(s): \$8.00</b>					
87373	9:00a-9:50a	TuTh	Young S	SAC C-105	Full Semester
	10:00a-12:10p	TuTh	Young S	SAC C-105	

<b>ART 166, CREATING REALISM WITH TEXTURES AND LIGHTS</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Instruction in methods used to achieve realistic looking surface textures and lighting effects in digital 3D scenes for film, and video games using photoshop and 3D Studio Max.</i>					
Prerequisite: Art 196A or TV/Video Communications 181 with a minimum grade of C or Art 162 with a minimum grade of C and portfolio review.					
<b>Material Fee(s): \$15.00</b>					
87378	7:00p-8:25p	MW	Waterman P	SAC A-223	Full Semester
	8:35p-10:00p	MW	Waterman P	SAC A-223	

<b>ART 168, DIGITAL MEDIA: PORTFOLIO AND BUSINESS STRATEGIES</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Creation of digital portfolio, career planning and business operations for employment or continued education. Students will identify job markets, define career goals, develop resume, create portfolio for print and/or web, and develop interviewing skills. Includes overview of business requirements for working with customers. Art 162, 191A, 192A recommended.</i>					
Prerequisite: Art 122 with a minimum grade of C or portfolio review.					
<b>Material Fee(s): \$25.00</b>					
87416	5:00p-7:05p	M	Carter K	DMC-203	Full Semester
	7:15p-10:25p	M	Carter K	DMC-203	

<b>ART 182, INTRODUCTION TO JEWELRY</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Basic instruction in jewelry fabrication including silver soldering, direct casting, and forging, patinas, cold connection, and piercing.</i>					
<b>Material Fee(s): \$25.00</b>					
87417	3:00p-5:00p	Tu	Monroe J	SAC C-106	Full Semester
	5:10p-9:40p	Tu	Monroe J	SAC C-106	

<b>ART 185, FUNDAMENTALS OF CARTOONING AND STORYBOARDING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Introduction to basic cartooning, character development and story boarding 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.</i>					
86229	9:00a-10:25a	F	Sivertsen K	SAC C-207	Full Semester
	10:35a-1:45p	F	Sivertsen K	SAC C-207	

<b>ART 192A, DIGITAL ILLUSTRATION WITH ILLUSTRATOR</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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.</i>					
Prerequisite: Art 195 with a minimum grade of C.					
<b>Material Fee(s): \$15.00</b>					
87377	6:30p-7:20p	TuTh	Nielsen C	DMC-104	Full Semester
	7:30p-9:40p	TuTh	Nielsen C	DMC-104	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>ART 195, INTRODUCTION TO DIGITAL MEDIA ARTS</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Introduction to digital media arts for artists, photographers, Web designers, programmers, and animation artists. Includes an overview of Photoshop, Illustrator, InDesign, digital graphics terminology, careers, market applications and design components. Work in computer lab with scanners, printers, CD ROM's and the Web.</i>					
<b>Material Fee(s): \$15.00</b>					
87379	9:00a-11:05a	M	Staff	DMC-104	Full Semester
	9:00a-10:05a	W	Staff	DMC-104	
	10:15a-11:05a	W		DMC-104	
87380	9:00a-11:05a	Tu	Staff	DMC-104	Full Semester
	9:00a-10:05a	Th	Staff	DMC-104	
	10:15a-11:05a	Th		DMC-104	
87381	9:00a-12:10p	F	Gomez-Holbrook A	SAC A-219	Full Semester
	12:20p-1:10p	F	Gomez-Holbrook A	SAC A-219	
87382	3:00p-5:05p	Tu	Nielsen C	DMC-104	Full Semester
	3:00p-4:05p	Th	Nielsen C	DMC-104	
	4:15p-5:05p	Th		DMC-104	

<b>ART 196A, 3D MODELING FUNDAMENTALS</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>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.</i>					
Prerequisite: Art 195 with a minimum grade of C.					
<b>Material Fee(s): \$15.00</b>					
87383	1:00p-4:10p	Tu	Waterman P	SAC A-223	Full Semester
	4:20p-7:30p	Tu	Waterman P	SAC A-223	
	2:00p-5:10p	Th		SAC A-223	
88926	4:00p-7:10p	M	Waterman P	SAC A-223	Full Semester
	7:20p-10:30p	M	Waterman P	SAC A-223	
	4:00p-7:10p	W		SAC A-223	

<b>ART 230, INTERMEDIATE DRAWING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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.</i>					
Prerequisite: Art 130 with a minimum grade of C.					
<b>Material Fee(s): \$15.00</b>					
87333	9:30a-10:20a	TuTh	Plunkett A	SAC C-210	Full Semester
	10:30a-12:40p	TuTh	Plunkett A	SAC C-210	
87339	1:00p-1:50p	TuTh	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	TuTh	Herberg M	SAC C-210	
87342	2:00p-2:50p	MW	Trueman C	SAC C-208	Full Semester
	3:00p-5:10p	MW	Trueman C	SAC C-208	
87344	6:30p-7:20p	TuTh	Wagstaff J	SAC C-210	Full Semester
	7:30p-9:40p	TuTh	Wagstaff J	SAC C-210	

<b>ART 231, INTERMEDIATE LIFE DRAWING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Continued experience in drawing from the live model with opportunity for development of self-expression. Further exploration of media and techniques.</i>					
Prerequisite: Art 131 with a minimum grade of C.					
87349	9:00a-9:50a	MW	Du Plessis D	SAC C-210	Full Semester
	10:00a-12:10p	MW	Du Plessis D	SAC C-210	

<b>ART 232, ADVANCED LIFE DRAWING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Intensive study of the figure with further development of drawing skills, composition, technique and media utilizing the live model. Projects vary each semester.</i>					
Prerequisite: Art 231 with a minimum grade of C.					
87350	9:00a-9:50a	MW	Du Plessis D	SAC C-210	Full Semester
	10:00a-12:10p	MW	Du Plessis D	SAC C-210	

<b>ART 233, ADVANCED DRAWING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<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 with a minimum grade of C or portfolio review.					
87337	9:30a-10:20a	TuTh	Plunkett A	SAC C-210	Full Semester
	10:30a-12:40p	TuTh	Plunkett A	SAC C-210	
87340	1:00p-1:50p	TuTh	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	TuTh	Herberg M	SAC C-210	
87343	2:00p-2:50p	MW	Trueman C	SAC C-208	Full Semester
	3:00p-5:10p	MW	Trueman C	SAC C-208	
87347	6:30p-7:20p	TuTh	Wagstaff J	SAC C-210	Full Semester
	7:30p-9:40p	TuTh	Wagstaff J	SAC C-210	

**Academic Planning Questions?**  
[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**ART 240, INTERMEDIATE WATERCOLOR**

**2.0 UNITS**

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

Prerequisite: Art 140B with a minimum grade of C.

87355	12:45p-1:40p	Tu	Spies B	SAC C-208	Full Semester
	1:50p-5:00p	Tu	Spies B	SAC C-208	

**ART 241, INTERMEDIATE PAINTING**

**3.0 UNITS**

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

Prerequisite: Art 141 with a minimum grade of C.

87358	1:45p-2:35p	MW	Hostetter D	SAC C-210	Full Semester
	2:45p-4:55p	MW	Hostetter D	SAC C-210	
87363	6:35p-7:25p	MW	Hower T	SAC C-210	Full Semester
	7:35p-9:45p	MW	Hower T	SAC C-210	

**ART 242, ADVANCED PAINTING**

**3.0 UNITS**

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

Prerequisite: Art 241 with a minimum grade of C.

87360	1:45p-2:35p	MW	Hostetter D	SAC C-210	Full Semester
	2:45p-4:55p	MW	Hostetter D	SAC C-210	
87364	6:35p-7:25p	MW	Hower T	SAC C-210	Full Semester
	7:35p-9:45p	MW	Hower T	SAC C-210	

**ART 253, ELECTRIC KILN CERAMICS**

**3.0 UNITS**

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.

Prerequisite: Art 151 with a minimum grade of C.

**Material Fee(s): \$8.00**

89020	1:00p-1:50p	MW	Crabb P	SAC C-105	Full Semester
	2:00p-4:10p	MW	Crabb P	SAC C-105	
89026	7:00p-7:50p	TuTh	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	TuTh	Crabb P	SAC C-105	

**ART 285, INTRODUCTION TO ENAMELING-JEWELRY**

**2.0 UNITS**

An introduction to basic jewelry enameling, including some sawing, filing, and metal forming fabrication with emphasis on color and attention to two dimensional design. Emphasis is on enameling on sheet metal and some cloisonne. Students supply their own enamel and metal.

**Material Fee(s): \$25.00**

87418	5:00p-5:55p	Th	Monroe J	SAC C-106	Full Semester
	6:05p-9:15p	Th	Monroe J	SAC C-106	

**ART 296, COMPUTER GRAPHICS PRODUCTION**

**1.5 UNITS**

Projects focusing on 3D modeling and animation for video games, film/TV, advertising and marketing.

Prerequisite: Art 196A or Television/Video Communications 181 with a minimum grade of C.

87415	2:00p-5:10p	Th	Waterman P	SAC A-223	Full Semester
	5:10p-5:40p	Th	Waterman P	SAC A-223	
89041	5:00p-8:10p	W	Waterman P	SAC A-223	Full Semester
	8:10p-8:40p	W	Waterman P	SAC A-223	

# ASTRONOMY

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

**3.0 UNITS**

Surveys history of astronomy, recent research and observations of the planets, moons, and other solar system objects. Exploration of light and gravity to understand formation, properties and motion of Solar System objects.

87184	11:10a-12:35p	MW	Eastmond T	SAC R-128	Full Semester
87122	1:00p-2:25p	TuTh	Eastmond T	SAC R-124	Full Semester
87185	6:15p-9:25p	Th	Robinson K	SAC R-124	Full Semester

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

**3.0 UNITS**

Surveys the development of astronomy, current research and observations of stars, galaxies and large-scaled structures in the universe. Exploration of light and gravity to understand the properties and evolution of stars, neutron stars, black holes, galaxies and the universe structures and changes.

87190	2:00p-5:10p	W	Staff	SAC R-126	Full Semester
87187	7:00p-10:10p	W	Tumakov V	SAC R-128	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**ASTRONOMY 140, ASTRONOMY LABORATORY**

**1.0 UNIT**

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

Prerequisite: Astronomy 109 or 110 or 110H with a minimum grade of C or concurrent enrollment.

89314	1:15p-4:25p	Tu	Budarz T	SAC R-328	Full Semester
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# AUTOMOTIVE TECHNOLOGY

**AUTOMOTIVE TECHNOLOGY 002, ESSENTIALS**

**3.0 UNITS**

Intended for automotive majors. Introduction to basic practical applications of technology required for advanced-level courses. Theory, parts nomenclature, and description of systems are emphasized.

88633	9:00a-12:10p	Tu	Staff	SAC J-115	Full Semester
88634	9:00a-12:10p	F	Wilkes D	SAC J-115	Full Semester
88638	5:00p-6:25p	MW	Serrano, Jr. M	SAC J-115	Full Semester

**AUTOMOTIVE TECHNOLOGY 006, AUTOMOTIVE MAINTENANCE**

**4.0 UNITS**

Introduces basic maintenance procedures in the areas of engines, drive lines, and electrical systems. This course is recommended for consumers and students interested in entering the automotive repair field. Students furnish hand tools and safety equipment.

88635	12:30p-4:10p	MW	Wilkes D	SAC J-115	Full Semester
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**AUTOMOTIVE TECHNOLOGY 008, OXYACETYLENE-ARC WELDING**

**3.0 UNITS**

Technical knowledge and basic skills needed for occupational oxyacetylene and arc welding processes and applications. Students must furnish safety equipment. (Same as Diesel 008 and Welding 008.)

89619	8:30a-12:10p	TuTh	Moreno G	SAC K-101	Full Semester
89616	8:30a-12:10p	MW	Moore G	SAC K-101	Full Semester
89639	6:00p-9:40p	TuTh	Moreno G	SAC K-101	Full Semester

**AUTOMOTIVE TECHNOLOGY 022, ELECTRONICS FUNDAMENTALS**

**5.0 UNITS**

Introduction to the basic operating principles of electrical and electronic devices used in motor vehicles. Suggested preparation: Automotive Technology 002 or 006. (Same as Diesel 022.)

88641	6:30p-10:50p	TuTh	Hammonds E	SAC J-102	Full Semester
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**AUTOMOTIVE TECHNOLOGY 024, ELECTRICAL SYSTEMS**

**5.0 UNITS**

Theory, operation, diagnosis and maintenance of the following systems and components: lighting, instrument, and accessory circuits. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006, and 022.

88642	8:00a-12:20p	MW	Hammonds E	SAC J-102	Full Semester
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**AUTOMOTIVE TECHNOLOGY 032, TUNE-UP**

**5.0 UNITS**

Tune-up procedures, including fuel, ignition, oscilloscope, emission control, and computer systems. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006.

88636	8:00a-12:20p	TuTh	Wilkes D	SAC J-102	Full Semester
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**AUTOMOTIVE TECHNOLOGY 043, AUTOMATIC TRANSMISSION SERVICE**

**4.0 UNITS**

Theory, operation, diagnosis, and service procedures of automatic transmissions. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006.

88644	6:30p-10:50p	TuTh	Bullard D	SAC J-103	Full Semester
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**AUTOMOTIVE TECHNOLOGY 053, BRAKES**

**4.5 UNITS**

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

88639	6:30p-10:35p	MW	Serrano, Jr. M	SAC J-115	Full Semester
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**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.

88640	12:45p-4:55p	TuTh	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.)

88645	6:30p-10:50p	MW	Endo D	SAC J-102	Full Semester
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**AUTOMOTIVE TECHNOLOGY 080, COMPUTER CONTROLS**

**3.0 UNITS**

Theory, component function, and diagnosis of automotive computer controlled systems. Examples include GM, Ford, and import OBD-2 systems. Suggested preparation: Automotive Technology 002 or 006 and 032 or one year tune-up related trade experience.

88643	5:00p-6:25p	TuTh	Hammonds E	SAC J-102	Full Semester
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**AUTOMOTIVE TECHNOLOGY 086, ADVANCED CLEAN AIR CAR COURSE**

**2.0 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.

88637	6:00p-10:15p	F	Wilkes D	SAC J-102	08/29-10/17
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## BANKING

<b>BANKING 010, TELLER TRAINING FOR FINANCIAL INSTITUTIONS</b>			<b>2.0 UNITS</b>		
<i>Course provides prospective bank employees with a broad overview of financial institutions and basic knowledge of teller techniques including bank transactions and customer service.</i>					
88591	9:00a-2:50p	Sa	Trabant T	SAC A-207	08/30-10/04
88593	9:00a-2:50p	Sa	Trabant T	SAC A-207	11/01-12/13

## BIOLOGY

### Look What's New in Biology for Fall 2014!

General Education: Biology 111 – Marine Biology  
 Field Biology: Biology 128 – Natural History of the California Coast  
 Biotechnology: Biology 190 – Introduction to Biotechnology  
 Biology 191 – Biotech A: Basic Skills  
 Biology 192 – Biotech B: Proteins

<b>BIOLOGY 109, FUNDAMENTALS OF BIOLOGY</b>			<b>3.0 UNITS</b>		
<i>Principles of biology stressing the relationship of all organisms from anatomical, physiological and ecological points of view. Includes cell machinery, genetics, reproduction, embryology, animal behavior, botany, ecology, evolution and human physiology. Concurrent enrollment in Biology 109L recommended. Designed for non-biology majors.</i>					

87232			Mansfield P	SAC WEB	Full Semester
Section 87232 Online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor the first week of class ( <a href="mailto:mansfield_patricia@sac.edu">mansfield_patricia@sac.edu</a> ).					
87252			Morris A	SAC WEB	Full Semester
Section 87252 Online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor the first week of class ( <a href="mailto:morris_kimo@sac.edu">morris_kimo@sac.edu</a> ).					
87255			Morris A	SAC WEB	Full Semester
Section 87255 Online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor the first week of class ( <a href="mailto:morris_kimo@sac.edu">morris_kimo@sac.edu</a> ).					
90319			Morris A	SAC WEB	10/20-12/12
Section 90319 Students must be participating in the Online Degree Pathway program to enroll. No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> or contact the Distance Education Office at (714) 564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> .					
87191	8:00a-9:25a	M W	Lopez J	SAC R-124	Full Semester
87217	9:00a-12:10p	Sa	Gray V	SAC R-128	Full Semester
87315	9:00a-12:10p	F	Nguyen P	SAC R-128	Full Semester
87200	9:15a-10:40a	M W	Goldmann D	SAC R-128	Full Semester
87202	12:15p-3:25p	F	Mansfield P	SAC R-124	Full Semester
87215	2:00p-3:25p	Tu Th	Lopez J	SAC R-128	Full Semester
87201	7:00p-10:10p	M	Goldmann D	SAC R-124	Full Semester

## 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.

<b>BIOLOGY 109L, FUNDAMENTALS OF BIOLOGY LABORATORY</b>			<b>1.0 UNIT</b>		
<i>Laboratory experiments that illustrate important biological concepts at all levels of organization, from molecules and cells, to organisms, populations, communities and ecosystems. Content complements Biology 109/109H lecture material. Fieldtrip required.</i>					
87397	8:00a-11:10a	F	McMath L	SAC R-202	Full Semester
87317	10:00a-1:10p	M	Boyd D	SAC R-202	Full Semester
87319	10:00a-1:10p	Tu	Cuesta Rivera I	SAC R-202	Full Semester
87399	11:00a-2:10p	W	Cuesta Rivera I	SAC R-202	Full Semester
87394	11:00a-2:10p	Th	Chroman L	SAC R-202	Full Semester
87398	12:30p-3:40p	Sa	Palmier C	SAC R-202	Full Semester
87219	1:00p-4:10p	F	Palmier C	SAC R-202	Full Semester
87318	2:30p-5:40p	M	Boyd D	SAC R-202	Full Semester
87400	3:00p-6:10p	Th	Chroman L	SAC R-202	Full Semester
87392	3:00p-6:10p	Tu	Patel D	SAC R-202	Full Semester
87393	7:00p-10:10p	Tu	Ochoa R	SAC R-202	Full Semester
87395	7:00p-10:10p	W	Sharar E	SAC R-202	Full Semester
87396	7:00p-10:10p	Th	Ochoa R	SAC R-202	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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<b>BIOLOGY 111, MARINE BIOLOGY</b>			<b>4.0 UNITS</b>		
<i>This course covers basic concepts of marine ecosystems including oceanographic principles, ecology, and a survey of marine habitats and diversity of marine organisms.</i>					
87623	10:15a-11:40a	Tu Th	Morris A	SAC R-126	Full Semester
	12:30p-3:40p	Tu	Morris A	SAC R-219	
87633	10:15a-11:40a	Tu Th	Morris A	SAC R-126	Full Semester
	12:30p-3:40p	Th	Morris A	SAC R-219	

<b>BIOLOGY 128, NATURAL HISTORY OF THE CALIFORNIA COAST</b>			<b>1.0 UNIT</b>		
<i>An ecological study of plant and animal life of the southern and central California coast. This is a field study course and includes overnight camping.</i>					
89308			Lopez J	FLDTRP	09/23-10/14
	5:30p-7:00p	Tu	Lopez J	SAC R-219	09/23-09/23
	5:30p-6:30p	Tu	Lopez J	SAC R-219	10/14-10/14
Section 89308 MANDATORY Pre-trip orientation meeting Tues, 9/23/14, 5:30p-7:00p, SAC R-219. Field trip: Fri, 10/3/14 noon thru Sun, 10/5/14 9:00p. MANDATORY Post-trip mtg Tues, 10/14/14 5:30p-6:30p, SAC R-219. This is a field study course and includes overnight camping.					

<b>BIOLOGY 139, HEALTH MICROBIOLOGY</b>			<b>4.0 UNITS</b>		
<i>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.</i>					
<b>Material Fee(s): \$15.00</b>					
87239	5:00p-6:25p	Tu Th	Oertel P	SAC R-128	Full Semester
	6:45p-8:50p	Tu Th	Oertel P	SAC R-226	
87222	5:00p-6:25p	Tu Th	Oertel P	SAC R-128	Full Semester
	11:30a-1:35p	Tu Th	Oertel P	SAC R-226	
87233	5:00p-6:25p	Tu Th	Oertel P	SAC R-128	Full Semester
	2:00p-4:05p	Tu Th	Oertel P	SAC R-226	

<b>BIOLOGY 149, HUMAN ANATOMY AND PHYSIOLOGY</b>			<b>4.0 UNITS</b>		
<i>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.</i>					
87243	6:15p-9:25p	Tu	Beltran J	SAC R-124	Full Semester
	9:00a-12:10p	Th	Hampton J	SAC R-201	
87244	6:15p-9:25p	Tu	Beltran J	SAC R-124	Full Semester
	7:00p-10:10p	Th	Beltran J	SAC R-201	
87611	6:15p-9:25p	Tu	Beltran J	SAC R-124	Full Semester
	1:00p-4:10p	Th	Beltran J	SAC R-201	

<b>BIOLOGY 177, HUMAN GENETICS</b>			<b>3.0 UNITS</b>		
<i>Introductory course in human genetics which explores basic principles, patterns of inheritance, gene structure, function and regulation, current advances in genetics and gene technology, as well as social and ethical issues in contemporary genetics.</i>					
87612	2:45p-4:10p	Tu Th	Smith D	SAC I-103	Full Semester

<b>BIOLOGY 190, INTRODUCTION TO BIOTECHNOLOGY</b>			<b>3.0 UNITS</b>		
<i>This course will define the field of biotechnology and provide students with a brief history of its development, an understanding of the foundational molecular biology principles relating to its modern industrial practices and applications, create an awareness of bioethics, and introduce students to the variety of jobs available in this field. This course will allow students to acquire the basic foundational knowledge and skills for the biotechnology field. Industry practices and ethics will be emphasized.</i>					
87613	5:15p-6:40p	Tu Th	Staff	SAC R-318	Full Semester

<b>BIOLOGY 191, BIOTECH A: BASIC SKILLS</b>			<b>4.0 UNITS</b>		
<i>Introduction to the fundamental skills necessary for any biotechnology laboratory. Skills include maintenance of an industry standard notebook, preparation and sterilization of solutions, reagents and media, utilization of good aseptic technique, proper use and maintenance of laboratory equipment, adherence to quality control protocols and lab safety regulations.</i>					
87615	9:00a-3:30p	Sa	Takahashi M	SAC I-202	08/29-10/18
	9:00a-3:30p	F	Takahashi M	SAC R-228	

<b>BIOLOGY 192, BIOTECH B: PROTEINS</b>			<b>4.0 UNITS</b>		
<i>Fundamental skills in applied biotechnology necessary for any biotechnology laboratory but particularly focused on downstream manufacturing processes in biomanufacturing. Skills include maintenance of an industry standard notebook, preparation and sterilization of solutions, reagents and media, utilization of good aseptic technique, proper use and maintenance of laboratory equipment, adherence to quality control protocols, lab safety regulations, in vitro translation, large scale expression, purification, modification, western blot analysis, ELISA, antibody tagging, and fluorescent microscopy. Compliance with industry standards and regulation will be incorporated in course procedures.</i>					
Prerequisite: Biology 191 with a minimum grade of C.					
87617	9:00a-4:25p	Sa	Takahashi M	SAC I-202	10/24-12/13
	9:00a-4:25p	F	Takahashi M	SAC R-228	



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**BIOLOGY 200, ENVIRONMENT OF MAN** **3.0 UNITS**

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

87636	10:30a-11:55a	Tu Th	Gray V	SAC R-318	Full Semester
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**BIOLOGY 211, CELLULAR AND MOLECULAR BIOLOGY** **5.0 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 minimum grade of C.

87650	8:00a-9:25a	Tu Th	Lopez J	SAC R-128	Full Semester
	9:45a-12:55p	Tu Th	Staff	SAC R-228	
87643	4:35p-6:00p	Tu Th	Ou M	SAC R-124	Full Semester
	6:15p-9:25p	Tu Th	Ou M	SAC R-228	
87645	4:35p-6:00p	Tu Th	Ou M	SAC R-124	Full Semester
	1:15p-4:25p	Tu Th	Staff	SAC R-228	

**BIOLOGY 212, ANIMAL DIVERSITY AND ECOLOGY** **5.0 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 minimum grade of C.

87651	12:00p-1:25p	M W	Morris A	SAC I-204	Full Semester
	1:40p-4:50p	M W	Morris A	SAC R-219	

**BIOLOGY 214, PLANT DIVERSITY AND EVOLUTION** **5.0 UNITS**

*Principles and processes of evolution leading to biodiversity. Survey of the organisms, viruses, prokaryotes, fungi, algae, and plants with emphasis on evolutionary adaptations of the anatomy, physiology, and life cycles of these organisms. Field trips required.*

Prerequisite: Biology 211 with a minimum grade of C.

87653	8:00a-9:25a	M W	Corona E	SAC R-114	Full Semester
	9:40a-12:50p	M W	Corona E	SAC R-219	

**BIOLOGY 229, GENERAL MICROBIOLOGY** **5.0 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 239, or 249, or Chemistry 119 or Chemistry 209 with a minimum grade of C.

**Material Fee(s): \$20.00**

87659	1:00p-2:25p	M W	Takahashi M	SAC R-128	Full Semester
	9:00a-12:10p	M W	Takahashi M	SAC R-228	
87660	1:00p-2:25p	M W	Takahashi M	SAC R-128	Full Semester
	6:30p-9:40p	M W	Morales D	SAC R-226	
87656	1:00p-2:25p	M W	Takahashi M	SAC R-128	Full Semester
	3:00p-6:10p	M W	Morales D	SAC R-226	

**BIOLOGY 239, GENERAL HUMAN ANATOMY** **4.0 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.*

87679			Mansfield P	SAC HYBRID	Full Semester
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Section 87679 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. Email instructor first week of class ([mansfield\\_patricia@sac.edu](mailto:mansfield_patricia@sac.edu)).

87661	9:45a-11:10a	M W	Hampton J	SAC R-124	Full Semester
	1:00p-4:10p	M	Hampton J	SAC R-201	
87662	9:45a-11:10a	M W	Hampton J	SAC R-124	Full Semester
	4:30p-7:40p	M	Dibernardo L	SAC R-201	
87663	9:45a-11:10a	M W	Hampton J	SAC R-124	Full Semester
	9:00a-12:10p	Tu	Hampton J	SAC R-201	
87664	9:45a-11:10a	M W	Hampton J	SAC R-124	Full Semester
	1:00p-4:10p	Tu	Hampton J	SAC R-201	
87665	9:45a-11:10a	M W	Hampton J	SAC R-124	Full Semester
	9:00a-12:10p	F	Johnson R	SAC R-201	
87667	12:00p-3:10p	Sa	Beltran J	SAC R-124	Full Semester
	8:30a-11:40a	Sa	Beltran J	SAC R-201	
87673	12:00p-3:10p	Sa	Beltran J	SAC R-124	Full Semester
	3:30p-6:40p	Sa	Beltran J	SAC R-201	



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**BIOLOGY 249, HUMAN PHYSIOLOGY** **4.0 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 with a minimum grade of C or similar Human Anatomy course.

87690	1:15p-4:25p	M	Mansfield P	SAC R-126	Full Semester
	10:00a-1:10p	W	Smith D	SAC R-228	
87691	1:15p-4:25p	M	Mansfield P	SAC R-126	Full Semester
	2:00p-5:10p	W	Mansfield P	SAC R-228	

**Are you interested in majoring in Science, Technology, Engineering or Math? Have you thought about becoming a teacher? If careers in any of these fields excite you, then this program is for you!**



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[www.ENGAGEinSTEMSAC.com](http://www.ENGAGEinSTEMSAC.com)

**SANTA ANA COLLEGE**

**BUSINESS**

**BUSINESS 080, BUSINESS MATHEMATICS** **3.0 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.*

86973	7:00p-10:10p	Th	Arteaga E	SAC A-228	Full Semester
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**BUSINESS 100, FUNDAMENTALS OF BUSINESS** **3.0 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.*

87851			Doolittle G	SAC WEB	08/25-10/17
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Section 87851 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your email is in your current personal information.

87852			Grant M	SAC WEB	Full Semester
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Section 87852 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in the personal information.

87853	8:00a-9:25a	Tu Th	Grant M	SAC A-203	Full Semester
87854	9:30a-10:55a	M W	Doolittle G	SAC A-203	Full Semester
87855	12:30p-1:55p	M W	Kowsari A	SAC A-207	Full Semester
87857	6:00p-9:10p	W	Russo J	SAC A-207	Full Semester

**BUSINESS 101, BUSINESS LAW** **3.0 UNITS**

*Fundamental legal principles pertaining to business transactions. Introduction to the legal process. Topics include sources of law and ethics, contracts, torts, agency, criminal law, business organizations, and judicial and administrative processes.*

87601			Manzano F	SAC WEB	Full Semester
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Section 87601 online instruction. No on campus meeting times. Students are required to logon to Blackboard on the first day of class: <http://rsccd.blackboard.com>. Make sure your current email is in the personal information.

**BUSINESS 103, COOPERATIVE WORK EXPERIENCE-OCCUPATIONAL EDUCATION-OCCUPATIONAL** **1.0 - 4.0 UNITS**

*Supervised paid or volunteer experience in student's major including new or expanded responsibilities. 75 hours of paid work or 60 hours of un-paid work equals one unit. Course may be taken 4 times for a maximum of 16 units of occupational cooperative work experience credit. Open Entry / Open Exit*

87858	TBA		Negrete T	SAC A-107-5	Full Semester
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Section 87858 orientation Wed., Aug. 27, 12:00p-12:50p or 6:00p-6:50p, SAC A-104.

**BUSINESS 104, COOPERATIVE WORK EXPERIENCE-GENERAL EDUCATION-GENERAL** **1.0 - 4.0 UNITS**

*Supervised paid or volunteer experience not related to student's major including new or expanded responsibilities. 75 hours of paid work or 60 hours of un-paid work equals one unit. Course may be taken 4 times for a maximum of 16 units of occupational cooperative work experience credit. Open Entry / Open Exit*

87859	TBA		Molitor M	SAC A-107-5	Full Semester
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Section 87859 orientation Wed., Aug. 27, 12:00p-12:50p or 6:00p-6:50p, SAC A-104.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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All enrolled students are eligible to use our well-equipped **ACADEMIC COMPUTING CENTER** in Room A-106.  
Open five days a week to meet your computing needs.  
Hours are: Monday-Thursday 9am-9pm and Friday 9am-6pm

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**BUSINESS 105, LEGAL ENVIRONMENT OF BUSINESS 3.0 UNITS**

*Fundamental legal principles pertaining to business transactions. Introduction to the law as an instrument of social and political control in society. Topics include sources of law and ethics, contracts, torts, agency, judicial and administrative processes, employment law, forms of business organizations, and domestic and international governmental regulations.*

87579			Manzano F	SAC WEB	Full Semester
Section 87579 online instruction. No on campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in the personal information.					
87591			Manzano F	SAC WEB	09/08-12/14
Section 87591 online instruction. No on campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in the personal information.					
87592			Manzano F	SAC WEB	09/22-12/14
Section 87592 online instruction. No on campus meeting times. Students are required to logon to Blackboard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in the personal information.					
90161			Robinson K	SAC WEB	10/20-12/12
Section 90161 Students must be participating in the Online Degree Pathway program to enroll. For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> or contact the Distance Education Office at (714) 564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . Make sure your current email is in personal information.					
87576	8:00a-9:25a	M W	Doolittle G	SAC A-205	Full Semester
87565	9:30a-10:55a	Tu Th	Robinson K	SAC A-130	Full Semester
87562	11:30a-12:55p	M W	Robinson K	SAC A-203	Full Semester
87593	7:00p-10:10p	W	Mallory C	SAC A-205	Full Semester
87594	7:00p-10:10p	Th	Mills L	SAC B-19	Full Semester

**BUSINESS 106, CULTURE AND INTERNATIONAL BUSINESS-KISS, BOW OR SHAKE HANDS 3.0 UNITS**

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

87860			Doolittle G	SAC WEB	10/20-12/12
Section 87860 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.					
87861	9:30a-10:55a	Tu Th	Grant M	SAC A-203	Full Semester

**BUSINESS 110, EXPORT PRICING, QUOTATIONS AND TERMS OF TRADE 1.0 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.*

OER 87862	6:00p-10:00p	Tu	Grant M	SAC A-203	08/26-09/16
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**BUSINESS 111, INTERNATIONAL BUSINESS DOCUMENTATION-BEGINNING 1.0 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.*

OER 87863	6:00p-10:00p	Tu	Shweiri G	SAC A-203	09/23-10/14
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**BUSINESS 113, INTERNATIONAL TRANSPORTATION 1.0 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.*

H 87864			Shweiri G	SAC HYBRID	10/21-11/11
OER	6:00p-10:00p	Tu	Shweiri G	SAC A-203	
Section 87864 online instruction plus mandatory on-campus meetings on Tuesdays: 10/21, 10/28, 11/04 at 6:00pm to 10:00pm in A-203. Make sure your current email is in personal information.					

**BUSINESS 114, INTERNATIONAL DOCUMENTATION AND SUPPLY CHAIN MANAGEMENT 1.0 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.*

OER 87865	6:00p-10:00p	Tu	Shweiri G	SAC A-203	11/18-12/09
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**BUSINESS 120, PRINCIPLES OF MANAGEMENT 3.0 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.)*

87866			Shweiri G	SAC WEB	Full Semester
Section 87866 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.					
87867	9:30a-10:55a	Tu Th	Shweiri G	SAC A-207	Full Semester
87868	6:00p-9:10p	W	Irlon M	SAC A-210	Full Semester

**BUSINESS 121, HUMAN RELATIONS & ORGANIZATIONAL BEHAVIOR 3.0 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.)*

87869	11:00a-12:25p	Tu Th	Shweiri G	SAC A-130	Full Semester
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**BUSINESS 125, INTRODUCTION TO INTERNATIONAL BUSINESS 3.0 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.*

87870			Stewart L	SAC WEB	08/25-10/17
Section 87870 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.					
87871	6:00p-9:10p	W	Grant M	SAC A-203	Full Semester

**BUSINESS 130, PERSONAL FINANCE 3.0 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.*

85934			Koenig R	SAC WEB	Full Semester
Section 85934 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current e-mail is in personal information.					

**BUSINESS 140, PRINCIPLES OF FINANCE 3.0 UNITS**

*An introduction to corporate financial management, and the functioning of global financial markets. Includes: financial planning and analysis, working capital management, capital budgeting, time value of money, risk analysis, capital markets, and long term financing.*

88144			Mitchell E	SAC WEB	Full Semester
Section 88144 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your email is in your current personal information.					

**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 27, 2014, 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.

**PARALEGAL COOPERATIVE WORK EXPERIENCE**

Paralegal students enroll in: Paralegal 105 (87543) or Paralegal 299 (87687).  
Orientation meeting Wednesday, August 20, 2014, 6:00–6:50pm, SAC A-130

Work Experience also available in Computer Science.

## Check Out What's New in Business!

### Business

BUS 130, Personal Finance

### Business Applications

BA 166, Adobe Illustrator\*

BA 169, Adobe Dreamweaver\*

BA 173, Adobe Flash\*

\*Certification available

### Computer Science

NEW PROGRAM:

Associate in Science in Computer Science for Transfer (ASCS-T)\*\*

\*\* Completion of the ASCS-T guarantees admission with junior status to the California State University system.

### Management

MGMT 125, Organizational Leadership

### Engineering

ENGR 154, Architecture/Civil Engineering/Construction (AEC)

Parametric And BIM Applications (REVIT)

ENGR 175, Introduction to Energy Analysis

### Paralegal

PARA 150, Legal Transactions

PARA 198, Landlord Tenant

PARA 297, The Professional Paralegal



#### BUSINESS 141, THE GLOBALIZATION OF MARKETING 1.0 UNIT

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

87904 Stewart L SAC WEB 08/25-09/19  
 Section 87904 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

#### BUSINESS 142, INTERNATIONAL MARKET RESEARCH AND PLANNING 1.0 UNIT

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

87905 Stewart L SAC WEB 09/22-10/17  
 Section 87905 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

#### BUSINESS 143, PACKAGING, PRICING, AND PROMOTING PRODUCTS/SERVICES FOR EXPORT 1.0 UNIT

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

87906 Stewart L SAC WEB 10/20-11/14  
 Section 87906 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

#### BUSINESS 145, CHANNELS OF DISTRIBUTION IN INTERNATIONAL MARKETS 1.0 UNIT

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

87907 Stewart L SAC WEB 11/17-12/12  
 Section 87907 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

#### BUSINESS 147, INTERNATIONAL COMMERCIAL AGREEMENTS AND DISTRIBUTION LAW 1.0 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.)

87598 6:00p-10:00p Th Doolittle G SAC A-203 08/28-09/18

#### BUSINESS 148, INTERNATIONAL INTELLECTUAL PROPERTY LAW 1.0 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).

87599 6:00p-10:00p Th Staff SAC A-203 09/25-10/16

#### BUSINESS 149, THE LAW OF GLOBAL COMMERCE 1.0 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.)

87600 6:00p-10:00p Th Staff SAC A-203 10/23-11/13

#### BUSINESS 150, INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS 3.0 UNITS

Introduction to computer concepts and management information systems. Application software will be used to solve business problems.

88147 Kushida C SAC WEB 08/25-10/17  
 Section 88147 Students must apply to participate in the Online Degree Pathway Program. For further information, please see: <http://sac.edu/onlinepathway> or contact the Distance Education Office at (714) 564-6725, [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu). Online instruction with mandatory on-campus orientation and final exam. Students must attend one of the following orientation offerings: Mon 8/25, 11:30a-12:15p OR 5:30p-6:15p, SAC A-108. Students must take a final exam on campus on Thurs 10/16 from 5:00p-6:55p, SAC A-108. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. More information available at <http://sac.edu/ckushida>. Make sure your current email is in personal information.

89313 Kushida C SAC WEB 10/20-12/12  
 Section 89313 Students must apply to participate in the Online Degree Pathway Program. For further information, please see: <http://sac.edu/onlinepathway> or contact the Distance Education Office at (714) 564-6725, [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu). Online instruction with mandatory on-campus orientation and final exam. Students must attend one of the following orientation offerings: Mon 10/20, 11:30a-12:15p OR 5:00p-5:45p, SAC A-108. Students must take a final exam on campus on Thurs 12/11 from 5:00p-6:55p, SAC A-108. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. More information available at <http://sac.edu/ckushida>. Make sure your current email is in personal information.

88148 11:30a-12:55p M W Staff SAC A-213 Full Semester  
 88150 11:30a-12:55p M W Harding G SAC A-208 Full Semester  
 88151 11:30a-12:55p Tu Th Harding G SAC A-208 Full Semester  
 88149 6:00p-9:10p M Staff SAC A-213 Full Semester

#### BUSINESS 163, INTERNATIONAL METHODS OF PAYMENT AND LETTERS OF CREDIT 1.0 UNIT

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

87912 Long R SAC WEB 11/17-12/12  
 Section 87912 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

#### BUSINESS 164, ALTERNATIVE FINANCING TECHNIQUES FOR INTERNATIONAL TRADE 1.0 UNIT

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

87911 Long R SAC WEB 10/20-11/14  
 Section 87911 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

#### BUSINESS 165, INTERNATIONAL TRADE FINANCE AND INSURANCE 1.0 UNIT

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

87910 Long R SAC WEB 09/22-10/17  
 Section 87910 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

#### BUSINESS 166, FINANCING AN IMPORT/EXPORT BUSINESS 1.0 UNIT

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

87909 Long R SAC WEB 08/25-09/19  
 Section 87909 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**BUSINESS 170, PRINCIPLES OF SMALL BUSINESS MANAGEMENT 3.0 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.*

88146	6:00p-9:10p	Th	Thomason G	SAC A-225	Full Semester
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**BUSINESS 222, BUSINESS WRITING 3.0 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 with a minimum grade of C.

89456			Woolgar D	SAC WEB	Full Semester
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Section 89456 online instruction plus mandatory on campus orientation on Wed. 8/27 and on campus exams on 9/17, 10/8, 11/5, 11/19 and 12/10, 6:00p-8:00p, SAC A-225. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

87879			Woolgar D	SAC WEB	10/20-12/12
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Section 87879 Students must apply to participate in the Online Degree Pathway Program. For further information, please see: <http://sac.edu/onlinepathway> or contact the Distance Education Office at (714) 564-6725, [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu). Online instruction plus mandatory on campus orientation on Wed. 10/22 and on campus exams on 11/5, 11/12, 11/19 and 12/10, 6:00p-8:00p, SAC A-225. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

87880	9:30a-10:55a	Tu Th	Irion M	SAC A-108	Full Semester
87881	12:30p-1:55p	M W	Hicks R	SAC A-108	Full Semester
87882	7:00p-10:10p	M	Hobbs R	SAC A-108	Full Semester
87883	7:00p-10:10p	Th	Woolgar D	SAC A-108	Full Semester

## BUSINESS APPLICATIONS

**BUSINESS APPLICATIONS 017, BUSINESS WRITING SKILLS 3.0 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.*

87071	7:00p-10:10p	W	Negrete T	SAC A-226	Full Semester
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**BUSINESS APPLICATIONS 018, OFFICE PROCEDURES 3.0 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.*

91079	9:30a-10:55a	Tu Th	Eskow S	SAC A-222	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.*

87072	9:00a-12:10p	Sa	Staff	SAC A-222	08/30-10/18
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87264 1:15p-2:35p Tu Th Dutton Jr D SAC A-224 08/26-10/16  
Section 87264 is linked to English N60, Basics of Effective Writing, Section 86816, Counseling 107, The Freshman Experience, Section 88598, Business Applications 179, Introduction to Microsoft Office, Section 87097, Business Applications 147, Introduction to Windows, Section 87265. Enrollment in all sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

**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.*

87073	4:55p-6:55p	W	Staff	SAC A-224	11/12-12/03
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**BUSINESS APPLICATIONS 056, GENERAL FOUNDATION FOR BILINGUAL BUSINESS INTERPRETATION-SPANISH/ENGLISH 3.0 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.*

87074	7:00p-10:10p	W	Frias E	SAC A-224	Full Semester
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**BUSINESS APPLICATIONS 057, MEDICAL INTERPRETATION AND TRANSLATION-SPANISH/ENGLISH 3.0 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.*

87075	9:00a-12:10p	Sa	Frias Callejas M	SAC A-224	Full Semester
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**BUSINESS APPLICATIONS 110A, COMPUTER KEYBOARDING SKILLS I 1.0 UNIT**

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

Open Entry / Open Exit					
87077	9:15a-12:30p	F	Le N	SAC A-226	Full Semester
87078	9:20a-10:55a	Tu Th	Montiel-Childress D	SAC A-224	Full Semester
87076	9:20a-10:55a	M W	Le N	SAC A-226	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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## New Microsoft Certifications from the Business Applications Department

As a Business Applications student you are eligible to receive a **FREE** practice program **AND** a **FREE** voucher to take a certification exam for Word, Excel, PowerPoint or Access. **This is a \$200 value.**

Exams are available for Office 2010 and Office 2013 Watch for flyers and brochures or call 714-564-5773



**BUSINESS APPLICATIONS 110B, COMPUTER KEYBOARDING SKILLS II 1.0 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 with a minimum grade of C.

Open Entry / Open Exit

87080	9:15a-12:30p	F	Le N	SAC A-226	Full Semester
87081	9:20a-10:55a	Tu Th	Montiel-Childress D	SAC A-224	Full Semester
87079	9:20a-10:55a	M W	Le N	SAC A-226	Full Semester

**BUSINESS APPLICATIONS 115A, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT I 1.0 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

87083	9:15a-12:30p	F	Le N	SAC A-226	Full Semester
87084	9:20a-10:55a	Tu Th	Montiel-Childress D	SAC A-224	Full Semester
87082	9:20a-10:55a	M W	Le N	SAC A-226	Full Semester

**BUSINESS APPLICATIONS 115B, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT II 1.0 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 with a minimum grade of C.

Open Entry / Open Exit

87086	9:15a-12:30p	F	Le N	SAC A-226	Full Semester
87087	9:20a-10:55a	Tu Th	Montiel-Childress D	SAC A-224	Full Semester
87085	9:20a-10:55a	M W	Le N	SAC A-226	Full Semester

**BUSINESS APPLICATIONS 125, MICROSOFT WORD BASICS 1.5 UNITS**

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

**Software Utilized: MS Word 2013**

87088	9:00a-12:30p	Sa	Banh H	SAC A-226	10/25-12/13
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**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 8**

87089	9:00a-12:30p	Sa	Staff	SAC A-222	10/25-12/13
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87265	1:15p-2:50p	Tu Th	Dutton Jr D	SAC A-224	10/21-12/11
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Section 87265 is linked to English N60, Basics of Effective Writing, Section 86816, Counseling 107, The Freshman Experience, Section 88598, Business Applications 035, Computer Fundamentals, Section 87264, Business Applications 179, Introduction to Microsoft Office, Section 87097. Enrollment in all sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

**BUSINESS APPLICATIONS 160, MICROSOFT PUBLISHER 3.0 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: MS Publisher 2013**

87090	9:30a-10:55a	Tu Th	Lehrer C	SAC A-226	Full Semester
87091	9:30a-10:55a	M W	Yoder L	SAC A-224	Full Semester
87092	1:15p-2:40p	M W	Yoder L	SAC A-224	Full Semester

**BUSINESS APPLICATIONS 166, ADOBE ILLUSTRATOR 3.0 UNITS**

*Learn how to use Adobe Illustrator to digitally create, manipulate, and export vector based graphic images, illustrations, drawings, logos, business cards, and simple page layout for print and web projects based on current industry standards and methods.*

**Software Utilized: Adobe Illustrator CC**

87093	7:00p-10:10p	M	Staff	SAC A-224	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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### SOME COMPUTER CLASSES HAVE REQUIRED LAB HOURS

Students will be informed by their instructor as to their required lab hours. General Business and Computer Labs are available in A-104 and A-106. Engineering Lab is available in A-106.

#### BUSINESS APPLICATIONS 169, ADOBE DREAMWEAVER 3.0 UNITS

Learn to use Adobe Dreamweaver to create professional web sites for mobile, tablet, and desktop devices using current industry standards and methods. The course includes site mapping, wireframes, search engine optimization (SEO) techniques, HTML5, XHTML, responsive fluid design, cascading style sheets (CSS), links, proper setup of web images, cross-browser testing, and publishing.

Software Utilized: Adobe Dreamweaver CC

87094	7:00p-10:10p	Th	Dumon D	SAC A-224	Full Semester
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#### BUSINESS APPLICATIONS 173, ADOBE FLASH 3.0 UNITS

This course introduces multimedia design for business using Adobe Flash for web sites, banner ads, presentations, and online tutorials based on current industry standards. Topics include animation, import sound and video, ActionScript, interactivity, testing, and publishing for Flash Player or directly into JavaScript code for HTML5. Knowledge of Photoshop helpful.

Software Utilized: Adobe Flash CC

87099	7:00p-10:10p	Tu	Dumon D	SAC A-224	Full Semester
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#### BUSINESS APPLICATIONS 179, INTRODUCTION TO MICROSOFT OFFICE 4.0 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 2013

87095			Nguyen M	SAC WEB	09/22-12/12
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Section 87095 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

Email instructor first day of class: (Nguyen\_MichaelT@sac.edu).

Make sure your current email is in personal information.

87096			Montiel-Childress D	SAC WEB	Full Semester
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Section 87096 online instruction plus mandatory on-campus orientation meeting Mon. 8/25, 5:00p-6:30p, SAC A-224. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first day of class: (Montiel\_Dena@sac.edu). Make sure your current email is in personal information.

87097			Montiel-Childress D	SAC HYBRID	Full Semester
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11:00a-12:30p Tu Th

Section 87097 online instruction plus mandatory on campus meetings every Tues. & Thurs. 11:00a-12:30p, SAC A-224. Section 87097 is linked to English N60, Basics of Effective Writing, Section 86816, Counseling 107, The Freshman Experience, Section 88598, Business Applications 035, Computer Fundamentals, Section 87264, and Business Applications 147, Introduction to Windows, Section 87265. Enrollment in all sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

87266	11:00a-12:50p	M W	Staff	SAC A-224	Full Semester
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87098	6:00p-10:10p	Tu	Molitor M	SAC A-226	Full Semester
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#### BUSINESS APPLICATIONS 183, MICROSOFT WORD 3.0 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 2013

87100	7:00p-10:10p	M	Dutton Jr D	SAC A-226	Full Semester
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#### BUSINESS APPLICATIONS 188, MICROSOFT EXCEL 1.5 UNITS

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

Software Utilized: MS Excel 2013

87101			Montiel-Childress D	SAC WEB	08/25-10/17
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Section 87101 online instruction plus mandatory on-campus orientation Wed. 8/27, 5:00p-6:30p, SAC A-224. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first day of class: (Montiel\_Dena@sac.edu). Make sure your current email is in personal information.

87102	6:30p-9:40p	F	Nguyen T	SAC A-228	08/29-10/17
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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 2013

87103			Montiel-Childress D	SAC WEB	10/20-12/12
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Section 87103 online instruction plus mandatory on-campus orientation Wed. 10/22, 5:00p-6:30p, SAC A-224. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first day of class: (Montiel\_Dena@sac.edu). Make sure your current email is in personal information.

87104	6:30p-10:00p	F	Nguyen T	SAC A-228	10/24-12/12
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#### 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 2013

87105			Lehrer C	SAC WEB	08/25-10/17
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Section 87105 online instruction plus mandatory on-campus orientation Wed. 8/27, 5:00p-5:55p, SAC A-226. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first day of class: (Lehrer\_Carol@sac.edu). Make sure your current email is in personal information.

#### 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 2013

87106			Lehrer C	SAC WEB	10/20-12/12
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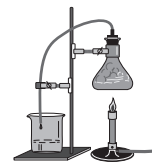
Section 87106 online instruction plus mandatory on-campus orientation Wed. 10/22, 5:00p-5:55p, SAC A-226. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first day of class: (Lehrer\_Carol@sac.edu). Make sure your current email is in personal information.

## CHEMISTRY

### Meet your Chemistry (Science Majors) requirements!!!

Take the following in the order given:

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



#### CHEMISTRY 115, CONCEPTS IN PHYSICAL SCIENCES FOR EDUCATORS 4.0 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. (Same as Physical Science 115)

87699	2:00p-5:10p	M	Pratt C	SAC R-309	Full Semester
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	2:00p-5:10p	W	Pratt C	SAC R-309	
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#### CHEMISTRY 119, FUNDAMENTALS - GENERAL AND ORGANIC 5.0 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 with a minimum grade of C.

87702	6:00p-9:10p	Tu	Joe S	SAC R-114	Full Semester
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	6:00p-6:55p	Th	Joe S	SAC R-114	
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	7:05p-10:15p	Th	Joe S	SAC R-301	
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## Online Counseling Now Available!

[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

Are you interested in majoring in Science, Technology, Engineering or Math? Have you thought about becoming a teacher? If careers in any of these fields excite you, then this program is for you!



Call 714.564.6352

or visit our website!

[www.ENGAGEinSTEMSAC.com](http://www.ENGAGEinSTEMSAC.com)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
<b>CHEMISTRY 209, INTRODUCTORY CHEMISTRY</b> <span style="float: right;"><b>4.0 UNITS</b></span>					
<i>Basic concepts of matter: atomic structure, formulas, equation writing, nomenclature, gases and kinetic theory. Emphasizes properties of solutions, and the mole concept in quantitative chemistry. Prepares students for biology and Chemistry 219.</i>					
Prerequisite: Mathematics 080 or 081 with a grade of C or better.					
H 87706	8:00a-8:55a	M	Jenkins C	SAC HYBRID	Full Semester
	9:00a-12:10p	F	Jenkins C	SAC R-309	08/25-08/25
Section 87706 MANDATORY One-day orientation meeting on Mon., Aug. 25, 8:00a-8:55a, SAC R-309. Online instruction plus mandatory on campus weekly lab meetings every Fri., 9:00a-12:10p, SAC R-309. Email instructor first week of class ( <a href="mailto:jenkins_crystal@sac.edu">jenkins_crystal@sac.edu</a> ).					
92012	9:00a-12:10p	F	Staff	SAC R-303	Full Semester
	1:00p-4:10p	F	Staff	SAC R-301	
W 87705	9:00a-12:10p	Sa	Moore B	SAC R-303	Full Semester
	1:00p-4:10p	Sa	Moore B	SAC R-301	
87412	11:15a-12:40p	M W	Mc Millan J	SAC R-303	Full Semester
	1:00p-4:10p	W	Mc Millan J	SAC R-301	
92316	12:30p-3:40p	W	Staff	SAC I-109	Full Semester
	2:00p-5:10p	Th	Staff	SAC R-301	
87490	2:40p-4:05p	M W	Lastra S	SAC R-303	Full Semester
	2:40p-5:50p	Tu	Lastra S	SAC R-301	
88369	4:20p-5:45p	M W	Robles M	SAC R-303	Full Semester
	1:00p-4:10p	M	Robles M	SAC R-301	
87487	5:20p-6:45p	M W	Nguyen W	SAC R-128	Full Semester
	7:00p-10:10p	M	Nguyen W	SAC R-301	
87410	7:00p-10:10p	M	Khong S	SAC R-318	Full Semester
	7:00p-10:10p	W	Khong S	SAC R-301	
87411	7:00p-10:10p	Th	Yamada T	SAC R-318	Full Semester
	7:00p-10:10p	Tu	Yamada T	SAC R-301	

<b>CHEMISTRY 219, GENERAL CHEMISTRY</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>Fundamental principles and concepts of chemistry including, but not limited to, atomic structure, quantum theory, periodic properties, stoichiometry, oxidation-reduction, molecular structure and bonding, gas laws, states of matter, solutions, chemical kinetics and chemical equilibrium.</i>					
Prerequisite: Mathematics 080 or 081 and Chemistry 209 with a minimum grade of C or Mathematics 080 or 081 with a minimum grade of C and a passing score on current chemistry placement test.					
87495	11:00a-12:25p	Tu Th	Staff	SAC R-303	Full Semester
	1:00p-4:10p	Tu Th	Staff	SAC R-309	
OR 87491	1:00p-2:25p	Tu Th	Jenkins C	SAC R-126	Full Semester
	9:30a-12:40p	Tu Th	Jenkins C	SAC R-309	
87493	1:00p-2:25p	M W	Staff	SAC I-102	Full Semester
	9:30a-12:40p	M W	Staff	SAC R-309	
87494	5:00p-6:25p	Tu Th	Edinger W	SAC R-126	Full Semester
	7:00p-10:10p	Tu Th	Edinger W	SAC R-309	
87492	5:00p-6:25p	M W	Visco L	SAC R-318	Full Semester
	7:00p-10:10p	M W	Visco L	SAC R-309	

<b>CHEMISTRY 229, GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>Continuation of Chemistry 219, including but not limited to ionic equilibrium, acid and base equilibrium, thermodynamics, electrochemistry, nuclear chemistry, organic chemistry and descriptive chemistry.</i>					
Prerequisite: Chemistry 219 with a minimum grade of C.					
87496	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	
87497	1:00p-2:25p	M W	Jenkins C	SAC R-303	Full Semester
	9:00a-12:10p	M W	Jenkins C	SAC R-301	

<b>CHEMISTRY 249, ORGANIC CHEMISTRY I</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>This course is the first semester of a year of organic chemistry. This course will cover: structure and bonding, nomenclature, descriptive chemistry, reaction mechanisms, synthetic methods and IR spectroscopy for different functional groups including alkanes, alkenes, alkynes, alkyl halides, organometallics, alcohols, and ethers. Laboratory will include: separations/purifications identification, and simple syntheses.</i>					
Prerequisite: Chemistry 229 with a minimum grade of C.					
87498	9:00a-10:25a	Tu Th	Nguyen W	SAC R-303	Full Semester
	11:00a-2:10p	Tu Th	Nguyen W	SAC R-302	
87500	9:00a-10:25a	M W	Nguyen W	SAC R-303	Full Semester
	11:00a-2:10p	M W	Nguyen W	SAC R-302	

<b>CHEMISTRY 259, ORGANIC CHEMISTRY II</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>This course is the second semester of a year of organic chemistry (continuation of Chemistry 249). It includes units on structure elucidation, aromatic compounds, carbonyl compounds, carboxylic acids and their derivatives, amines, and classes of biologically important compounds. More complex synthetic routes are explored. Laboratory work includes multi-step syntheses and unknown identification. Reaction mechanisms and use of spectroscopic techniques continue to be emphasized.</i>					
Prerequisite: Chemistry 249 with a minimum grade of C.					
88368	5:15p-6:40p	M W	Yamada T	SAC R-124	Full Semester
	7:00p-10:10p	M W	Yamada T	SAC R-302	

## CHICANO STUDIES

<b>CHICANO STUDIES 101, INTRODUCTION TO CHICANO STUDIES</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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.</i>					
86156	9:45a-11:10a	M W	Sanchez G	SAC T-212	Full Semester
ULINK-Section 86156 is linked to Counseling N45, Orientation to College, Section 86680, and Counseling 107, The Freshman Experience, Section 86358. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
86188	1:15p-2:40p	Tu Th	Herrera Thomas H	SAC I-107	Full Semester
86189	5:30p-6:55p	M W	Briceño G	SAC VL-310	Full Semester
W 86190	6:00p-9:25p	F	Briceño G	SAC VL-105	10/24-12/13
	9:00a-12:25p	Sa	Briceño G	SAC VL-105	
86186	7:00p-10:10p	W	Briceño G	SAC VL-309	Full Semester

## CHINESE

<b>CHINESE 101, ELEMENTARY CHINESE I</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>Practice and integration of pronunciation, grammar, vocabulary, and common idioms through listening, speaking, reading, and writing so that students can begin to express thoughts orally and in writing. The class will also introduce students to culture and social linguistic knowledge appropriate to Chinese-speaking societies.</i>					
86153	9:00a-11:30a	M W	Satow J	SAC A-222	Full Semester
87332	2:00p-4:30p	Tu Th	Satow J	SAC VL-209	Full Semester

## COMMUNICATION STUDIES

<b>COMMUNICATION STUDIES N49, INTRODUCTION TO ACADEMIC SPEAKING SKILLS</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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.</i>					
86160	8:00a-9:25a	M W	Nunez V	SAC C-202	Full Semester
86161	6:00p-9:10p	Th	Winkle K	SAC C-207	Full Semester

<b>COMMUNICATION STUDIES N52A, BEGINNING AMERICAN ENGLISH PRONUNCIATION SKILLS</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Instruction in pronunciation of American English sounds, identifying commonly mispronounced sounds, and common sound spelling patterns. Not applicable to associate degree.</i>					
Prerequisite: English for Multilingual Students 055 with a minimum grade of C.					
86157	8:00a-9:25a	Tu Th	Nunez V	SAC C-213	Full Semester
86154	9:30a-10:55a	M W	Huebsch M	SAC I-103	Full Semester

<b>COMMUNICATION STUDIES N52B, INTERMEDIATE AMERICAN ENGLISH PRONUNCIATION SKILLS</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>More extensive instruction in American English sounds. Emphasis on more difficult sounds, sound blends, word endings, syllable and word stress. Not applicable to associate degree.</i>					
Prerequisite: Communication Studies N52A with a minimum grade of C.					
86611	8:00a-9:25a	M W	Huebsch M	SAC I-103	Full Semester

<b>COMMUNICATION STUDIES 097, AMERICAN ENGLISH CONVERSATIONAL SKILLS</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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 Communication Studies 101 or 101H. Designed for non-native speakers.</i>					
Prerequisite: Communication Studies N52B with a minimum grade of C or concurrent enrollment; English for Multilingual Students 107 or higher with a minimum grade of C.					
86147	9:30a-10:55a	Tu Th	Huebsch M	SAC I-103	Full Semester

<b>COMMUNICATION STUDIES 101, INTRODUCTION TO INTERPERSONAL COMMUNICATION</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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.</i>					
86606	6:30a-7:55a	M W	Shiba L	SAC C-207	Full Semester
86608	8:00a-9:25a	M W	Staff	SAC C-207	Full Semester
86569	8:00a-9:25a	Tu Th	Morris M	SAC C-202	Full Semester
86167	9:00a-12:00p	Sa	Harris M	SAC C-213	Full Semester
86164	9:30a-10:55a	Tu Th	Fondren S	SAC C-207	Full Semester
86567	9:30a-10:55a	M W	Staff	SAC C-202	Full Semester
86571	11:00a-12:25p	M W	Staff	SAC C-214	Full Semester
86610	11:00a-12:25p	Tu Th	Gonis A	SAC I-103	Full Semester
86595	11:00a-12:25p	Tu Th	Morris M	SAC C-202	Full Semester
86568	1:00p-2:25p	Tu Th	Gonis A	SAC C-202	Full Semester
86565	1:00p-2:25p	M W	Harris M	SAC C-202	Full Semester
86572	2:00p-5:10p	Th	Staff	SAC C-213	Full Semester
86590	2:00p-5:10p	Tu	Wagner S	SAC C-213	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
86169	3:45p-6:55p	M	Holder V	SAC C-202	Full Semester
86170	6:10p-9:20p	F	Holder V	SAC C-207	08/29-10/18
	9:00a-12:10p	Sa	Holder V	SAC C-207	
86135	7:00p-10:10p	Tu	Saterfield K	SAC C-202	Full Semester
86555	7:00p-10:10p	M	Holder V	SAC C-202	Full Semester

**COMMUNICATION STUDIES 101H, HONORS INTRODUCTION TO INTERPERSONAL COMMUNICATION** **3.0 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.*  
 Prerequisite: A high school or college GPA of 3.0 or above.  
 86601 11:00a-12:25p M W Cummings R SAC C-202 Full Semester

**COMMUNICATION STUDIES 102, PUBLIC SPEAKING** **3.0 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. Communication Studies 097 recommended for non-native speakers.*  
 86629 8:00a-9:25a Tu Th Brown L SAC C-214 Full Semester  
 86630 8:00a-9:25a M W Brown L SAC C-213 Full Semester  
 86642 9:00a-12:10p F Harris M SAC C-213 Full Semester  
 86639 9:30a-10:55a Tu Th Gonis A SAC C-202 Full Semester  
 86631 9:30a-10:55a Tu Th Brown L SAC C-214 Full Semester  
 86632 9:30a-10:55a M W Brown L SAC C-213 Full Semester  
 88041 9:30a-10:55a M W Morris M SAC C-207 Full Semester  
 88043 11:00a-12:25p M W Morris M SAC C-207 Full Semester  
 86633 11:00a-12:25p M W Brown L SAC C-213 Full Semester  
 86643 11:00a-12:25p Tu Th Fondren S SAC C-214 Full Semester

Section 86643 linked to Counseling 107, The Freshman Experience, Section 86355, and Counseling N45, Orientation to College, Section 86678. Enrollment in all sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

86644	12:30p-1:55p	Tu Th	Staff	SAC C-213	Full Semester
86640	12:30p-1:55p	M W	Cummings R	SAC C-213	Full Semester
86634	2:00p-5:10p	Tu	Shiba L	SAC A-205	Full Semester
86635	2:00p-5:10p	M	Fondren S	SAC C-213	Full Semester
86638	3:45p-6:55p	Tu	Holder V	SAC C-202	Full Semester
86637	4:00p-7:10p	M W	Pierce C	SAC F-103	Full Semester
86636	6:00p-9:10p	M W	Fondren S	SAC C-214	08/25-10/15

**COMMUNICATION STUDIES 103, INTRODUCTION TO INTERCULTURAL COMMUNICATION** **3.0 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. Communication Studies 097 recommended for non-native speakers.*  
 86646 6:00p-9:10p W Holder V SAC C-202 Full Semester

**COMMUNICATION STUDIES 140, ARGUMENTATION AND DEBATE** **3.0 UNITS**  
*Principles of debate techniques with emphasis on methods of logical analysis and reflective thinking. Practical application through adaptation of material to forms of debate on current issues. Completion of or concurrent enrollment in English 101 recommended. Communication Studies 097 recommended for non-native speakers.*  
 86651 8:00a-9:25a M W Lockwood L SAC C-214 Full Semester  
 86653 9:30a-10:55a M W Lockwood L SAC C-214 Full Semester  
 86654 12:30p-1:55p M W Lockwood L SAC C-214 Full Semester  
 86657 1:00p-4:10p Tu Th Lockwood L SAC C-214 08/26-10/16  
 86655 7:20p-10:30p W Pierce C SAC I-103 Full Semester

**COMMUNICATION STUDIES 145, GROUP DYNAMICS** **3.0 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. Communication Studies 097 recommended for non-native speakers.*  
 86667 11:00a-12:25p Tu Th Staff SAC A-207 Full Semester  
 86658 6:00p-9:10p M W Fondren S SAC C-214 10/20-12/10

**COMMUNICATION STUDIES 151, VOICE AND DICTION FOR EFFECTIVE COMMUNICATION** **3.0 UNITS**  
*Basic speech and voice production. Anatomy and physiology related to respiration (breathing/loudness), phonation (sound/pitch) and articulation (diction/clarity). Practice in improving vocal skills for effective communication. Designed for individuals who have special demands on vocal production in their vocation. Communication Studies 097 recommended for non-native speakers.*  
 86671 7:00p-10:10p Tu Holder V SAC C-207 Full Semester

**COMMUNICATION STUDIES 170, INTRODUCTION TO PHONETICS** **3.0 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. Communication Studies N53 recommended for non-native speakers.*  
 86726 3:00p-6:10p M Morris M SAC C-207 Full Semester

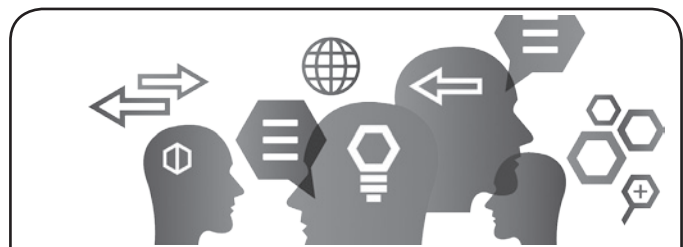
**COMMUNICATION STUDIES 206H, HONORS GENDER COMMUNICATION** **3.0 UNITS**  
*An enriched approach in practical application, techniques, and in-depth analysis of male and female communication regarding language usage, biological and social influences, mass media, marriage, organizations, same sex/cross sex friendships, and education. Students will be required to do individual/group professor-guided research.*  
 Prerequisite: Communication Studies course numbered 101 or higher with a minimum grade of C OR a high school or college GPA of 3.0 or above.  
 86648 2:00p-3:25p M W Lockwood L SAC C-214 Full Semester

# COMMUNICATIONS & MEDIA STUDIES

**COMMUNICATIONS & MEDIA STUDIES 111, MEDIA, RACE AND GENDER** **3.0 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.*  
 86015 11:00a-12:25p Tu Th Little C SAC C-207 Full Semester

**COMMUNICATIONS & MEDIA STUDIES 121, INTRODUCTION TO REPORTING AND NEWSWRITING** **3.0 UNITS**  
*An introduction to evaluating, gathering, and writing news across multiple platforms under newsroom conditions. Includes role of the journalist 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, application of media law, writing under deadline and use of AP Style.*  
 86016 11:00a-12:25p M W Little C SAC A-219 Full Semester

**COMMUNICATIONS & MEDIA STUDIES 123A, NEWS MEDIA PRODUCTION** **4.0 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 news magazine el Don and its website eldonnews.org. Students utilize a digital laboratory to gain practical experience in a variety of disciplines, including writing, editing, design, photography, audio, visual, multimedia and emerging technologies. Arranged laboratory hours (TBA) 10 hours per week.*  
 86018 12:30p-2:30p M W Little C SAC C-207 Full Semester  
 10 hours arranged each week



## Communications & Media Studies

### COURSES FOR A MODERN WORLD

- CMSD 103 Intro to Visual Communications - GE/IGETC CSU C1 & UC 3A
- CMSD 111 Media, Race & Gender - GE/IGETC CSU C1 & UC 4G
- CMSD 121 Intro to Reporting & Writing CSU transfer AA-T Journalism
- CMSD 123 News Media Production CSU transfer AA-T Journalism
- CMSD 210 Intermediate Reporting CSU transfer AA-T Journalism

DIGITAL MEDIA / JOURNALISM / VISUAL STUDIES / RACE & GENDER

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**COMMUNICATIONS & MEDIA STUDIES 123B, INTERMEDIATE NEWS**

**MEDIA PRODUCTION 4.0 UNITS**  
*An intermediate level 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 news magazine el Don and its website eldonnews.org. Students utilize a digital laboratory to gain practical experience in a variety of disciplines, including writing, editing, design, photography, audio, visual, multimedia and emerging technologies. Completion of CMSD 123A is required. Arranged laboratory hours (TBA)10 hours per week.*  
 Prerequisite: Communications & Media Studies 123A with a minimum grade of C or equivalent college media course.  
 86019 12:30p-2:30p M W Little C SAC C-207 Full Semester  
 10 hours arranged each week

**COMMUNICATIONS & MEDIA STUDIES 123C, ADVANCED INTERMEDIATE NEWS MEDIA PRODUCTION 4.0 UNITS**

*An advanced intermediate level 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 news magazine el Don and its website eldonnews.org. Students utilize a digital laboratory to gain practical experience in a variety of disciplines, including writing, editing, design, photography, audio, visual, multimedia and emerging technologies. Completion of CMSD 123B required. Arranged laboratory hours (TBA)10 per week*  
 Prerequisite: Communications & Media Studies 123B with a minimum grade of C or equivalent college media course.  
 86021 12:30p-2:30p M W Little C SAC C-207 Full Semester  
 10 hours arranged each week

**COMMUNICATIONS & MEDIA STUDIES 123D, ADVANCED NEWS MEDIA PRODUCTION 4.0 UNITS**

*An advanced level 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 news magazine el Don and its website eldonnews.org. Students utilize a digital laboratory to gain practical experience in a variety of disciplines, including writing, editing, design, photography, audio, visual, multimedia and emerging technologies. Completion of CMSD 123C required. Arranged laboratory hours (TBA)10 per week.*  
 Prerequisite: Communications & Media Studies 123C with a minimum grade of C.  
 86023 12:30p-2:30p M W Little C SAC C-207 Full Semester  
 10 hours arranged each week

**COMMUNICATIONS & MEDIA STUDIES 201, VISUAL REPORTING 2.0 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.*  
 86032 12:30p-1:20p M W Little C SAC C-207 Full Semester  
 1:20p-1:55p M W Little C SAC C-201

**COMMUNICATIONS & MEDIA STUDIES 210, INTERMEDIATE REPORTING AND NEWSWRITING 3.0 UNITS**

*This course is a continuation of Introduction to Newswriting and Reporting, and focuses on coverage of public affairs reporting, including local and regional government, police, courts, school, and city boards. It includes both on- and off-campus reporting and writing, stressing news presentation for a variety of media purposes through multiple platforms.*  
 Prerequisite: Communications & Media Studie 121 with a minimum grade of C.  
 86033 12:30p-1:55p M W Little C SAC C-207 Full Semester

**COMMUNICATIONS & MEDIA STUDIES 222, WRITING ACROSS MEDIA 3.0 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 minimum grade of C.  
 86034 12:30p-1:55p M W Little C SAC C-207 Full Semester

# COMPUTER SCIENCE

**COMPUTER SCIENCE 100, THE COMPUTER AND SOCIETY 3.0 UNITS**

*An introduction to the area of computers and their relationship to todays 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**  
 88154 8:30a-9:55a Tu Th Hester J SAC A-215 Full Semester  
 88152 10:00a-11:25a M W Harding G SAC A-208 Full Semester  
 88153 10:00a-11:25a Tu Th Harding G SAC A-208 Full Semester  
 88188 1:00p-3:55p W Hester J SAC A-215 Full Semester  
 88155 4:00p-6:55p Tu Staff SAC A-206 Full Semester  
 88156 4:00p-6:55p W Staff SAC A-206 Full Semester  
 88157 7:00p-10:10p Th Staff SAC A-208 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**SOME COMPUTER CLASSES HAVE REQUIRED LAB HOURS**

Students will be informed by their instructor as to their required lab hours. General Business and Computer Labs are available in A-104 and A-106. Engineering Lab is available in A-106.

**COMPUTER SCIENCE 104, COOPERATIVE WORK EXPERIENCE EDUCATION-OCCUPATIONAL 1.0 - 4.0 UNITS**

*Supervised paid or volunteer experience in student's major including new or expanded responsibilities. 75 hours of paid work or 60 hours of un-paid work equals one unit. Course may be taken 4 times for a maximum of 16 units of occupational cooperative work experience credit.*  
 Open Entry / Open Exit  
 88158 TBA Kushida C SAC A-108 08/18-12/14  
 Section 88158 Email instructor before the first week of class at kushida\_cherylee@sac.edu  
 Students must have approval for this course before enrolling.

**COMPUTER SCIENCE 105, VISUAL BASIC PROGRAMMING 3.0 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**  
 88178 10:30a-11:55a M W Hester J SAC A-215 Full Semester  
 88192 7:00p-10:10p Tu Staff SAC A-206 Full Semester  
 88193 7:00p-10:10p W Staff SAC A-206 Full Semester

**COMPUTER SCIENCE 112, JAVA PROGRAMMING 3.0 UNITS**

*Study of the Java language, its features and applications.*  
**Software Utilized: Java 2 SDK V 1.4.2**  
 88194 1:00p-2:25p Tu Th Harding G SAC A-208 Full Semester  
 88195 7:00p-10:10p Tu Huynh D SAC A-208 Full Semester

**COMPUTER SCIENCE 120, INTRODUCTION TO PROGRAMMING 3.0 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 with a minimum grade of C.  
 88196 8:30a-10:00a M W Hester J SAC A-215 Full Semester  
 10:00a-10:25a M W Hester J SAC A-215 Full Semester  
 88199 10:00a-11:30a Tu Th Hester J SAC A-215 Full Semester  
 11:30a-11:55a Tu Th Hester J SAC A-215 Full Semester  
 88203 6:00p-9:10p M Staff SAC A-206 Full Semester  
 9:20p-10:10p M Staff SAC A-206

**COMPUTER SCIENCE 121, PROGRAMMING CONCEPTS 3.0 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 with a minimum grade of C.  
**Software Utilized: MS Visual C++ .NET**  
 88205 6:00p-9:10p Th Staff SAC A-213 Full Semester  
 9:20p-10:10p Th Staff SAC A-213

**COMPUTER SCIENCE 124A, MCDST PREPARATION 3.0 UNITS**

*Study of skills needed to successfully support end-users and to successfully troubleshoot desktop environments that are running the Microsoft operating systems. Student will be provided with the skills necessary for the Microsoft Certified Desktop Support Technician (MCDST) Exams, 70-271 and 70-272. Recommended preparation: Computer Science 100.*  
 88206 7:00p-10:10p W Quach N SAC A-213 Full Semester

**COMPUTER SCIENCE 129, INTRODUCTION TO COMPUTER ORGANIZATION 4.0 UNITS**

*Presents the organization and structure of computers at hardware and software levels: analysis and synthesis of combinatorial and sequential logic, data representation and manipulation, language structures and translation, and process administration and management. Recommended preparation: Computer Science 121 or equivalent.*  
 Prerequisite: Computer Science 120 with a minimum grade of C.  
**Software Utilized: Java 2 SDK**  
 88208 6:00p-10:10p W Hester J SAC A-215 Full Semester



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**COMPUTER SCIENCE 134D, MICROSOFT WINDOWS 8 OPERATING SYSTEM 3.0 UNITS**

Microsoft Windows 8 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, Configuration of the Metro UI and Utilization of Cloud Storage

88210 7:00p-10:10p Th Moritsugu S SAC A-206 Full Semester

**COMPUTER SCIENCE 152, HTML 3.0 UNITS**

Introduction to HTML (Hypertext Markup Language) scripting and the creation of Hypertext documents. Topics will include the specification of the form and function of documents, inclusion of hypertext links, images, frames, tables, forms, JavaScript, VRML, and new features of HTML.

Software Utilized: MS Windows

88225 7:00p-10:10p M Staff SAC A-215 Full Semester

**COMPUTER SCIENCE 163, MICROSOFT EXCEL 3.0 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

88217 7:00p-10:10p M Habicht G SAC A-208 Full Semester

**COMPUTER SCIENCE 167, MICROSOFT ACCESS 3.0 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

88219 7:00p-10:10p W Habicht G SAC A-208 Full Semester

**COMPUTER SCIENCE 169, STRUCTURED QUERY LANGUAGE (SQL) 3.0 UNITS**

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

88228 7:00p-10:10p Th Quach N SAC A-215 Full Semester

**COMPUTER SCIENCE 173, INTRODUCTION TO NETWORKING TECHNOLOGY 3.0 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.

88221 7:00p-10:10p Tu Yaqub M SAC A-213 Full Semester

**COMPUTER SCIENCE 247D, WINDOWS SERVER 2012 3.0 UNITS**

Installation, management and configuration of Windows Server 2012 for managing network environments. Recommended preparation: Knowledge of any client-level Windows operating system (e.g. Windows 7, Windows 8).

88223 7:00p-10:10p Tu Ahmed A SAC A-215 Full Semester

## COUNSELING

**COUNSELING N45, ORIENTATION TO COLLEGE 0.5 UNIT**

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

86659 8:30a-12:00p Th Castellanos M SAC A-206 08/14-08/14

1:00p-5:30p Th Castellanos M SAC A-206

86660 8:30a-12:00p Th Robledo R SAC A-130 08/14-08/14

1:00p-5:30p Th Robledo R SAC A-130

86661 8:30a-12:00p Th Shaffer C SAC A-214 08/14-08/14

1:00p-5:30p Th Shaffer C SAC A-214

86664 8:30a-12:00p Th Zook R SAC A-208 08/14-08/14

1:00p-5:30p Th Zook R SAC A-208

86665 8:30a-12:00p Th Robledo J SAC A-128 08/14-08/14

1:00p-5:30p Th Robledo J SAC A-128

86672 8:30a-12:00p Tu Castellanos M SAC A-206 08/12-08/12

1:00p-5:30p Tu Castellanos M SAC A-206

86673 8:30a-12:00p Tu Palomares E SAC R-126 08/12-08/12

1:00p-5:30p Tu Palomares E SAC R-126

Fast Track to Success-Section 86673 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 86371, Math 060, Elementary Algebra, Section 88029, and Math 080, Intermediate Algebra, Section 88038. Enrollment in all sections is mandatory.

E-mail counselor for more information ([palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu)).

86674 8:30a-12:00p Tu Bautista S SAC A-130 08/12-08/12

1:00p-5:30p Tu Bautista S SAC A-130

86675 8:30a-12:00p Tu Palomares E SAC R-126 08/12-08/12

1:00p-5:30p Tu Palomares E SAC R-126

Fast Track to Success-Section 86675 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 86372, Math 080, Intermediate Algebra, Section 88045, and Math 060 Elementary Algebra, Section 87999. Enrollment in all sections is mandatory.

E-mail counselor for more information ([palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu)).

86677 8:30a-12:00p Tu Sanabria R SAC A-208 08/12-08/12

1:00p-5:30p Tu Sanabria R SAC A-208

PUEENTE - Section 86677 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 85633, and English 061, Introduction to Composition, Section 86417. Enrollment in all sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## 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 Sections

**1st GR8 Week course:** Students must attend one of the following class Orientations: Wed. 8/27 or Thurs. 8/28, 7:00-8:30pm, SAC L-225. Students are required to logon to Blackboard on the first day of classes, Mon. 8/25: <http://rscccl.blackboard.com>.

**Full Semester courses:** Students must attend one of the following class orientations: Tue. 8/26 or 9/2, 12:00-1:30pm or 7:00-8:30pm, SAC L-225. Students are required to logon to Blackboard on the First day of classes, Mon. 8/25: <http://rsccd.blackboard.com>.

#### Hybrid Sections

**Full Semester course:** Online instruction plus on campus meetings every Mon. 6:00-7:30pm, I-108. Students must attend the first course meeting.

86678 8:30a-12:00p Tu Zook R SAC A-128 08/12-08/12  
1:00p-5:30p Tu Zook R SAC A-128

U-LINK-Section 86678 is linked to Counseling 107, The Freshman Experience, Section 86355, and Communication Studies 102, Public Speaking, Section 86643. Enrollment in all sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

86680 8:30a-12:00p Tu Zook R SAC A-128 08/12-08/12  
1:00p-5:30p Tu Zook R SAC A-128

U-LINK-Section 86680 is linked to Chicano Studies 101, Introduction to Chicano Studies, Section 86156, and Counseling 107, The Freshman Experience, Section 86358. Enrollment in all sections is mandatory. See Freshman Experience Program page in the schedule for more information.

86681 8:30a-12:00p Tu Vargas M SAC A-210 08/12-08/12  
1:00p-5:30p Tu Vargas M SAC A-210

86656 8:30a-12:00p Th Vargas M SAC A-210 08/14-08/14  
1:00p-5:30p Th Vargas M SAC A-210

87747 8:30a-12:00p Th Romero A SAC A-211 08/14-08/14  
1:00p-5:30p Th Romero A SAC A-211

Section 87747 Open to all students, but designed for students who are seeking a certificate or degree in a Career Technical Education field.

87748 8:30a-12:00p Tu Romero A SAC A-211 08/12-08/12  
1:00p-5:30p Tu Romero A SAC A-211

Section 87748 is open to all students, but designed for students who are seeking a certificate or degree in a Career Technical Education field.

#### COUNSELING 090, ACADEMIC SUCCESS STRATEGIES

**0.5 UNIT**

This course is designed to develop strategies for educational goal completion. Emphasis is placed on the purpose of higher education in society and the policies, practices, and behaviors related to success in college. Students will learn to apply principles of cognitive psychology to overcoming barriers to academic progress.

88035 11:00a-1:40p Th Staff SAC I-108 11/20-12/11

88034 1:00p-3:00p M Staff SAC I-107 11/17-12/08

88004 1:40p-3:40p M Staff SAC I-104 10/20-11/10

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**COUNSELING 100, LIFELONG UNDERSTANDING AND SELF DEVELOPMENT 2.0 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.*

86344	8:30a-10:35a	W	Staff	SAC G-107	Full Semester
86371	10:45a-12:50p	M	Fernandez-Weston C	SAC V-150	Full Semester
Fast Track to Success-Section 86371 is linked to Counseling N45, Orientation to College, Section 86673, Math 060, Elementary Algebra, Section 88029, and Math 080, Intermediate Algebra, Section 88038. Enrollment in all sections is mandatory.					
E-mail counselor for more information ( <a href="mailto:fernandezweston_cathy@sac.edu">fernandezweston_cathy@sac.edu</a> ).					
85633	11:30a-1:35p	Tu	Sanabria R	SAC I-108	Full Semester
86372	12:15p-2:20p	W	Fernandez-Weston C	SAC G-106	Full Semester
Fast Track to Success-Section 86372 is linked to Math 060, Elementary Algebra, Section 87999, Math 080, Intermediate Algebra, Section 88045, and Counseling N45, Orientation to College, Section 86675. Enrollment in all sections is mandatory.					
E-mail counselor for more information ( <a href="mailto:fernandezweston_cathy@sac.edu">fernandezweston_cathy@sac.edu</a> ).					
89316	5:25p-6:20p	MW	Staff	SAC V-151	Full Semester
Fast Track to Success-Section 89316 is linked to Math 060, Elementary Algebra, Section 89294, and Math 080, Intermediate Algebra, Section 89295. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
86348	7:00p-9:05p	Tu	Staff	SAC I-108	Full Semester

**COUNSELING 103, EDUCATIONAL PLANNING 0.5 UNIT**

*This course is designed to introduce students to the process of composing an educational plan. Emphasis is placed on the objective assessment of Career/Technical Education and transfer options. Students will identify an educational pathway for Career/Technical Education, AA/AS degree, and/or university transfer.*

88049	6:00p-8:00p	M	Staff	SAC I-103	10/20-11/10
88050	6:00p-8:50p	Tu	Staff	SAC I-209	10/21-11/04

**COUNSELING 104, PERSONAL AND GOAL DEVELOPMENT FOR EDUCATIONAL PLANNING 1.0 UNIT**

*This course will facilitate the development of goals for educational planning. Students taking this course will receive an overview of graduation requirements, transfer requirements, academic policies, and college resources. Additional topics will include: student development theory, internal and external influences on educational success, purpose for attending college, and strategies for living a balanced life.*

88054	9:00p-9:55p	W	Palomares E	SAC R-303	Full Semester
Fast Track to Success-Section 88054 is linked to Math 060, Elementary Algebra, Section 88030, and Math 080, Intermediate Algebra, Section 88042. Enrollment in all sections is mandatory. E-mail counselor for more information ( <a href="mailto:palomares_eva@sac.edu">palomares_eva@sac.edu</a> ).					
88052	6:00p-8:25p	Tu Th	Staff	SAC G-107	10/20-11/12

**COUNSELING 107, THE FRESHMAN EXPERIENCE 3.0 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.*

86325	12:35p-2:00p	Tu Th	Aguilar Beltran M	SAC I-101	Full Semester
Section 86325 is designed for students with learning difficulties and students interested in alternative learning strategies. Open to all students.					

**COUNSELING 114, CAREERS IN TEACHING 1.0 UNIT**




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

86303	4:15p-6:20p	Th	Robledo J	SAC I-108	08/28-10/16
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**COUNSELING 116, CAREER/LIFE PLANNING AND PERSONAL EXPLORATION 3.0 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): \$18.50**

	86731		Sadler D	SAC WEB	Full Semester
Section 86731 Students must attend one of the following class orientations: Tue. 8/26, or 9/2, 12:00-1:30PM or 7:00-8:30PM, SAC L-225. Students are required to logon to Blackboard on the first day of classes, Mon. 8/25: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
	86732		Sadler D	SAC WEB	Full Semester
Section 86732 Students must attend one of the following class orientations: Tue. 8/26, or 9/2, 12:00-1:30PM or 7:00-8:30PM, SAC L-225. Students are required to logon to Blackboard on the first day of classes, Mon. 8/25: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
	86733		Sadler D	SAC HYBRID	Full Semester
Section 86733 Online instruction plus on campus meetings every Mon. 6:00-7:30PM, L-225. Students are required to logon to Blackboard on the first day of classes, Mon. 8/25: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**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 (Math, Engineering, and Science Achievement) is an academic program designed to support educationally and economically disadvantaged transfer students preparing 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 English instruction (English 061 & English 101), academic counseling, a variety of out of class activities, and mentoring to assist and prepare students for transfer.

**SAC ADELANTE!**

This program offers a specialized orientation, transfer resources and services to recent SAUSD graduates, (2011 to date) and provides transfer guarantee admission to UCI or CSUF.




**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. U-Link is a transfer program that has a guaranteed admission from SAC 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](http://www.sac.edu) and select "University Transfer" or call 714-564-6165

	86734		Nguyen T	SAC HYBRID	Full Semester
6:00p-7:30p M Section 86734 Online instruction plus on campus meetings every Mon. 6:00p-7:30p, I-108. Students are required to logon to Blackboard on the first day of classes, Mon. 8/25: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . For additional information, or if you wish to add the course after 8/25, email the instructor ( <a href="mailto:nguyen_van@sac.edu">nguyen_van@sac.edu</a> ).					
	86725		Sadler D	SAC WEB	08/25-10/17
Section 86725 Students must be participating in the Online Degree Pathway program to enroll. For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> or contact the Distance Education Office at 714-564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> .					
	86727		Sadler D	SAC WEB	10/20-12/12
Section 86727 Students must be participating in the Online Degree Pathway program to enroll. For more information, see <a href="http://sac.edu/onlinepathway">http://sac.edu/onlinepathway</a> or contact the Distance Education Office at (714) 564-6725, <a href="mailto:sac_disted@sac.edu">sac_disted@sac.edu</a> . Students must attend one of the following class orientations: Mon. 10/20, or 10/21, 7:00-8:30PM, SAC L-225. Students are required to logon to Blackboard on the first day of classes, Mon. 10/20: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
	88240	8:30a-9:55a	MW	Shaffer C	SAC I-101
Full Semester STEM-Section 88240 is linked to Math 160 Trigonometry Section 87776, and Counseling 121, Introduction to STEM Study, Section 88235. Enrollment in all sections is mandatory. See Learning Communities II Program page in the class schedule for more information.					
	86354	9:00a-12:10p	F	Sanabria R	SAC I-101
	86296	9:30a-10:55a	Tu Th	Gilmour D	SAC I-108
	86290	9:30a-10:55a	MW	Gallego Jr R	SAC I-108
	86337	11:00a-12:25p	MW	Staff	SAC G-107
	86294	11:00a-12:25p	MW	Gallego Jr R	SAC I-101
	86363	11:50a-1:15p	Tu Th	Staff	SAC G-107
	86365	6:00p-9:10p	M	Staff	SAC I-101
	86368	6:00p-9:10p	Tu	Staff	SAC I-101
	86367	7:00p-10:10p	W	Staff	SAC I-108

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**COUNSELING 121, INTRODUCTION TO STEM STUDY SKILLS 1.0 UNIT**

This course is designed to introduce specialized study techniques for students in science, technology, engineering, and math courses. Effective learning processes will be examined through facilitated, structured peer interaction; strategies for complex problem solving; time management; and overcoming obstacles to achievement in rigorous coursework.

88235 1:45p-2:35p M Shaffer C SAC I-209 Full Semester  
 STEM-Section 88235 is linked to Math 160, Trigonometry, Section 87776, and Counseling 116, Career/Life Planning and Personal Exploration, Section 88240. Enrollment in all sections is mandatory. See Learning Communities II Program page in the class schedule for more information.

**COUNSELING 144, REASONING AND PROBLEM SOLVING 3.0 UNITS**

The nature of critical thinking, models and strategies; common fallacies of reasoning, self-regulation in the thinking process; application of critical thinking to complex issues of life. Not open to students who are enrolled, or have credit in Philosophy 144.

86273 1:00p-4:10p W Gilmour D SAC I-209 Full Semester

**COUNSELING 150, INTRODUCTION TO HUMAN SERVICES 3.0 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.


86280 9:00a-12:10p F Gilmour D SAC I-209 Full Semester  
 86285 7:00p-10:10p M Gilmour D SAC I-209 Full Semester

## CRIMINAL JUSTICE

**CRIMINAL JUSTICE 101, INTRODUCTION TO CRIMINAL JUSTICE 3.0 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.

 86847 Gonis Jr A SAC WEB Full Semester  
 Section 86847 Online instruction plus mandatory orientation meeting on Mon, 08/25 from 7:00p-8:00p, SAC T-212. Students will be required to come to SAC campus to take Midterm and Final Exams. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class. (gonis\_andrew@sac.edu)

 86848 Gonis Jr A SAC WEB Full Semester  
 Section 86848 Online instruction plus mandatory orientation meeting on Mon, 08/25 from 8:00p-9:00p, SAC T-212. Students will be required to come to SAC campus to take Midterm and Final Exams. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class. (gonis\_andrew@sac.edu)

86859	8:15a-9:40a	M W	Coulter E	SAC H-207	Full Semester
86856	9:00a-12:10p	F	Davis R	SAC R-318	Full Semester
86854	9:45a-11:10a	Tu Th	Wright G	SAC R-128	Full Semester
86860	10:30a-11:55a	M W	Coulter E	SAC I-202	Full Semester
86846	11:30a-12:55p	Tu Th	Gonis Jr A	SAC H-207	Full Semester
86861	1:15p-2:40p	M W	Coulter E	SAC H-207	Full Semester
86863	1:15p-2:40p	Tu Th	Davis R	SAC H-207	Full Semester
86857	6:00p-9:10p	M	Small S	SAC F-103	Full Semester
86858	6:00p-9:10p	Tu	Small S	SAC F-103	Full Semester
86853	7:00p-10:10p	W	Wright G	SAC W-101	Full Semester
86862	7:00p-10:10p	Th	Gomez E	SAC I-108	Full Semester


**CRIMINAL JUSTICE 102, INTRODUCTION TO CORRECTIONS 3.0 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.

86865 8:00a-11:10a F Glenane R SAC F-102 Full Semester  
 86864 6:30p-9:40p Th Glenane R SAC F-102 Full Semester


**CRIMINAL JUSTICE 103, CONCEPTS OF CRIMINAL LAW 3.0 UNITS**

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

 86850 Gonis Jr A SAC WEB Full Semester  
 Section 86850 Online instruction plus mandatory orientation meeting on Mon, 08/25 from 6:00p-7:00p, SAC T-212. Students will be required to come to SAC campus to take Midterm and Final Exams. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class. (gonis\_andrew@sac.edu)

86849 10:00a-11:25a Tu Th Gonis Jr A SAC H-207 Full Semester  
 86866 6:00p-9:10p M Staff SAC R-126 Full Semester

**CRIMINAL JUSTICE 104, PRISON EXPERIENCE 3.0 UNITS**

 A practical and in-depth study of adult corrections in the United States. This class includes field trips to various jails and prisons in the surrounding area with follow-up analysis, discussion and written assignments. Full background check required.

Prerequisite: Full Background Check Required.  
 86867 7:00p-10:10p Th Kraus E SAC H-205 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**CRIMINAL JUSTICE 105, LEGAL ASPECTS OF EVIDENCE 3.0 UNITS**

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

86851 10:00a-11:25a M W Gonis Jr A SAC H-207 Full Semester  
 86868 6:00p-9:10p Tu Williamson M SAC H-205 Full Semester

**CRIMINAL JUSTICE 106, CORONER DEATH INVESTIGATIONS 3.0 UNITS**

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

86871 9:00a-10:25a Tu Th Maiocco M SAC I-202 Full Semester

**CRIMINAL JUSTICE 107, PRINCIPLES AND PROCEDURES IN THE CRIMINAL JUSTICE SYSTEM 3.0 UNITS**

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

87524 11:30a-12:55p Tu Th Manzano F SAC A-205 Full Semester  
 86869 7:00p-10:10p Tu Alexander R SAC I-103 Full Semester

**CRIMINAL JUSTICE 108, CRIME SCENE INVESTIGATION 3.0 UNITS**

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

86872 8:00a-9:25a M W Maiocco M SAC I-209 Full Semester  
 86873 7:00p-10:10p W Maiocco M SAC R-114 Full Semester

**CRIMINAL JUSTICE 148, REPORT WRITING FOR CRIMINAL JUSTICE PERSONNEL 3.0 UNITS**

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

Prerequisite: English N60 with a minimum grade of C.  
 86845 9:00a-12:10p F Frazee B SAC H-207 Full Semester  
 86843 6:00p-9:10p W Frazee B SAC H-205 Full Semester

**CRIMINAL JUSTICE 205, CRIMINAL INVESTIGATION PRINCIPLES 3.0 UNITS**

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

86852 11:30a-12:55p M W Gonis Jr A SAC H-207 Full Semester  
 86874 7:00p-10:10p M Munn M SAC I-207 Full Semester

**CRIMINAL JUSTICE 209, ORGANIZED CRIME 3.0 UNITS**

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

86855 11:30a-12:55p Tu Th Wright G SAC R-128 Full Semester

**CRIMINAL JUSTICE 210, DRUG ABUSE AND CRIMINAL JUSTICE 3.0 UNITS**

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.

86875 6:00p-9:10p W Cota R SAC I-208 Full Semester

**CRIMINAL JUSTICE 220, JUVENILE DELINQUENCY AND CONTROL 3.0 UNITS**

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

86876 6:00p-9:10p Tu Anderson J SAC I-207 Full Semester

## CRIMINAL JUSTICE ACADEMIES

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

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

89991 6:00p-8:00p Tu Th Sneddon M CJTC-SD 08/26-09/18  
 enroll in .3 units if you plan to attend all class sessions  
 89992 6:00p-8:00p Tu Th Sneddon M CJTC-SD 10/14-11/06  
 enroll in .3 units if you plan to attend all class sessions

**CRIMINAL JUSTICE ACADEMIES 010, PRE-EMPLOYMENT PREPARATION FOR LAW ENFORCEMENT 1.0 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 ability, and training academy requirements.

89993 6:00p-10:00p Tu Th Staff CJTC-SD 09/16-10/11  
 8:00a-12:00p Sa Staff CJTC-SD  
 Class is held at the Orange County Sheriff's Regional Training Academy in Tustin, CA

# 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](http://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: 100A 984 hrs–20.5 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: California POST Certified Peace officer

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: California POST Certified Peace officer

- 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. 400 hr

## Modular Academy

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

Call CJA – 714-566-9200

- Module III–178 hours
- Module II–220 hours (Prerequisite: Module III)
- Module I – 440 Hours (Prerequisite: Module II)

## Leadership Training

Prerequisite: California POST Certified Peace officer

Call CJA – 714-566-9200

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

## Investigations

Prerequisite: California POST Certified Peace officer

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
- 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: California POST Certified Peace officer

Call CJA – 714-566-9200

- Clan Lab First Responder–16 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: California POST Certified Peace officer

Call CJA – 714-566-9200

- Driving/Force Option Simulator–8 hr

## Miscellaneous Training

Prerequisite: California POST Certified Peace officer

Call CJA – 714-566-9200

- 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
- Narcotic K-9–24 hr
- Requalification–136 hr

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**CRIMINAL JUSTICE ACADEMIES 026A, TRAINING ACADEMY**

**PREPARATION**

**0.1 - 0.3 UNITS**

This course is designed to prepare the student for the Basic Law Enforcement Academy, CJA 100A. It will include: drill, ceremony, physical training, reporting and speeches.

Open Entry / Open Exit

W 89976	7:00a-4:00p	Sa	Staff	CJTC-SD	09/06-09/13
Enroll In .3 units. class is held at the Orange County Sheriff's Training Academy-Tustin					
W 89978	7:00a-4:00p	Sa	Staff	CJTC-SD	11/15-11/22
Enroll In .3 units. class is held at the Orange County Sheriff's Training Academy-Tustin					

## 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

87955	TBA		Gillette H	SAC G-108	Full Semester
Student MUST be concurrently enrolled in a dance class. 1.5 arranged hours per week.					

**DANCE 010, ADVANCED 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

87955	TBA		Gillette H	SAC G-108	Full Semester
Student MUST be concurrently enrolled in a dance class. 1.5 arranged hours per week.					

**DANCE 100, DANCE HISTORY AND APPRECIATION**

**3.0 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 21st century. Emphasizes the contemporary dance heritage of the United States.

86176			Westergard-Dobson C	SAC WEB	Full Semester
Section 86176 No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a>					
86173	11:30a-12:55p	Tu Th	Westergard-Dobson C	SAC A-210	Full Semester

**DANCE 102, INTRODUCTION TO DANCE FORMS**

**3.0 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.

87958	7:30a-8:30a	M W	Garcia R	SAC G-108	Full Semester
	8:30a-8:55a	M W	Garcia R	SAC G-108	
2 hours arranged each week					

**DANCE 105, WORLD DANCE AND CULTURES**

**3.0 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.

86178	9:30a-10:55a	Tu Th	Garcia R	SAC A-210	Full Semester
88100	6:00p-9:10p	W	Staff	SAC I-101	Full Semester

**DANCE 107, DANCE CONCERT PERFORMANCE**

**1.0 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.

Prerequisite: Audition.

88067	2:15p-4:55p	F	Gillette H	SAC G-108	Full Semester
	4:55p-5:20p	F	Gillette H	SAC G-108	

**DANCE 109A, PILATES MAT I**

**1.0 UNIT**

An introduction to the mat exercises developed by Joseph Pilates to build strength, stability, coordination and control in the core muscles of the body. Applicable to dance and general body conditioning.

88069	7:30a-8:20a	Tu	Perez M	SAC G-108	Full Semester
	7:30a-8:20a	Th	Perez M	SAC G-108	

**DANCE 201A, BALLET I**

**2.0 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.

88070	9:00a-9:50a	M	Perez M	SAC G-108	Full Semester
	10:00a-10:50a	M	Perez M	SAC G-108	
	9:00a-10:50a	W		SAC G-108	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**DANCE 201B, BALLET II**

**2.0 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.

88072	9:00a-9:50a	M	Perez M	SAC G-108	Full Semester
	10:00a-10:50a	M	Perez M	SAC G-108	
	9:00a-10:50a	W		SAC G-108	
88073	11:00a-11:50a	M	Perez M	SAC G-108	Full Semester
	12:00p-1:00p	M	Perez M	SAC G-108	
	11:00a-1:00p	W		SAC G-108	

**DANCE 202A, CHOREOGRAPHY**

**3.0 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.

88074	1:00p-1:55p	Tu Th	Gillette H	SAC G-108	Full Semester
	2:05p-3:30p	Tu Th	Gillette H	SAC G-108	

**DANCE 202B, CHOREOGRAPHY FOR DANCE MAJORS**

**3.0 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.

88075	1:00p-1:55p	Tu Th	Gillette H	SAC G-108	Full Semester
	2:05p-3:30p	Tu Th	Gillette H	SAC G-108	

**DANCE 205, PERFORMANCE ENSEMBLE**

**2.0 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. Prerequisite: Audition.

88077	12:00p-12:55p	F	Gillette H	SAC G-108	Full Semester
	1:05p-4:15p	F	Gillette H	SAC G-108	
88076	2:15p-3:10p	F	Gillette H	SAC G-108	Full Semester
	3:10p-6:20p	W	Gillette H	SAC G-108	

**DANCE 206A, MODERN DANCE I**

**2.0 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. Prepares the student for Dance 206B.

88078	8:30a-9:25a	Tu	Gillette H	SAC G-108	Full Semester
	9:35a-10:30a	Tu	Gillette H	SAC G-108	
	8:30a-10:30a	Th		SAC G-108	

**DANCE 206B, MODERN DANCE II**

**2.0 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 with a minimum grade of C or Audition.

88080	10:35a-11:30a	Tu	Hahn J	SAC G-108	Full Semester
	11:40a-12:40p	Tu	Hahn J	SAC G-108	
	10:35a-12:40p	Th		SAC G-108	

## DANCE AUDITIONS

### Dance Production

Dance 107, 205, 204AB

25-30 dancers are needed.

Auditions for the Dance Concert:

Thursday, August 28, 2014

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.

Questions? Email Heather Gillette, Dance Department chair at [gillette\\_heather@sac.edu](mailto:gillette_heather@sac.edu).

## Academic Planning Questions?

[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>DANCE 209, MODERN DANCE III</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>Provides the continuing modern dance student opportunity to concentrate on more advanced steps and development of technical skills. Emphasizes combinations, choreography and performance style. Dance 206 recommended.</i>					
88083	10:35a-11:30a	Tu	Hahn J	SAC G-108	Full Semester
	11:40a-12:40p	Tu	Hahn J	SAC G-108	
	10:35a-12:40p	Th		SAC G-108	
<b>DANCE 210, MODERN DANCE IV</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>Continuing study of technique including more complicated combinations and advanced material. Emphasizes movement, expression, composition techniques and comparison of modern dance styles. Dance 209 recommended.</i>					
88084	10:35a-11:30a	Tu	Hahn J	SAC G-108	Full Semester
	11:40a-12:40p	Tu	Hahn J	SAC G-108	
	10:35a-12:40p	Th		SAC G-108	
<b>DANCE 213, BALLET III</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>Study of ballet technique and terminology on the intermediate level. Course content includes center adagio, jumps with beats, pirouettes, and movement combinations. Intermediate variations are also learned and performed in class.</i>					
88085	11:00a-11:50a	M	Perez M	SAC G-108	Full Semester
	12:00p-1:00p	M	Perez M	SAC G-108	
	11:00a-1:00p	W		SAC G-108	
<b>DANCE 214, BALLET IV</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>Continuing study of technique and terminology. Emphasizes longer, more intricate movement combinations and development of balletic style. Stresses expression and technique at high/intermediate level. Includes ballet history and comparisons of various ballet styles.</i>					
88086	11:00a-11:50a	M	Perez M	SAC G-108	Full Semester
	12:00p-1:00p	M	Perez M	SAC G-108	
	11:00a-1:00p	W		SAC G-108	
<b>DANCE 219A, JAZZ DANCE I</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>Introduction to jazz dance emphasizing movement technique, vocabulary and creative expression. Includes an introduction to choreographic principles and cultural context of jazz. Historical and contemporary forms are studied. Videos, concerts and master classes enrich the course.</i>					
88087	3:30p-4:20p	Tu	Jensen K	SAC G-108	Full Semester
	4:30p-5:30p	Tu	Jensen K	SAC G-108	
	3:30p-5:30p	Th		SAC G-108	
<b>DANCE 219B, JAZZ DANCE II</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>Continued study in jazz dance emphasizing movement technique, vocabulary and creative expression. Includes an introduction to choreographic principles and cultural context of jazz. Historical and contemporary forms are studied. Movement repertoire differs from 219A.</i>					
88088	3:30p-4:20p	Tu	Jensen K	SAC G-108	Full Semester
	4:30p-5:30p	Tu	Jensen K	SAC G-108	
	3:30p-5:30p	Th		SAC G-108	
88089	5:30p-6:20p	Tu	Jensen K	SAC G-108	Full Semester
	6:30p-7:30p	Tu	Jensen K	SAC G-108	
	5:30p-7:30p	Th		SAC G-108	
<b>DANCE 220, JAZZ DANCE III</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<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>					
88091	5:30p-6:20p	Tu	Jensen K	SAC G-108	Full Semester
	6:30p-7:30p	Tu	Jensen K	SAC G-108	
	5:30p-7:30p	Th		SAC G-108	
<b>DANCE 221, JAZZ DANCE IV</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<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>					
88092	5:30p-6:20p	Tu	Jensen K	SAC G-108	Full Semester
	6:30p-7:30p	Tu	Jensen K	SAC G-108	
	5:30p-7:30p	Th		SAC G-108	
<b>DANCE 240A, REPERTORY I</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>Students 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>					
Prerequisite: Audition.					
88093	3:15p-4:05p	W	Gillette H	SAC G-108	Full Semester
	4:15p-5:15p	W	Gillette H	SAC G-108	
	3:15p-5:15p	F		SAC G-108	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>DANCE 240B, REPERTORY II</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<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>					
Prerequisite: Audition.					
88094	3:15p-4:05p	W	Gillette H	SAC G-108	Full Semester
	4:15p-5:15p	W	Gillette H	SAC G-108	
	3:15p-5:15p	F		SAC G-108	
<b>DANCE 250B, HIP HOP DANCE II</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>Continued study in hip hop dance emphasizing movement technique, vocabulary and creative expression. Includes improvisation, more difficult combinations, student compositions and the cultural context of hip hop. Movement repertoire differs from 250A.</i>					
88095	6:30p-7:20p	M	Knight S	SAC G-108	Full Semester
	7:30p-8:30p	M	Knight S	SAC G-108	
	6:30p-8:30p	W		SAC G-108	
<b>DANCE 296, SPECIAL STUDIES IN MODERN DANCE</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<i>An intermediate/advanced level course offering individualized and accelerated instruction in modern dance techniques.</i>					
88096	11:00a-12:30p	Tu	Hahn J	SAC G-108	Full Semester
	12:30p-1:00p	Tu	Hahn J	SAC G-108	
<b>DANCE 297, SPECIAL STUDIES IN JAZZ DANCE</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<i>An intermediate/advanced level course offering individualized and accelerated instruction in jazz dance techniques.</i>					
88097	5:00p-6:30p	Tu	Jensen K	SAC G-108	Full Semester
	6:30p-7:00p	Tu	Jensen K	SAC G-108	
<b>DANCE 298, SPECIAL STUDIES IN DANCE</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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.					
88098	11:00a-12:30p	Tu	Perez M	SAC G-108	Full Semester
	12:30p-1:00p	Tu	Perez M	SAC G-108	

## DIESEL

<b>DIESEL 008, OXYACETYLENE-ARC WELDING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<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>					
89617	8:30a-12:10p	M W	Moore G	SAC K-101	Full Semester
89620	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89640	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester
<b>DIESEL 009, CHASSIS OVERHAUL</b> <span style="float: right;"><b>8.0 UNITS</b></span>					
<i>Inspection, service and overhaul procedures used on medium and heavy duty axles, steering and suspension components, clutches, transmissions, drivelines, differentials, air brake, and ABS systems.</i>					
89682	6:30p-10:30p	M Tu W Th	Staff	SAC K-115	Full Semester
<b>DIESEL 040, DIESEL ELECTRICAL SYSTEMS</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>Diagnosis, service, and repair procedures for starting, charging, lighting, and instrument systems. Students furnish safety equipment and protective clothing.</i>					
89683	8:00a-12:35p	M W	Staff	SAC K-115	Full Semester

## EARTH SCIENCE

<b>EARTH SCIENCE 110, INTRODUCTION TO EARTH SCIENCE</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<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>					
87845	8:00a-9:25a	Tu Th	Coyne C	SAC R-124	Full Semester
87846	9:00a-12:10p	F	Schneider IV V	SAC R-126	Full Semester
87848	9:00a-12:10p	Sa	Greenwood R	SAC R-111	Full Semester
87849	1:15p-2:40p	M W	Staff	SAC R-111	Full Semester
87850	6:30p-9:40p	Tu	Fantozzi J	SAC R-111	Full Semester
87847	7:00p-10:10p	W	Smith T	SAC R-318	Full Semester
<b>EARTH SCIENCE 115, EARTH SCIENCE FOR EDUCATORS</b> <span style="float: right;"><b>4.0 UNITS</b></span>					
<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>					
87937	9:45a-12:55p	Tu	Coyne C	SAC R-328	Full Semester
	9:45a-12:55p	Th	Coyne C	SAC R-328	
<b>EARTH SCIENCE 150, INTRODUCTION TO OCEANOGRAPHY</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Introductory study of the ocean and its topography, sediments, circulation, shoreline processes, biological productivity and mineral resources. (Same as Geology 150.)</i>					
87941	11:30a-12:55p	M W	Hughes P	SAC R-111	Full Semester
87945	7:00p-10:10p	Th	Hughes P	SAC R-111	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**EARTH SCIENCE 150H, HONORS INTRODUCTION TO OCEANOGRAPHY** **3.0 UNITS**  
 Enriched and intensive study of the ocean's topography, sediments, circulation, shoreline processes, biological productivity and mineral resources. Course is taught in a seminar format to provide optimal active learning and critical thinking. (Same as Geology 150H.)  
 Prerequisite: A high school or college GPA of 3.0 or above.  
 87947 7:00p-10:10p Th Hughes P SAC R-111 Full Semester

## ECONOMICS

**ECONOMICS 120, PRINCIPLES/MACRO** **3.0 UNITS**  
 Introduction to macroeconomics, including basic economic concepts, analysis of markets, national income accounting, employment, short run business cycle fluctuations, long run growth trends, monetary and fiscal policies, and international economic issues. Intended for economics, business, and certain engineering/computer science majors. MATH 080 or 081 is recommended.  
 Prerequisite: MATH 060 or MATH 061 with a minimum grade of C.

89307 9:30a-11:00a Sa Ho L SAC HYBRID 08/25-10/18  
 SAC I-107  
 Section 89307 8-week online instruction plus one mandatory on campus meeting on Saturday 8/30, from 9:30a-11:00a in SAC I-107. Students are required to log on to Blackboard on the first day of class at <http://rsccd.blackboard.com>.  
 Email instructor the first week of class: ([ho\\_lac@sac.edu](mailto:ho_lac@sac.edu)).

86213 11:15a-12:45p Sa Ho L SAC HYBRID Full Semester  
 SAC I-107  
 Section 86213 online instruction plus mandatory on campus meetings on Saturday 8/30, 11/8, 12/6 from 11:15am-12:45pm in SAC I-107. Students are required to log on to Blackboard on the first day of class at <http://rsccd.blackboard.com>.  
 Email instructor first week of class: ([ho\\_lac@sac.edu](mailto:ho_lac@sac.edu)).

86191 8:00a-9:25a M W Montes A SAC VL-310 Full Semester  
 86194 9:45a-11:10a Tu Th Montes A SAC VL-310 Full Semester  
 86198 9:45a-11:10a M W Montes A SAC VL-310 Full Semester  
 86196 11:30a-12:55p Tu Th Montes A SAC VL-310 Full Semester  
 86214 7:00p-10:10p Th Montes A SAC VL-310 Full Semester  
 86215 7:00p-10:10p Tu Th Meister D SAC I-107 08/26-10/16  
 Section 86215 is an Express to Success course. Recommend enrollment in second eight weeks in section 86247. See the Express to Success program page in the class schedule for more information.

**ECONOMICS 121, PRINCIPLES/MICRO** **3.0 UNITS**  
 Introduction to microeconomics, including basic economic concepts, analysis of markets, efficiency, consumer and firm behavior, industry structures, market failure, and resource markets. For economics, business, and certain engineering and computer science majors. MATH 080 or 081 is recommended.  
 Prerequisite: MATH 060 or MATH 061 with a minimum grade of C.

86217 1:00p-2:30p Sa Ho L SAC HYBRID Full Semester  
 SAC I-107  
 Section 86217 online instruction plus mandatory on campus meetings on Saturday 8/30, 11/8, 12/6 from 1:00-2:30pm in SAC I-107. Students are required to log on to Blackboard on the first day of class at <http://rsccd.blackboard.com>.  
 Email instructor first week of class: ([ho\\_lac@sac.edu](mailto:ho_lac@sac.edu)).

86220 8:00a-9:25a Tu Th Montes A SAC VL-310 Full Semester  
 86257 8:00a-11:00a Sa Ghuloum A SAC VL-303 Full Semester  
 86222 11:30a-12:55p M W Montes A SAC VL-310 Full Semester  
 86225 7:00p-10:10p Tu Velasco I SAC VL-109 Full Semester  
 86247 7:00p-10:20p Tu Th Meister D SAC I-107 10/21-12/11  
 Section 86247 is an Express to Success course. Recommend enrollment in first eight weeks in section 86215. See the Express to Success program page in the class schedule for more information.

## EDUCATION

**EDUCATION 100, INTRODUCTION TO EDUCATION** **3.0 UNITS**  
 Introduction to the field of education including historical and philosophical perspectives; school governance and funding; societal influences and student diversity; school curriculum standards; professional standards and teaching performance expectations. Students will independently complete a minimum of 45 hours of Service Learning (structured observation and internship/fieldwork) in local public elementary school classrooms during the semester.  
 OER 86878 1:00p-2:25p M W Staff SAC V-150 Full Semester  
 OER 86877 6:00p-9:10p M Staff SAC H-205 Full Semester

**EDUCATION 204, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR SECONDARY TEACHERS** **3.0 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.

86879 7:30p-10:30p W Staff SAC HYBRID Full Semester  
 SAC T-203-1  
 Section 86879 combines online instruction plus mandatory on-campus meetings on Wed, 08/27, 09/03 and then every other Wed, from 7:30pm-10:30pm in SAC T-203-1. Email instructor first week of class.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**EDUCATION 205, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGY FOR ELEMENTARY TEACHERS** **3.0 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.

86880 7:30p-10:30p W Staff SAC HYBRID Full Semester  
 Staff SAC T-203-1  
 Section 86880 combines online instruction plus mandatory on-campus meetings on Wed, 08/27, 09/03 and then every other Wed, from 7:30pm-10:30pm in SAC T-203-1. Email instructor first week of class.

## EMERGENCY MEDICAL TECHNICIAN

**EMERGENCY MEDICAL TECHNICIAN 101, EMERGENCY MEDICAL TECHNICIAN** **7.0 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.

Prerequisite: Concurrent enrollment in EMT 105. American Heart Association CPR Healthcare Provider Card.  
 86259 8:00a-11:10a M W Dethlefsen E SAC R-307 Full Semester  
 11:20a-12:45p 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. Students registering for EMT 101 in section 86259 must also register for EMT 102 in section 86263 and EMT 105 in section 86266.

86261 8:00a-11:10a Tu Th Dethlefsen E SAC R-307 Full Semester  
 11:20a-12:45p 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. Students registering for EMT 101 in section 86261 must also register for EMT 102 section 86265 and EMT 105 in section 86267.

**EMERGENCY MEDICAL TECHNICIAN 102, EMT TRANSITION SERIES** **2.0 UNITS**  
 This course provides depth and breadth of foundational knowledge of the National EMS Education Standards derived from the National Scope of Practice Model for entry-level EMTs.

86263 12:55p-1:50p M W Alongi A SAC R-307 Full Semester  
 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. Students registering for EMT 102 in section 86263 must also register for EMT 101 in section 86259 and EMT 105 in section 86266.

86265 12:55p-1:50p Tu Th Alongi A SAC R-307 Full Semester  
 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. Students registering for EMT 102 in section 86265 must also register for EMT 101 in section 86261 and EMT 105 in section 86267.

**EMERGENCY MEDICAL TECHNICIAN 105, CLINICAL EMT SKILLS LABORATORY** **1.0 UNIT**  
 Supervised use of skills lab through supplemental learning to assist the student in development of clinical competency and mastery of psychomotor skills as addressed in course EMT 101. Hours verified by instructor.

Prerequisite: Concurrent enrollment in EMT 101  
 86266 TBA Dethlefsen E SAC B-5 Full Semester  
 48 hours arranged. Students registering for EMT 105 in section 86266 must also register for EMT 101 in section 86259 and EMT 102 in section 86263.

86267 TBA Dethlefsen E SAC B-5 Full Semester  
 48 hours to be arranged. Students registering for EMT 105 in section 86267 must also register for EMT 101 in section 86261 and EMT 102 in section 86265.

**EMERGENCY MEDICAL TECHNICIAN 111, RECERTIFICATION FOR EMT I-BASIC** **2.0 UNITS**  
 Update emergency medical techniques, equipment, and EMSA policies. Meets state requirements for EMT-1 Basic recertification.

Prerequisite: Valid EMT I (Basic) certificate or equivalent within past two years. Valid CPR card: Health Care Provider  
 86268 8:30a-12:30p F Sa Dethlefsen E SAC B-4 10/10-10/18  
 1:00p-5:10p F Sa Dethlefsen E SAC B-4  
 A current American Heart Association CPR card for HEALTH CARE PROVIDER is required to be shown the first day of class for ALL EMT recertification students.

Online Counseling Now Available!  
[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

# ENGINEERING

**ENGINEERING 011, BASIC MECHANICAL BLUEPRINT READING** **2.0 UNITS**  
Reading and interpreting blueprints for manufacturing technologies. (Same as Manufacturing Technology 011)

89651 5:00p-7:05p F Bright T SAC A-130 Full Semester

**ENGINEERING 012, AEC BLUEPRINT READING** **3.0 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** 87961 6:00p-10:10p Tu Castellanos C SAC HYBRID 08/26-10/14  
Castellanos C SAC A-216  
Section 87691 online instruction plus mandatory on campus meetings every Tues.  
6:00p-10:10p, SAC A-216.

**ENGINEERING 100A, INTRODUCTION TO ENGINEERING** **2.0 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, projects, and guest speakers.

87606 2:00p-3:55p Th Takahashi C SAC A-214 Full Semester  
Section 87606 Email instructor before the first week of class. (Takahashi\_Craig@sac.edu)  
Students must have approval for this course before enrolling.  
88764 4:00p-5:55p Tu Takahashi C SAC A-214 Full Semester  
87605 6:00p-10:10p Tu Le K SAC A-222 08/26-10/14

**ENGINEERING 100B, INTRODUCTION TO ARCHITECTURE/CIVIL ENGINEERING / CONSTRUCTION (AEC)** **2.0 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.

**Q** 87610 Sherod S SAC WEB 08/25-10/17  
Section 87610 online instruction. No on campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>.  
Email instructor first week of class: (Sherod\_Susan@sac.edu).  
Make sure your current email is in personal information.

87960 6:00p-10:25p Tu Castellanos C SAC A-216 10/21-12/09

**ENGINEERING 103, SOLIDWORKS BASIC SOLID MODELING** **3.0 UNITS**  
Introductory course in parametric solid modeling. This course will include a solid modeling overview, solid model construction techniques (extrude, revolve, fillet, chamfer, etc), including the preparation of individual solid components and basic solid model assemblies. (Same as Manufacturing Technology 103.) Suggested Preparation: Engineering 011.

89675 7:00p-10:10p M Corley G SAC T-203 Full Semester  
89677 7:00p-10:10p Tu Corley G SAC T-203 Full Semester

**ENGINEERING 105, SOLIDWORKS ADVANCED SOLID MODELING** **3.0 UNITS**  
Advanced course for solid modeling includes a review of the intermediate class and changes to the Solidworks interface. Instruction in the use of Solidworks part modeling, assembly modeling, sub-assemblies, advanced photoworks and advanced animator emphasized. (Same as Manufacturing Technology 105.)

Prerequisite: Engineering 104 with a minimum grade of C.  
89679 7:00p-10:10p Th Cole J SAC T-203 Full Semester

**ENGINEERING 110, ADVANCED CAD APPLICATIONS** **0.5 - 4.0 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  
**Q** 87614 Sherod S SAC WEB Full Semester  
Section 87614 online instruction. No on campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>.  
Make sure your current email is in personal information.

**ENGINEERING 112, SOCIETY AND THE BUILT ENVIRONMENT** **3.0 UNITS**  
An introductory course that explores the far reaching impacts of society on the built environment. A multidisciplinary examination of Western and Non-Western society's ethics, economics, culture, ecology, processes, technology and tools on trends and developments of the built environment.

**Q** 87616 Sherod S SAC WEB Full Semester  
Section 87616 online instruction. No on campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>.  
Email instructor first week of class: (Sherod\_Susan@sac.edu)  
Make sure your current email is in personal information.

**ENGINEERING 114, GEOMETRIC DIMENSIONING AND TOLERANCING** **3.0 UNITS**  
Drawing interpretation utilizing geometric dimensioning and tolerancing (ANSI Y14.5) as applied in engineering, manufacturing, and inspection. Suggested preparation: Engineering 011 or Engineering 122. (Same as Manufacturing Technology 114.)

89744 7:00p-10:10p M Le K SAC A-214 Full Semester

**ENGINEERING 118, PLANE SURVEYING** **4.0 UNITS**

History and careers in surveying. Introduction to survey measurements, distance, direction and elevations. Traverse computations and adjustment. Recording field measurements. Assists in passing the land surveyor-in-training exam. Completion of Math 160 recommended.

**Software Utilized: CIVIL 3D AND ARCGIS 10**

**H** 87618 Gallegos H SAC HYBRID Full Semester  
Gallegos H SAC A-225  
6:00p-9:10p M  
Section 87618 online instruction plus mandatory on campus meetings every Mon.  
6:00p-9:10p, SAC A-225.

**ENGINEERING 119, ADVANCED PLANE SURVEYING** **4.0 UNITS**

Emphasis on coordinate geometry calculations. Route surveying with horizontal and vertical curves. Topographic surveying and mapping. Construction surveying. Introduction to geospatial technologies, boundary surveying and surveys of public lands. Field surveying projects. Assists student in passing the state land surveyor-in-training exam. Previous successful completion of Math 160 recommended.

Prerequisite: Engineering 118 with a minimum grade of C; Instructor may waive if student can show proof of industry experience in surveying equal or greater than Engineering 118.

**Software Utilized: CIVIL 3D AND ARCGIS 10**

**H** 87622 Gallegos H SAC HYBRID Full Semester  
Gallegos H SAC A-225  
6:00p-9:10p M  
Section 87622 online instruction plus mandatory on campus meetings every Mon.  
6:00p-9:10p, SAC A-225.

**ENGINEERING 122, ENGINEERING DRAWING** **3.0 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** 87629 Takahashi C SAC HYBRID Full Semester  
Takahashi C SAC A-214  
6:00p-10:10p Tu  
Section 87629 online instruction plus mandatory on campus meetings every Tues.  
6:00p-10:10p, SAC A-214.

**ENGINEERING 124, ADVANCED DRAWING** **3.0 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** 87963 Takahashi C SAC HYBRID Full Semester  
Takahashi C SAC A-214  
6:00p-10:10p Tu  
Section 87963 online instruction plus mandatory on campus meetings every Tues.  
6:00p-10:10p, SAC A-214.

**ENGINEERING 130A, CATIA SOLID MODELING I** **3.0 UNITS**

Introductory course in parametric solid modeling CAD using CATIA software. Topics include: CAD overview, sketching, basic solid model creation (base features, pads, pockets, grooves, shafts, etc.) sketch constraints, reference elements, hole features, feature editing, assembly and drawing creation.

**Software Utilized: CATIA V.5.R19**

**W** 87964 9:00a-12:10p Sa Cole J SAC A-108 Full Semester

**ENGINEERING 130B, CATIA SOLID MODELING II** **3.0 UNITS**

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

**Software Utilized: CATIA V.5.R19**

**W** 87965 9:00a-12:10p Sa Cole J SAC A-108 Full Semester

**ENGINEERING 132, INTRODUCTION TO ROBOTICS** **3.0 UNITS**

Introductory course in robotics. Topics include history of robotics, impact of robotics in modern engineering, industrial automation, emerging technologies, basic design, sensors, circuitry, actuators, mechanics, programming, and a hands-on robot design and construction project.

**H** 87970 Takahashi C SAC HYBRID Full Semester  
Takahashi C SAC A-214  
6:00p-9:10p Th  
Section 87970 online instruction plus mandatory on campus meetings every Thur.  
6:00p-9:10p, SAC A-214.

**ENGINEERING 140A, CREO BEGINNING SOLID MODELING** **3.0 UNITS**

Introductory course in parametric solid modeling CAD using Creo (formerly called ProEngineer) software. Topics include sketches, sketch constraints, part modeling and editing, assemblies, drawing creation and views, dimensioning, and annotations.

**Software Utilized: Creo Parametric 2.0**

87968 6:30p-9:40p W Rodriguez Ponce L SAC A-214 Full Semester

**ENGINEERING 140B, CREO INTERMEDIATE SOLID MODELING** **3.0 UNITS**

Intermediate course in parametric solid modeling CAD using Creo (formerly called ProEngineer) software. Topics: intermediate level sketching, part modeling and modification, assemblies, drawing, surface modeling, and other ProE modules. Suggested Preparation - Engineering 140A.

**Software Utilized: Creo Parametric 2.0**

87969 6:30p-9:40p W Rodriguez Ponce L SAC A-214 Full Semester



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**ENGINEERING 142, ARCHITECTURE/CIVIL ENGINEERING/CONSTRUCTION (AEC) DRAFTING STANDARDS 4.0 UNITS**

An introduction to conventional and computer aided drafting techniques in the relation of drawings for construction. Interpretation of details in construction drawings/blueprints and reference materials. Laboratory: Drafting plans for a residential building using the techniques introduced in the course. Includes ecological terms and concepts, BIM basics, and abbreviations. Recommended preparation: Engineering 012 and 183.

H	87971	1:30p-3:30p	M W	Sherod S	SAC HYBRID	Full Semester
				Sherod S	SAC A-216	

Section 87971 online instruction plus mandatory on campus meetings every Mon. & Wed. 1:30p-3:30p, SAC A-216.

**ENGINEERING 143, FUNDAMENTALS OF CONSTRUCTION ENGINEERING/CONSTRUCTION (AEC) DRAFTING STANDARDS 3.0 UNITS**

Overview of residential, commercial, institutional, industrial, and heavy civil construction and associated codes, standards, and ethical boundaries. Areas of focus to include type of foundations, materials, contract documents, working drawings and vocabulary. Includes an introduction to LEED/Green Construction.

	87972	7:00p-10:10p	M	Jaenichen L	SAC A-216	Full Semester
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**ENGINEERING 154, ARCHITECTURE/CIVIL ENGINEERING /CONSTRUCTION (AEC) PARAMETRIC AND BIM APPLICATIONS 4.0 UNITS**

This course covers AEC 3D Parametric applications for Architectural, Civil Engineering, and Construction drawings/documents. Includes BIM concepts, sustainable design, organization of projects, visualization and printing. Suggested preparation: Engineering 142 and 186.

**Software Utilized: REVIT**

H OER	87973	1:30p-3:30p	M W	Sherod S	SAC HYBRID	Full Semester
				Sherod S	SAC A-216	

Section 87973 online instruction plus mandatory on campus meetings every Mon. & Wed. 1:30p-3:30p, SAC A-216.

**ENGINEERING 165, INTRODUCTION TO ENERGY 3.0 UNITS**

Students will gain a broad understanding of energy concepts, efficiencies, conservation, distribution, careers and cost-benefit analysis of energy resource use. The study of both renewable and non-renewable energy will be included.

	88914	7:00p-10:10p	W	Jaenichen L	SAC A-216	Full Semester
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**ENGINEERING 175, INTRODUCTION TO ENERGY ANALYSIS 3.0 UNITS**

This course is focused on energy analysis with respect to energy conservation, energy auditing, and CA Title 24 requirements. Calculations will be performed manually and with the assistance of software applications. Career tracks in energy analysis will be explored. Energy concepts, heat loss calculations, basic solar concepts, site selection, design improvements, appliances, and utility systems will be covered within this course.

OER	88917	7:00p-10:10p	W	Jaenichen L	SAC A-216	Full Semester
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**ENGINEERING 183, AUTOCAD I - COMPUTER AIDED DRAFTING 3.0 UNITS**

A first course in computer drafting using AutoCAD software. Topics include: display and file management, units, entities, object selection, advanced editing, layers, dimensions, text, graphic exchange.

**Software Utilized: AutoCAD 2014**

H	87974	10:00a-12:10p	M W	Sherod S	SAC HYBRID	Full Semester
				Sherod S	SAC A-216	

Section 87974 online instruction plus mandatory on campus meetings every Mon. & Wed. 10:00a-12:10p, SAC A-216.

H	87975	6:00p-10:10p	Th	Galvez R	SAC HYBRID	Full Semester
				Galvez R	SAC A-216	

Section 87975 online instruction plus mandatory on campus meetings every Thurs. 6:00p-10:10p, SAC A-216.

**ENGINEERING 184, AUTOCAD II - COMPUTER AIDED DRAFTING 3.0 UNITS**

Intermediate course in the use of AutoCAD software. Topics include blocks, hatches, attributes, inquiry, and 3-D introduction. Recommended preparation: Engineering 183.

**Software Utilized: AutoCAD 2014**

H	87976	10:00a-12:10p	M W	Sherod S	SAC HYBRID	Full Semester
				Sherod S	SAC A-216	

Section 87976 online instruction plus mandatory on campus meetings every Mon. & Wed. 10:00a-12:10p, SAC A-216.

H	90902	6:00p-10:10p	Th	Galvez R	SAC HYBRID	Full Semester
				Galvez R	SAC A-216	

Section 90902 online instruction plus mandatory on campus meetings every Thur. 6:00p-10:10p, SAC A-216.

W W	87977	8:00a-11:50a	Sa	Fonseca J	SAC A-216	Full Semester
				Fonseca J	SAC A-216	

**ENGINEERING 185, AUTOCAD III - COMPUTER AIDED DRAFTING 3.0 UNITS**

Advanced course in the use of AutoCAD software. Topics include DXF format, scripts, macros, customizing and creating image tile menus. Recommended preparation: Engineering 184.

**Software Utilized: AutoCAD 2014**

OER	87978	8:00a-11:50a	Sa	Fonseca J	SAC A-216	Full Semester
				Fonseca J	SAC A-216	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**ENGINEERING 191, CIVIL CAD CONCEPTS 3.0 UNITS**

Fundamental principles, operation techniques and practices of two dimensional design using MicroStation computer aided drafting and design software emphasizing Civil Engineering applications, to create, modify, store and plot graphic data.

**Software Utilized: MicroStation V8i**

H W	88812	8:00a-12:10p	Sa	Galvez R	SAC HYBRID	Full Semester
				Galvez R	SAC A-225	

Section 88812 online instruction plus mandatory on campus meetings every Sat. 8:00a-12:10p, SAC A-225.

**ENGINEERING 193, MICROSTATION 3-D 3.0 UNITS**

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

**Software Utilized: MicroStation V8i**

H W	90905	8:00a-12:10p	Sa	Galvez R	SAC HYBRID	Full Semester
				Galvez R	SAC A-225	

Section 90905 online instruction plus mandatory on campus meetings every Sat. 8:00a-12:10p, SAC A-225.

**ENGINEERING 235, STATICS 3.0 UNITS**

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.

Prerequisite: Physics 217 & Mathematic 185 with a minimum grade of C (both may be taken concurrently).

	87980	1:30p-4:40p	W	Takahashi C	SAC A-130	Full Semester
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**ENGLISH**

**ENGLISH N50, INTRODUCTION TO WRITTEN COMMUNICATION 3.0 UNITS**

Introduction to written communication including autobiographical, journal and summary writing, and responding to essays. Basic grammar and punctuation. Not applicable to associate degree. Students may be referred to the Learning Center.

Prerequisite: Qualifying profile from English placement process.

W W W W W	86808	6:00p-10:05p	F	Cervantes M	SAC I-104	08/29-10/04
				Cervantes M	SAC I-104	
W W W W	86812	9:00a-1:05p	Sa	Staff	SAC I-206	08/29-10/04
				Staff	SAC I-206	
W W W	86813	6:00p-10:05p	F	Staff	SAC I-201	08/29-10/04
				Staff	SAC I-201	

**ENGLISH N60, BASICS OF EFFECTIVE WRITING 3.0 UNITS**

Sentence structure and paragraph writing including reading-based modeling and integrated study skills. Not applicable to associate degree.

Prerequisite: English N50 with a minimum grade of C or qualifying profile from English placement process.

	86814	7:30a-9:35a	M W	Bassett D	SAC VL-302	Full Semester
	86815	7:30a-9:35a	Tu Th	Rocke B	SAC VL-209	Full Semester
	86817	8:00a-10:05a	Tu Th	Sosta R	SAC VL-104	Full Semester

Section 86817 is linked to Counseling 107, The Freshman Experience, Section 86317. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

	86826	8:00a-10:05a	M W	Rocke B	SAC I-109	Full Semester
	86827	8:00a-10:05a	M W	Diller J	SAC VL-309	Full Semester
	86822	9:15a-11:20a	Tu Th	Kelley S	SAC VL-106	Full Semester

Section 86822 is linked to Counseling 107, The Freshman Experience Section 86350. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

	86816	9:15a-11:20a	M W	Dinh A	SAC I-207	Full Semester
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Section 86816 is linked to Counseling 107, The Freshman Experience, Section 86350, Business Applications 179, Introduction to Microsoft Office, Section 87097, Business Applications 035, Computer Fundamentals, Section 87264, and Business Applications 147, International Commercial Agreements and Distribution Law, Section 87265. Enrollment in all sections is mandatory. See the Freshman Experience Pro

	86820	9:45a-11:50a	Tu Th	Cons A	SAC VL-301	Full Semester
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Section 86820 is linked to Counseling 107, The Freshman Experience, Section 86308. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

	86818	10:15a-12:20p	M W	Bassett D	SAC A-214	Full Semester
	86824	11:15a-1:20p	Tu Th	Brandon K	SAC VL-306	Full Semester
	86819	11:30a-1:35p	Tu Th	Beyersdorf M	SAC I-109	Full Semester
	86828	6:00p-10:15p	Tu	Staff	SAC VL-302	Full Semester
	86829	6:00p-10:15p	W	Dongell R	SAC VL-207	Full Semester

W W W	86830	6:00p-10:05p	F	Taylor J	SAC VL-209	08/29-10/18
				Taylor J	SAC VL-209	
W W W	86831	6:00p-10:20p	F	Pelle M	SAC VL-209	10/24-12/13
				Pelle M	SAC VL-209	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATN / ROOM	DATES
<b>ENGLISH 061, INTRODUCTION TO COMPOSITION</b>					
			<b>3.0 UNITS</b>		
<i>Expository paragraph writing emphasizing various methods including argumentation. Practice in refining sentence skills and grammar.</i>					
Prerequisite: English N60 with a minimum grade of C or qualifying profile from English placement process.					
H 86394	4:30p-6:50p	Th	Bennett G Bennett G	SAC HYBRID SAC I-104	Full Semester
Section 86394 combines online instruction with mandatory on-campus meetings Thursdays 8/28, 10/2, 11/6, 12/11 from 4:30-6:50pm in SAC I-104. Students are required to log on to Blackboard on the first day of class at <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class ( <a href="mailto:bennett_gary@sac.edu">bennett_gary@sac.edu</a> ).					
86435	7:00a-9:05a	MW	Staff	SAC I-108	Full Semester
86391	7:30a-9:35a	MW	Mitzner R	SAC VL-305	Full Semester
86434	7:30a-9:35a	MW	Tran M	SAC VL-301	Full Semester
86446	9:00a-1:15p	MW	Ramshaw C	SAC I-104	08/25-10/15
Section 86446 is an Express to Success course. Recommend enrollment in second eight weeks in section 86506 ENGL 101. See the Express to Success program page in the class schedule for more information.					
86431	9:45a-11:50a	MW	Martinez Guzman D	SAC VL-209	Full Semester
86445	11:00a-1:05p	MW	Pecenovic N	SAC A-206	Full Semester
Section 86445 is linked to Counseling 107, the Freshman Experience, Section 86332. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
86437	11:45a-1:50p	MW	Brandon K	SAC VL-207	Full Semester
86452	12:00p-4:30p	MW	Higgins M	SAC VL-106	08/25-10/15
Section 86452 is an Express to Success course. Recommend enrollment in second eight weeks in section 86507 ENGL 101. See the Express to Success program page in the class schedule for more information.					
86404	7:30a-9:35a	Tu Th	Kabaji N	SAC VL-208	Full Semester
86407	7:30a-9:35a	Tu Th	Tran M	SAC VL-303	Full Semester
Section 86407 is linked to Counseling 107, the Freshman Experience, Section 86305. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
86414	7:30a-9:35a	Tu Th	Axtell C	SAC VL-301	Full Semester
86455	9:00a-1:15p	Tu Th	Higgins M	SAC VL-307	08/26-10/16
Section 86455 is an Express to Success course. Recommend enrollment in second eight weeks in section 86508 ENGL 101. See the Express to Success program page in the class schedule for more information.					
86417	9:00a-11:05a	Tu Th	Martinez Guzman D	SAC I-107	Full Semester
PUENTE Section 86417 is linked to Counseling N45, Orientation to College, Section 86677, and Counseling 100, Lifelong Understanding and Self Development, Section 85633. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
86433	11:30a-1:35p	Tu Th	Axtell C	SAC VL-103	Full Semester
86421	12:00p-2:05p	Tu Th	Carroll A	SAC R-318	Full Semester
Section 86421 is linked to Counseling 107, the Freshman Experience, Section 86315. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
86441	12:30p-4:45p	Tu Th	Tran M	SAC I-201	08/26-10/16
86423	1:00p-3:05p	Tu Th	Pecenovic N	SAC VL-304	Full Semester
86442	1:15p-3:20p	Tu Th	Sosta R	SAC VL-309	Full Semester
86424	4:30p-6:35p	Tu Th	Brandon K	SAC VL-304	Full Semester
86427	6:00p-10:15p	Tu	Greenberg H	SAC I-201	Full Semester
Section 86427 is linked to Counseling 107, the Freshman Experience, Section 88597. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
86444	6:00p-10:15p	Tu	Munoz J	SAC VL-207	Full Semester
86428	6:00p-10:15p	Th	Munoz J	SAC VL-305	Full Semester
86429	6:00p-10:15p	Th	Avalos R	SAC VL-302	Full Semester
86406	9:00a-1:15p	F	Keefer S	SAC VL-209	Full Semester
86436	9:00a-1:15p	F	Staff	SAC VL-302	Full Semester
W 86460	9:00a-1:15p	Sa	Bromberger K	SAC I-207	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATN / ROOM	DATES
<b>ENGLISH 101, FRESHMAN COMPOSITION</b>					
			<b>4.0 UNITS</b>		
<i>Expository and argumentative essays and the research paper. Special interest sections described in schedule of classes.</i>					
Prerequisite: English 061 or English for Multilingual Students 112 or Adult Basic Education 116 with a minimum grade of C or qualifying profile from English placement process.					
H 86479	4:00p-6:30p	Tu	Kabaji N Kabaji N	SAC HYBRID SAC VL-309	Full Semester
Section 86479 combines online instruction plus 4 mandatory on campus meetings Tuesday 8/26, 9/23, 11/25, 12/9, from 4:00-6:30pm in SAC VL-309. Students are required to log on to Blackboard on the first day of class at <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class. ( <a href="mailto:kabaji_noha@sac.edu">kabaji_noha@sac.edu</a> ).					
H 86483	4:00p-5:50p	M	Nguyen P Nguyen P	SAC HYBRID SAC VL-302	Full Semester
Section 86483 combines online instruction plus mandatory on campus meetings Monday 8/25, 9/22, 10/27, 12/1 from 4:00-5:50pm in SAC VL-302. Students are required to log on to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class ( <a href="mailto:nguyen_pete@sac.edu">nguyen_pete@sac.edu</a> ).					
H 86490	7:00p-9:20p	Th	Bennett G Bennett G	SAC HYBRID SAC I-202	Full Semester
Section 86490 combines online instruction and mandatory on-campus meetings on Thursday 8/28, 10/2, 11/6, 12/11 from 7:00-9:20pm in SAC I-202. Students are required to log on to Blackboard on the first day of class at <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class ( <a href="mailto:bennett_gary@sac.edu">bennett_gary@sac.edu</a> ).					
H 86491	4:00p-5:50p	Th	Carey J Carey J	SAC HYBRID SAC VL-205	Full Semester
Section 86491 combines online instruction and mandatory on-campus meetings on Thursday 8/28, 10/2, 11/6, 12/11 from 4:00-5:50pm in SAC VL-205. Students are required to log on to Blackboard on the first day of class at <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class ( <a href="mailto:carey_jennifer@sac.edu">carey_jennifer@sac.edu</a> ).					
H 86492	4:00p-5:50p	Th	Chao I Chao I	SAC HYBRID SAC VL-311	Full Semester
Section 86492 combines online instruction and mandatory on-campus meetings on Thursday 8/28, 10/2, 11/6, 12/11 from 4:00-5:50pm in SAC VL-311. Students are required to log on to Blackboard on the first day of class at <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class ( <a href="mailto:chao_iris@sac.edu">chao_iris@sac.edu</a> ).					
H 86500	3:00p-4:50p	M	Ramshaw C Ramshaw C	SAC HYBRID SAC VL-305	Full Semester
Section 86500 combines online instruction and mandatory on-campus meetings on Monday 8/25, 9/29, 10/27, 11/24 from 3:00-4:50pm in SAC VL-305. Students are required to log on to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Attendance at first class meeting is mandatory.					
H 86511	6:00p-8:00p	F	Griffin A Griffin A	SAC HYBRID SAC VL-110	09/26-12/12
Section 86511 combines online instruction plus mandatory on campus meetings on Friday 9/26, 10/24, 11/14, 12/12 from 6-8:00pm in SAC VL-110. Students are required to log on to Blackboard on the first day of class at <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor the first week of class. ( <a href="mailto:griffin_alice@sac.edu">griffin_alice@sac.edu</a> ).					
86470	7:00a-9:05a	MW	Mijares J	SAC I-207	Full Semester
86509	7:30a-11:45a	Tu Th	Mitzner R	SAC VL-311	08/26-10/16
Section 86509 is an Express to Success course. Recommend enrollment in first eight weeks section 86758 ENGL 102. See the Express to Success program page in the class schedule for more information.					
86472	8:00a-10:05a	MW	Axtell C	SAC VL-304	Full Semester
86475	8:00a-10:05a	MW	Sosta R	SAC VL-312	Full Semester
86474	8:30a-10:35a	MW	Missakian I	SAC B-4	Full Semester
86489	9:00a-11:05a	Tu Th	Simmerman S	SAC A-214	Full Semester
86493	9:00a-1:15p	F	Muniz E	SAC VL-208	Full Semester
W 86510	9:00a-1:15p	Sa	Ozima M	SAC VL-109	Full Semester
86508	9:00a-1:30p	Tu Th	Higgins M	SAC VL-307	10/21-12/11
Section 86508 is an Express to Success course. Recommend enrollment in first eight weeks section 86455 ENGL 061. See the Express to Success program page in the class schedule for more information.					
W 86495	9:00a-1:15p	Sa	Higgins C	SAC I-106	Full Semester
86506	9:00a-1:15p	MW	Ramshaw C	SAC I-104	10/20-12/10
Section 86506 is an Express to Success course. Recommend enrollment in first eight weeks section 86446 ENGL 061. See the Express to Success program page in the class schedule for more information.					
86473	9:45a-11:50a	Tu Th	Bromberger K	SAC I-207	Full Semester
86464	11:30a-1:35p	Tu Th	Bassett D	SAC I-106	Full Semester
Section 86464 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 86296. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
86496	11:30a-1:35p	MW	Rocke B	SAC VL-304	Full Semester
86498	11:30a-1:35p	MW	Staff	SAC I-106	Full Semester
86507	12:00p-4:15p	MW	Higgins M	SAC VL-106	10/20-12/10
Section 86507 is an Express to Success course. Recommend enrollment in first eight weeks section 86452 ENGL 101. See the Express to Success program page in the class schedule for more information.					
86504	12:45p-2:50p	Tu Th	Rocke B	SAC VL-301	Full Semester
86487	1:00p-3:05p	MW	Martinez Guzman D	SAC VL-209	Full Semester
86488	1:15p-3:20p	MW	Kabaji N	SAC VL-303	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](http://www.sccollege.edu/schedule)  
**Hurry! Class sizes are limited.**

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
86480	1:15p-5:30p	Tu	Greenberg H	SAC VL-207	Full Semester
86481	1:15p-3:20p	M W	Friedman K	SAC VL-308	Full Semester
86482	1:15p-5:30p	Th	Bradley M	SAC I-209	Full Semester
86494	1:45p-3:50p	Tu Th	Axtell C	SAC I-109	Full Semester
86505	1:45p-3:50p	M W	Simmerman S	SAC VL-104	Full Semester
86497	2:00p-4:05p	M W	Tran M	SAC I-208	Full Semester
86513	2:15p-6:45p	Tu Th	Taylor J	SAC VL-308	10/21-12/11
86478	4:30p-6:35p	M W	Brandon K	SAC VL-309	Full Semester
86484	6:00p-10:15p	W	Reid M	SAC VL-302	Full Semester
86486	6:00p-10:15p	W	Musgrove C	SAC VL-305	Full Semester
86471	6:00p-10:15p	M	Dongell R	SAC VL-302	Full Semester
86512	6:00p-8:50p	W Th	Clark C	SAC VL-303	09/24-12/11
86503	6:00p-10:15p	M	Prothero J	SAC I-109	Full Semester

**ENGLISH 101H, HONORS FRESHMAN COMPOSITION 4.0 UNITS**

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

Prerequisite: English 061 or English for Multilingual Students 112 or Adult Basic Education 116 or qualifying profile from English placement process AND a high school or college GPA of 3.0 or above.

86514	7:30a-9:35a	Tu Th	Bassett D	SAC I-106	Full Semester
86738	10:00a-12:05p	Tu Th	Staff	SAC VL-309	Full Semester

**ENGLISH 102, LITERATURE AND COMPOSITION 4.0 UNITS**

*A second semester course in composition and literature that uses literature to develop critical thinking skills with extensive readings selected from the four major genres.*

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

H 86744	5:00p-6:50p	M	Ramshaw C	SAC HYBRID	Full Semester
			Ramshaw C	SAC VL-204	

Section 86744 combines online instruction plus mandatory on campus meetings Mondays 8/25, 9/29, 10/27, 11/24 from 5:00-6:50pm in SAC VL-204. Students are required to log on to Blackboard on the first day of class at <http://rscsd.blackboard.com>. Attendance at first class meeting is mandatory.

86758	7:30a-11:45a	Tu Th	Mitzner R	SAC VL-311	10/21-12/11
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Section 86758 is an Express to Success course. Recommend enrollment in first eight weeks in section 86509 ENGL 101. See the Express to Success program page in the class schedule for more information.

86749	10:15a-12:20p	M W	Diller J	SAC VL-303	Full Semester
86741	12:00p-2:05p	Tu Th	Martinez Guzman D	SAC VL-311	Full Semester
86764	6:00p-10:15p	Tu	Swanlund B	SAC I-202	Full Semester

**ENGLISH 102H, HONORS LITERATURE AND COMPOSITION 4.0 UNITS**

*An enriched approach designed for honors students. A second semester course in composition and literature that uses literature to develop critical thinking skills with extensive readings selected from the four major genres.*

Prerequisite: English 101 or English 101H with a minimum grade of C and a high school or college GPA of 3.0 or above.

86766	4:00p-8:15p	M	Patterson K	SAC I-201	Full Semester
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**ENGLISH 103, CRITICAL THINKING AND WRITING 4.0 UNITS**

*This course focuses on developing critical thinking, reading, and writing skills by studying established argumentative methods and models and applying them to contemporary issues. Emphasis will be on logical reasoning and analytical and argumentative skills necessary for critical writing.*

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

H 86772	5:00p-6:50p	M	Beyersdorf M	SAC HYBRID	Full Semester
			Beyersdorf M	SAC VL-305	

Section 86772 combines online instruction plus mandatory on campus meetings Mondays 8/25, 9/29, 10/27, 11/24 from 5:00-6:50pm in SAC VL-305. Students are required to log on to Blackboard on the first day of class at <http://rscsd.blackboard.com>. Email instructor first week of class ([beyersdorf\\_matthew@sac.edu](mailto:beyersdorf_matthew@sac.edu)).

W 86778	8:00a-12:15p	Sa	Diller J	SAC VL-305	Full Semester
86775	9:00a-11:05a	M W	Clark C	SAC A-207	Full Semester
86777	9:00a-1:15p	F	Swanlund B	SAC VL-304	Full Semester
86771	11:30a-1:35p	Tu Th	Diller J	SAC VL-302	Full Semester
86767	11:30a-1:35p	M W	Beyersdorf M	SAC VL-311	Full Semester
86779	2:15p-6:45p	Tu Th	Staff	SAC VL-307	10/21-12/11
86774	6:00p-10:15p	M	Arnold G	SAC VL-207	Full Semester
86768	6:00p-10:15p	Tu	Arnold G	SAC VL-106	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**ENGLISH 103H, HONORS CRITICAL THINKING AND WRITING 4.0 UNITS**

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

Prerequisite: English 101 or English 101H with a minimum grade of C and high school or college GPA of 3.0 or above.

86780	10:15a-12:20p	M W	Bennett G	SAC I-109	Full Semester
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**ENGLISH 206, INTRODUCTION TO LANGUAGE STRUCTURE AND USE 3.0 UNITS**

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

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

86806	8:00a-9:25a	M W	Jaros B	SAC VL-306	Full Semester
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**ENGLISH 231, SURVEY OF ENGLISH LITERATURE I 3.0 UNITS**

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

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

86803	7:00p-10:10p	W	Patterson K	SAC I-104	Full Semester
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**ENGLISH 242, SURVEY OF AMERICAN LITERATURE, 1865-PRESENT 3.0 UNITS**

*Survey of America's greatest works of literature and their contributions to the American culture from 1865 to present. Emphasizes the relationship between literary and intellectual history.*

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

86804	3:30p-6:50p	Tu	Bassett D	SAC I-104	Full Semester
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**ENGLISH 270, CHILDREN'S LITERATURE 3.0 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.

86807			Bennett G	SAC WEB	Full Semester
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Section 86807 online instruction. No on-campus meeting times. Students are required to log on to Blackboard on the first day of class at <http://rscsd.blackboard.com>. Email instructor first week of class. ([bennett\\_gary@sac.edu](mailto:bennett_gary@sac.edu)).

86805	1:00p-2:25p	M W	Mitzner R	SAC VL-305	Full Semester
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# ENGLISH FOR MULTILINGUAL STUDENTS

**ENGLISH FOR MULTILINGUAL STUDENTS 055, WRITING, GRAMMAR AND READING I 4.0 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.*

Prerequisite: Qualifying profile from ESL placement process.

86291	8:00a-11:05a	Tu Th	Simmons K	SAC L-202	Full Semester
86284	9:45a-12:50p	M W	Hassel E	SAC VL-308	Full Semester
86292	11:00a-2:05p	Tu Th	Hassel E	SAC VL-312	Full Semester
88305	12:00p-3:05p	Tu Th	Livote M	SAC V-150	Full Semester
86286	7:00p-10:05p	M W	Mowrer M	SAC VL-104	Full Semester

## FIRST CLASS MEETING

Make sure you attend the first class meeting!

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

Need help with a writing assignment for any class?  
Would tutoring help you get the grade you want?

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- Language acquisition practice

Monday–Thursday: 9:00 a.m.–7:00 p.m.  
Friday: 10:00 a.m.–2:00 p.m.

**All services are free for SAC and CEC students.**  
[learningcenter@sac.edu](mailto:learningcenter@sac.edu) & like us on Facebook.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**ENGLISH FOR MULTILINGUAL STUDENTS 107, WRITING, GRAMMAR AND**

**READING II**

**4.0 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.*

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

86299 8:00a-11:15a M Tu W Th Dwyer D SAC A-228 08/25-10/16

Section 86299 is an Express to Success course. Recommend enrollment in second eight weeks in section 88393 EMLS 109. See the Express to Success program page in the class schedule for more information.

86300 11:30a-2:35p M W Keith K SAC VL-302 Full Semester

86309 7:00p-10:05p Tu Th Mowrer M SAC VL-104 Full Semester

**ENGLISH FOR MULTILINGUAL STUDENTS 109, WRITING, GRAMMAR AND**

**READING III**

**4.0 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.*

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

86310 8:00a-11:05a M W Keith K SAC VL-307 Full Semester

86313 8:00a-11:05a Tu Th Lewis M SAC VL-302 Full Semester

88393 8:00a-11:20a M Tu W Th Dwyer D SAC A-228 10/20-12/11

Section 88393 is an Express to Success course. Recommend enrollment in first eight weeks in section 86299 EMLS 107. See the Express to Success program page in the class schedule for more information.

86314 11:00a-2:05p M W Lewis M SAC I-201 Full Semester

86356 7:00p-10:05p M W Cavina K SAC I-107 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**ENGLISH FOR MULTILINGUAL STUDENTS 110, INTRODUCTION TO THE ESSAY 3.0 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.*

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

86359 8:00a-10:05a M W Lewis M SAC VL-303 Full Semester

86366 8:00a-10:05a Tu Th Keith K SAC VL-207 Full Semester

86369 8:00a-12:15p Tu Th Hicks R SAC I-104 08/26-10/16

Section 86369 is an Express to Success course. Recommend enrollment in second eight weeks in section 86376 EMLS 112. See the Express to Success program page in the class schedule for more information.

86361 12:00p-2:05p Tu Th Dwyer D SAC I-207 Full Semester

86364 4:45p-6:50p M W Mowrer M SAC VL-104 Full Semester

88306 6:00p-10:15p M Baker E SAC I-106 Full Semester

**ENGLISH FOR MULTILINGUAL STUDENTS 112, ADVANCED COMPOSITION 3.0 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.*

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

86376 8:00a-12:50p Tu Th Hicks R SAC I-104 10/21-12/11

Section 86376 is an Express to Success course. Recommend enrollment in first eight weeks in section 86369 EMLS 110. See the Express to Success program page in the class schedule for more information.

86380 8:00a-10:05a M W Harris J SAC I-106 Full Semester

86377 11:30a-1:35p M W Harris J SAC I-208 Full Semester

86382 6:00p-10:15p W Myers D SAC VL-209 Full Semester

86383 6:00p-10:15p Th Beasley J SAC VL-205 Full Semester

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## SANTA ANA COLLEGE ENGLISH FOR MULTILINGUAL STUDENTS (EMLS)

EMLS/ESL courses are offered by the English/ESL Dept. to serve bilingual, multilingual, and non-native speakers of English who need to improve their writing skills before enrolling in English 101. These courses address such areas as vocabulary, advanced sentence construction and writing fluency in paragraphs and essays.

Students who took ELD (English Language Development) classes in high school and studied regular English only in their senior year should take the TELD test (Test of English Language Development) to determine their college placement.

Students enrolled in EMLS courses should also enroll in a Reading class and possibly a Communication Studies class to enhance their writing and communication skills.

EMLS courses address writing problems that are common to bilingual students. EMLS 110 and EMLS 112, unlike English N60 and 061, are transferable to some California State University campuses as electives.

Placement into any of these courses is based on the student's test score and qualifying profile OR completion of the previous course with a grade of A,B,C, or P.

ESL/EMLS COURSE	COMMUNICATION STUDIES COURSE	READING COURSE
<b>INTERMEDIATE LEVEL COURSES</b>		
CEC Transfers often place here → EMLS 055	Communication Studies N52A	Reading N50 or N80
EMLS 107	Communication Studies N52AB	Reading N80
High School Grads often place here → EMLS 109	Communication Studies 096, 097 or N53	Reading N90
<b>ADVANCED LEVEL COURSES</b>		
EMLS 110	Communication Studies 096, 097 or N53	Reading N90 or 102
EMLS 112	Communication Studies N50	Reading 102
<b>FRESHMAN COMPOSITION</b>		
English 101	Communication Studies 101 or 102	Reading 150

EMLS 110 and 112 are CSU transferable.

# ENTREPRENEURSHIP

## ENTREPRENEURSHIP 100, INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP

3.0 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.

**Q** 87884 Doolittle G SAC WEB 10/20-12/12  
Section 87884 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

87885 6:00p-9:10p M Vonheim E SAC A-207 Full Semester

## ENTREPRENEURSHIP 101, ENTREPRENEURS AND SUCCESS

1.0 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.

**OR** 87886 6:00p-10:00p Tu Thomason G SAC A-207 08/26-09/16

## ENTREPRENEURSHIP 102, ENTREPRENEURIAL IDEAS AND CREATIVITY

1.0 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.

**OR** 87887 6:00p-10:00p Tu Kikawa E SAC A-225 09/23-10/14

## ENTREPRENEURSHIP 103, INNOVATIONS AND OPPORTUNITIES

2.0 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.

**H** 87888 6:00p-10:10p Tu Hobbs R SAC HYBRID 10/21-12/09  
**OR** Hobbs R SAC A-207

Section 87888 online instruction plus mandatory on-campus meetings on Tuesdays: 10/21, 10/28, 11/04, 11/18, 11/25, 12/02, 12/09 at 6:00pm to 10:00pm in A-207. Make sure your current email is in personal information.

## ENTREPRENEURSHIP 104, BUSINESS MODELS

2.0 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.

**OR** 87889 6:00p-10:00p Th Fisher T SAC A-207 08/28-10/16

## ENTREPRENEURSHIP 105, SOCIAL MEDIA, BOOTSTRAPPING, AND MARKET VALIDATION

2.0 UNITS

Learn the latest Social Media & Bootstrap Marketing strategies & techniques. Discover how to do more with marketing while spending less. Learn what you need to know about your customer and your market by designing a sound research strategy. Discover how to implement a market validation strategy.

**H** 87890 6:00p-10:00p Th Vonheim E SAC HYBRID 10/23-12/11  
87890 Vonheim E SAC A-207

Section 87890 on line instruction combined with mandatory on-campus meetings every Thurs, 6:00p-10:00p, SAC A-207. Make sure your current email is in personal information.

## ENTREPRENEURSHIP 120, INTRODUCTION TO WORKING AS A FREELANCE INDEPENDENT CONTRACTOR

1.0 UNIT

Learn the freelancer mindset. Learn how to work where you want, when you want and how you want. Plan your life, your career and your business. Develop your goals. Understand your personal strengths and skills. Learn how to turn your strengths and skills into viable, sustainable businesses by finding what is unique about you and turning that uniqueness into a personal brand.

**Q** 87913 Carr B SAC WEB 08/25-09/05  
Section 87913 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

## ENTREPRENEURSHIP 121, PEOPLE SKILLS FOR THE FREELANCER

1.0 UNIT

Learn "people skills" also known as "soft skills" - communication skills, technological skills, negotiation skills and presentation skills needed to be successful as a freelance independent contractor. Develop your soft skills and selling skills to compete for business and keep customers happy.

**Q** 87915 Kowsari A SAC WEB 09/08-09/19  
Section 87915 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

## ENTREPRENEURSHIP 122, OPPORTUNITIES IN FREELANCE INDUSTRIES AND TRADES

1.0 UNIT

Learn how to spot opportunities within a trade and industry. Learn how to network and connect within a trade and industry in order to get business and get mentors. Learn to understand the competitive economic landscape within a trade or industry. Develop opportunities into a viable, sustainable business. Understand how to travel and work in a global economy.

**Q** 87917 Macias V SAC WEB 09/22-10/03  
Section 87917 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

## ENTREPRENEURSHIP 123, MARKETING TO ATTRACT CUSTOMERS AND GROW YOUR FREELANCE BUSINESS

1.0 UNIT

Learn marketing as it applies to the freelance independent contractor. Learn market research, business development, branding, pricing, promotion, advertising, social media, sales, distribution and customer service. Understand how to identify and sell to a niche market. Learn how to market on a limited budget. Learn how to market yourself online.

**Q** 87918 Vonheim E SAC WEB 10/06-10/17  
Section 87918 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

## ENTREPRENEURSHIP 124, SURVIVAL FINANCE AND ACCOUNTING FOR THE FREELANCER-SHOW ME THE MONEY

1.0 UNIT

Learn personal finance, business finance and basic accounting. Learn financial survival tips for the freelancer. Understand sources of financing, cash and cash flow, QuickBooks, financial statements, pricing and profits, getting paid, accounts receivables and payables, record keeping, budgeting and taxes. Understand how to open and operate your business on a limited budget.

**Q** 87921 McCallick M SAC WEB 10/20-10/31  
Section 87921 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

## ENTREPRENEURSHIP 125, LAUNCH YOUR FREELANCE BUSINESS

1.0 UNIT

Learn how to launch a freelance business. Set-up and manage your operations. Learn about office locations, business licenses, insurance, government regulations, lawyers, entity formation, intellectual property, health insurance, work-life balance, leadership, teamwork, management and human resources. Topics include managing yourself, managing others and working with subcontractors.

**Q** 87923 Todaro D SAC WEB 11/03-11/14  
Section 87923 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

# ENVIRONMENTAL STUDIES

## ENVIRONMENTAL STUDIES 140, ENVIRONMENTAL GEOLOGY

3.0 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).

87935 11:30a-12:55p Tu Th Hughes P SAC R-111 Full Semester

## ENVIRONMENTAL STUDIES 200, ENVIRONMENT OF MAN

3.0 UNITS

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

87638 10:30a-11:55a Tu Th Gray V SAC R-318 Full Semester

# WORK:

When YOU want  
How YOU want  
Where YOU want



The new SAC Freelancer Certificate:  
business bootcamp, two week classes,  
fully online.

ENTR 120, 121, 122, 123, 124, 125

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## ETHNIC STUDIES

ETHNIC STUDIES 101, INTRODUCTION TO ETHNIC STUDIES				3.0 UNITS
<i>Historical and cultural survey of ethnic groups and relations in the U.S. among Euro-Americans, Native Americans, Asian Pacific Americans, African Americans, and Mexican Americans/Latinos from the pre-Columbian period to the present.</i>				
86832	11:15a-12:40p	MW	Valles R	SAC I-103 Full Semester
86833	7:00p-10:10p	M	Herrera Thomas H	SAC VL-309 Full Semester

### Ethnic Studies Degree Courses

COURSE	DESCRIPTION
ANTH 101	Introduction to Cultural Anthropology OR
ANTH 101H	Honors Introduction to Cultural Anthropology
ASIA 101	Introduction to Asian American Studies
CHST 101	Introduction to Chicano Studies
ETHN 101	Introduction to Ethnic Studies OR
ETHN 101H	Honors Introduction to Ethnic Studies
ETHN 102	The Borderlands: Cultural Context and Intercultural Relations OR
ETHN 102H	Honors The Borderlands: Cultural Context and Intercultural Relations
PSYC 100	Introduction to Psychology OR
PSYC 100H	Honors Introduction to Psychology (some sections of interest to Black, Asian-American, and Chicano Studies)

A minimum of six (6) units (but, no more than three (3) units from any one discipline) taken from the following list: Anthropology 104 or 104H, 105, 125; Art 103, 104, 106; Dance 105, 112; English 104 or 104H, 245, 246; History 101 or 101H, 102 or 102H, 105, 123, 124 or 124H, 125, 146, 150, 151, 153, 160, 161, 181; Human Development 221; Music 102 or 102H, 103; Sociology 100 or 100H

## FASHION DESIGN MERCHANDISING

FASHION DESIGN MERCHANDISING 005, FASHION LABORATORY				0.5 - 1.0 UNITS
<i>Supervised use of the fashion laboratory. Lab hours vary by sign-in. Twenty-four hours laboratory per 0.5 units.</i>				
Prerequisite: Concurrent enrollment in any Fashion Design Merchandising course.				
Open Entry / Open Exit				

89234	12:15p-5:30p	Th	Benson K	SAC T-201 Full Semester
89208	5:45p-9:35p	Th	Silvers L	SAC T-201 Full Semester
89252	6:00p-8:55p	W	Wilkes J	SAC T-201 Full Semester

FASHION DESIGN MERCHANDISING 005A, FASHION LABORATORY				0.5 - 1.0 UNITS
<i>Advanced level of supervised use of the fashion laboratory. Lab hours vary by sign-in. Sixteen hours laboratory per 0.5 unit.</i>				
Open Entry / Open Exit				

W 89210	9:00a-2:25p	W	Silvers L	SAC T-201 Full Semester
89244	10:00a-1:40p	Sa	Wilkes J	SAC T-201 Full Semester
89254	10:00a-1:10p	W	Benson K	SAC T-213 Full Semester

FASHION DESIGN MERCHANDISING 052, KNIT SEWING				2.0 UNITS
<i>Knit and stretch construction techniques to sew lingerie, bathing suits, jogging attire and knit shirts.</i>				
89212	5:45p-9:35p	Th	Silvers L	SAC T-201 Full Semester

FASHION DESIGN MERCHANDISING 053, INTRODUCTION TO SEWING				2.0 UNITS
<i>Basics in sewing; how to use the sewing machine, understanding pattern terms and tools and constructing basic samples, skirts, and shirts.</i>				
W 89247	10:00a-1:40p	Sa	Wilkes J	SAC T-201 Full Semester

FASHION DESIGN MERCHANDISING 055, CHILDREN'S CLOTHING				2.0 UNITS
<i>Quick basic sewing techniques. Emphasis on individualizing designs to create a variety of functional, durable children's garments.</i>				
89251	6:00p-8:55p	W	Wilkes J	SAC T-201 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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REGISTER EARLY—SPACE IS LIMITED

## Fashion Design and 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 104, Textile Fibers and Fabrics  
FDM 105A, Beginning Sewing (if non-sewer)  
FDM 111A, Fashion Illustration Techniques

**EXPERIENCED STUDENTS / INDUSTRY WORKERS:**

Computer classes on Tuka Tek System!  
FDM 109, Flat Pattern Techniques  
FDM 112, Advanced Flat Pattern Marking  
FDM 214, Tech-Packs for Manufactured Apparel

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

FASHION DESIGN MERCHANDISING 100, INTRODUCTION TO FASHION				3.0 UNITS
<i>Traces and analyzes the fashion industry, trends, and designers from socio-economic, political, technological, and global influences; emphasis on current fashion careers.</i>				
89226	9:00a-12:10p	Th	Benson K	SAC T-201 Full Semester
89242	6:00p-9:10p	M	Minjares L	SAC T-201 Full Semester

FASHION DESIGN MERCHANDISING 103, FASHION SELECTION				3.0 UNITS
<i>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.</i>				
89227	2:30p-5:40p	W	Libolt R	SAC T-201 Full Semester

FASHION DESIGN MERCHANDISING 104, TEXTILE FIBERS AND FABRICS				3.0 UNITS
<i>A study of textile fibers and fabrics, their selection, identification, use and care for wearing apparel and home furnishings.</i>				
89229	10:00a-2:00p	Tu	Benson K	SAC T-201 Full Semester

FASHION DESIGN MERCHANDISING 105A, BEGINNING SEWING				3.0 UNITS
<i>Construction techniques for beginners with emphasis on learning how to use the sewing machine and reading a pattern. Students will construct a skirt, shirt, lined garment, and a compilation of 50 construction techniques. Students will learn to select fabrics, fit patterns, and basic sewing skills.</i>				
89230	9:00a-2:25p	W	Silvers L	SAC T-201 Full Semester
89235	12:15p-5:30p	Th	Benson K	SAC T-201 Full Semester

FASHION DESIGN MERCHANDISING 105B, INTERMEDIATE SEWING				2.0 UNITS
<i>Follow-up of Fashion Design Merchandising 053 and 105A, Beginning Sewing. Coordination of woven fabrics and pattern fitting in construction of class projects such as pants, dress shirts, and unlined jackets.</i>				
89233	9:00a-12:40p	W	Silvers L	SAC T-201 Full Semester

FASHION DESIGN MERCHANDISING 109, FLAT PATTERN TECHNIQUES				3.5 UNITS
<i>Students will learn to use flat pattern basic block for pivoting and spreading methods to transfer trade sketches into first pattern outfits and dresses. Students will be required to sew their sample garments. Suggested preparation: Fashion Design Merchandising 105A and 105B.</i>				
89236	9:00a-2:25p	F	Benson K	SAC T-201 Full Semester

FASHION DESIGN MERCHANDISING 111A, FASHION ILLUSTRATION TECHNIQUES				3.0 UNITS
<i>Application of the basic techniques of drawing fashion and garment trade sketches. Students will use current fashion industry design software along with pencils and markers.</i>				
89240	9:00a-11:40a	MW	Benson K	SAC T-213 Full Semester

FASHION DESIGN MERCHANDISING 112, ADVANCED FLAT PATTERN MARKING				3.5 UNITS
<i>Flat pattern drafting techniques applied to completing basic blocks and first patterns for pants and lined blazers/coats. Students are required to sew their sample garments. Suggested preparation: Fashion Design Merchandising 053 or 105A and 105B.</i>				
89238	9:00a-2:10p	F	Benson K	SAC T-201 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**FASHION DESIGN MERCHANDISING 214, TECH-PACKS FOR MANUFACTURED APPAREL 3.0 UNITS**

Introduction and application of garment industry manufacturing processes using production equipment to mass produce a consumer targeted product. Included are techniques in building a tech-pack, garment knock-offs, pattern adjustments, appropriate fit, and grading techniques. Suggested preparation: Fashion Design Merchandising 105A, 111A, and 109.

89253	6:00p-9:10p	Tu	Bryant C	SAC T-213	Full Semester
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**FASHION DESIGN MERCHANDISING 299, COOPERATIVE WORK EXPERIENCE EDUCATION 1.0 - 4.0 UNITS**

Supervised fashion field experience with new tasks in major. Students can earn 1 unit of credit for 60 hours worked up to 240 hours for 4 units.

Prerequisite: 12 units of Fashion Design Merchandising courses completed.

89255	7:45a-8:45a	Th	Benson K	SAC T-213	Full Semester
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Section 89255 will have 5 mandatory on-campus meetings on Thurs, 08/28, 09/11, 10/09, 11/13 and 12/11 from 07:45a-08:45a, SAC T-213.

## FIRE ACADEMY

**FIRE ACADEMY 007, ORIENTATION AND PHYSICAL FITNESS 2.5 UNITS**

An orientation and physical fitness course to include introduction to the Basic Fire Academy, rules and regulations, procedures, safety and participation in physical fitness program.

Prerequisite: Concurrent enrollment in Fire Academy 050 or 060.

88658	8:15a-8:35a	M W F	Argo R	JPT-CN	08/25-12/06
	6:00a-8:15a	M W F	Argo R	JPT-CN	

**FIRE ACADEMY 008, FIREFIGHTER I PHYSICAL ABILITY EXAMINATION 0.1 UNIT**

Designed to assess fire specific physical ability requirements. Successful completion of this course is required for entrance into the basic fire academy FAC060.

88671	7:30a-9:30a	Su	Sneddon M	JPT-CN	09/14-09/14
	9:30a-11:30a	Su	Sneddon M	JPT-CN	
88672	7:30a-9:30a	Su	Sneddon M	JPT-CN	10/05-10/05
	9:30a-11:30a	Su	Sneddon M	JPT-CN	
88674	7:30a-9:30a	Su	Sneddon M	JPT-CN	10/26-10/26
	9:30a-11:30a	Su	Sneddon M	JPT-CN	
88676	7:30a-9:30a	Su	Sneddon M	JPT-CN	11/23-11/23
	9:30a-11:30a	Su	Sneddon M	JPT-CN	

**IRE ACADEMY 018B, BEGINNING FIRE PHYSICAL ABILITY TRAINING 0.2 - 1.3 UNITS**

Students will be introduced to the events of the "Biddle" Fire Fighter Physical Ability Test (Fire Academy 008). This is a supplemental learning assistance course designed to prepare the student for participation and successful completion of FAC 008. Students will perform physical exercises using fire hose, ladders, stairs, and calisthenics, proper body mechanics, lifting techniques and physical conditioning principles.

Open Entry / Open Exit

88678	8:45a-10:45a	F	Argo R	JPT-CN	Full Semester
88679	6:00p-8:00p	W	Argo R	JPT-CN	Full Semester

**FIRE ACADEMY 018C, INTERMEDIATE FIRE PHYSICAL ABILITY TRAINING 0.2 - 1.3 UNITS**

Students will practice the individual events of the "Biddle" Fire Fighter Physical Ability Test (Fire Academy 008). This is a supplemental learning assistance course designed to prepare the student for participation and successful completion of FAC 008. Students will perform physical exercises using fire hose, ladders, stairs, and calisthenics, proper body mechanics, lifting techniques and physical conditioning principles.

Open Entry / Open Exit

88682	8:45a-10:45a	F	Argo R	JPT-CN	Full Semester
88684	6:00p-8:00p	W	Argo R	JPT-CN	Full Semester

**FIRE ACADEMY 018D, ADVANCED FIRE PHYSICAL ABILITY TRAINING 0.2 - 1.3 UNITS**

Students will practice and conditon for successful completion of the "Biddle" Fire Fighter Physical Ability Test (Fire Academy 008). This is a supplemental learning assistance course designed to prepare the student for participation and successful completion of FAC 008. Students will perform physical exercises and training circuits using fire hose, ladders, stairs, and calisthenics, proper body mechanics, lifting techniques and physical conditioning principles.

Open Entry / Open Exit

90365	8:45a-10:45a	F	Argo R	JPT-CN	Full Semester
90368	6:00p-8:00p	W	Argo R	JPT-CN	Full Semester

**FIRE ACADEMY 060, BASIC FIRE ACADEMY 12.0 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 (121L must also receive a P = pass); 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.

88668	8:45a-12:35p	M Tu W Th F Sa	Dominguez G	JPT-CN	08/25-12/06
	1:35p-5:45p	M Tu W Th F Sa	Dominguez G	JPT-CN	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## FIRE TECHNOLOGY

**FIRE TECHNOLOGY 101, FIRE PROTECTION ORGANIZATION 3.0 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.

88710	Stefano D			SAC WEB	Full Semester
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Section 88710 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class. ([stefano\\_daniel@sac.edu](mailto:stefano_daniel@sac.edu))

88711	8:30a-11:40a	M	Verdecia D	SAC A-128	Full Semester
88713	8:30a-11:40a	Tu	Busch M	SAC A-128	Full Semester
88715	12:00p-3:10p	W	Ash J	SAC A-128	Full Semester
88716	7:00p-10:10p	Tu	Offutt B	SAC W-101	Full Semester

**FIRE TECHNOLOGY 102, FIRE BEHAVIOR AND COMBUSTION 3.0 UNITS**

Fundamentals and scientific principles of fire behavior, combustible materials, extinguishing agents, hazardous and toxic materials, and fire prevention/suppression techniques.

88719	Verdecia D			SAC WEB	Full Semester
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Section 88719 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class. ([verdecia\\_david@sac.edu](mailto:verdecia_david@sac.edu))

88720	8:30a-11:40a	W	Ash J	SAC A-128	Full Semester
88722	12:00p-3:10p	Tu	Busch M	SAC A-128	Full Semester
88723	7:00p-10:10p	Th	Treanor Jr M	SAC W-101	Full Semester

**FIRE TECHNOLOGY 103, PERSONAL FIRE SAFETY 3.0 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.

88726	Horner S			SAC WEB	Full Semester
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Section 88726 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class. ([horner\\_stephen@sac.edu](mailto:horner_stephen@sac.edu))

88727	8:30a-11:40a	M	Childress D	SAC W-101	Full Semester
88728	8:30a-11:40a	Th	Mead F	SAC W-101	Full Semester
88729	7:00p-10:10p	W	Gallagher D	SAC A-128	Full Semester

**FIRE TECHNOLOGY 104, FIRE PREVENTION TECHNOLOGY 3.0 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 with minimum grade of C.

88733	Freeman S			SAC WEB	Full Semester
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Section 88733 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class. ([freeman\\_suzanne@sac.edu](mailto:freeman_suzanne@sac.edu))

88734	8:30a-11:40a	W	Freeman S	SAC W-101	Full Semester
88736	12:00p-3:10p	Tu	Freeman S	SAC W-101	Full Semester
88739	7:00p-10:10p	Tu	Horner S	SAC A-128	Full Semester

**FIRE TECHNOLOGY 105, BLDG CONSTRUCTION FOR FIRE PROTECTION 3.0 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 with minimum grade of C.

88742	Wisikus D			SAC WEB	Full Semester
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Section 88742 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class. ([wisikus\\_dennis@sac.edu](mailto:wisikus_dennis@sac.edu))

88743	3:30p-6:40p	Tu	Busch M	SAC A-128	Full Semester
88745	3:30p-6:40p	Th	Muir J	SAC A-128	Full Semester
88748	7:00p-10:10p	Th	Muir J	SAC A-128	Full Semester

**FIRE TECHNOLOGY 106, FIRE PROTECTION EQUIPMENT AND SYSTEMS 3.0 UNITS**

Portable fire extinguishing equipment; protection systems for special hazards; sprinkler systems and fire detection and alarm systems.

Prerequisite: Fire Technology 101 and 102 with minimum grade of C.

88749	Wisikus D			SAC WEB	Full Semester
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Section 88749 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class. ([wisikus\\_dennis@sac.edu](mailto:wisikus_dennis@sac.edu))

88750	8:30a-11:40a	Tu	Freeman S	SAC W-101	Full Semester
88751	12:00p-3:10p	Th	Freeman S	SAC A-128	Full Semester
88752	7:00p-10:10p	M	Freeman S	SAC A-128	Full Semester

**Academic Planning Questions?**  
[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## FIRE TECHNOLOGY PROGRAMS

- FIRE ACADEMY 025, FITNESS FOR PUBLIC SAFETY PERSONNEL (2.0 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 (0.5-10 Units)
  - FIRE ACADEMY 063A, 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 students will have to register for class(s) on line. Should you have any difficulty or need assistance please contact the Fire Tech Office at 714-564-6404.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**FIRE TECHNOLOGY 121, PHYSICAL FITNESS FOR PUBLIC SAFETY PERSONNEL 3.0 UNITS**  
*This lecture class provides information on exercise physiology and nutrition as it relates to public safety personnel. Topics include: the components of a fitness program such as metabolic fitness, muscular fitness, body composition and flexibility. Other topic include the FITT principle, specificity and injury prevention and treatment.*  
 Prerequisite: Concurrent enrollment in Fire Technology 121L

88753	8:30a-11:40a	Th	Sneddon M	SAC A-128	Full Semester
88755	12:00p-3:10p	M	Argo R	SAC A-128	Full Semester
88758	12:00p-3:10p	W	Argo R	SAC W-101	Full Semester
88760	7:00p-10:10p	M	Argo R	SAC H-207	Full Semester
88762	7:00p-10:10p	W	Sneddon M	SAC H-207	Full Semester

**FIRE TECHNOLOGY 121L, PHYSICAL FITNESS FOR PUBLIC SAFETY PERSONNEL - PERFORMANCE AND ASSESSMENT 0.3 UNIT**  
*Student will participate in fire, fitness and nutrition specific activities. Focus is on skills and preparation for job requirements. Students will be advised of the specific dates and times for the lab/PAT sessions during first lecture period.*  
 Prerequisite: Concurrent enrollment in Fire Technology 121.

88754	11:50a-12:40p	Th	Sneddon M	SAC E-108	Full Semester
88759	3:20p-4:10p	W	Argo R	SAC E-108	Full Semester
88756	3:20p-4:10p	M	Argo R	SAC E-108	Full Semester
88763	6:00p-6:50p	W	Sneddon M	SAC E-108	Full Semester
88761	6:00p-6:50p	M	Argo R	SAC E-108	Full Semester

## FRENCH

**FRENCH 101, ELEMENTARY FRENCH I 5.0 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.*

86834	8:00a-10:30a	M W	Issa K	SAC VL-104	Full Semester
86835	8:00a-10:30a	Tu Th	Issa K	SAC VL-103	Full Semester
87434	4:15p-6:45p	Tu Th	Ernotte B	SAC VL-104	Full Semester
86836	7:00p-9:30p	M W	Nguyen M	SAC VL-103	Full Semester

**FRENCH 102, ELEMENTARY FRENCH II 5.0 UNITS**  
*A college level French course focusing on further training in pronunciation and grammar, more extensive vocabulary development, conversation and composition. Supplementary cultural readings. French 102 is equivalent to the third year of high school French.*  
 Prerequisite: French 101 or two years of high school French with a passing grade.

86896	11:00a-1:30p	M W	Issa K	SAC VL-104	Full Semester
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**FRENCH 201, INTERMEDIATE FRENCH I 5.0 UNITS**  
*A college level French class focusing on expansive review of usage and grammar; discussion in French of interpretive reading material; conversation and composition.*  
 Prerequisite: Grade of C or better in French 102 or three years of high school French.

86897	12:00p-2:30p	M W	Burkhard K	SAC I-207	Full Semester
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**FRENCH 202, INTERMEDIATE FRENCH II 5.0 UNITS**  
*A college level French class focusing on a specialized review of grammar and composition; discussions in French of history and culture based on literary materials.*  
 Prerequisite: French 201, or four years of high school French with a grade of C or better.

86898	12:00p-2:30p	M W	Burkhard K	SAC I-207	Full Semester
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## GEOGRAPHY

**GEOGRAPHY 100, WORLD REGIONAL GEOGRAPHY 3.0 UNITS**  
*The study of major world political and natural regions. Course study includes 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.*

89072	8:00a-9:25a	Tu Th	Courter W	SAC VL-109	Full Semester
89070	9:45a-11:10a	M W	Courter W	SAC VL-109	Full Semester
89069	11:30a-12:55p	M W	Courter W	SAC VL-109	Full Semester
89071	6:00p-9:10p	M	Jones K	SAC VL-109	Full Semester

**GEOGRAPHY 101, PHYSICAL GEOGRAPHY 3.0 UNITS**  
*Introduction to the physical elements of geography: maps, earth/sun relationships, meteorology and climatology, natural vegetation, soils, and geomorphology.*

86908	8:00a-9:25a	M W	Courter W	SAC VL-109	Full Semester
86906	9:45a-11:10a	Tu Th	Courter W	SAC VL-109	Full Semester
89073	11:30a-12:55p	Tu Th	Courter W	SAC VL-109	Full Semester

**GEOGRAPHY 101L, PHYSICAL GEOGRAPHY LABORATORY 1.0 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.*

86909	1:15p-4:25p	Tu	Courter W	SAC VL-109	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**GEOGRAPHY 102, CULTURAL GEOGRAPHY**

**3.0 UNITS**

An introductory survey of the geography of culture, and the influences of the physical environment on culture, along with the impact of human activity on the environment, and the role of culture within societies and social groups. The course includes global patterns of population, migration, religion, language, agriculture, politics, customs, resources, and urban and rural settlement.

87552	1:15p-4:25p	Th	Staff	SAC VL-109	Full Semester
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## GEOLOGY

**GEOLOGY 101, INTRODUCTION TO GEOLOGY**

**3.0 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.

87925	9:45a-11:10a	MW	Hughes P	SAC R-111	Full Semester
87928	9:45a-11:10a	TuTh	Hughes P	SAC R-111	Full Semester
87929	2:15p-5:25p	Tu	Hughes P	SAC R-111	Full Semester
87927	6:30p-9:40p	M	Coyne C	SAC R-111	Full Semester

**GEOLOGY 101L, INTRODUCTION TO GEOLOGY LABORATORY**

**1.0 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.

87931	9:30a-12:40p	F	Hughes P	SAC R-111	Full Semester
87933	3:00p-6:10p	Th	Coyne C	SAC R-111	Full Semester
87932	6:30p-9:40p	W	Coyne C	SAC R-111	Full Semester

**GEOLOGY 140, ENVIRONMENTAL GEOLOGY**

**3.0 UNITS**

Introduction to environmental geology, the interaction between the Earth and mankind. Global study of geologic resources, resource management, geologic hazards, and waste remediation.

87934	11:30a-12:55p	TuTh	Hughes P	SAC R-111	Full Semester
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**GEOLOGY 150, INTRODUCTION TO OCEANOGRAPHY**

**3.0 UNITS**

Introductory study of the ocean and its topography, sediments, circulation, shoreline processes, biological productivity and mineral resources. (Same as Earth Science 150).

87940	11:30a-12:55p	MW	Hughes P	SAC R-111	Full Semester
87944	7:00p-10:10p	Th	Hughes P	SAC R-111	Full Semester

**GEOLOGY 150H, HONORS INTRODUCTION TO OCEANOGRAPHY**

**3.0 UNITS**

An enriched study of the ocean's topography, sediments, circulation, shoreline processes, biological productivity and mineral resources. (Same as Earth Science 150H).

Prerequisite: High School or college G.P.A. of 3.0 or above.

87946	7:00p-10:10p	Th	Hughes P	SAC R-111	Full Semester
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**GEOLOGY 174, GEOLOGIC FIELD STUDIES OF JOSHUA TREE NATIONAL PARK**

**1.0 UNIT**

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

87938	4:00p-5:00p	F	Hughes P	FLDTRP	09/26-10/24
	4:00p-5:00p	F	Hughes P	SAC R-111	09/26-09/26
			Hughes P	SAC R-111	10/24-10/24

Section 87938 MANDATORY Pre-trip Orientation Meeting Fri, 9/26/14, 4:00p - 5:00p SAC R-111. Field trip; Fri, 10/10/14 noon thru Sun, 10/12/14 9:00p. MANDATORY Post-Trip Mtg Fri, 10/24/14, 4:00p - 5:00p SAC R-111. This class has outdoor, overnight camping.

## HISTORY

**HISTORY 101, WORLD CIVILIZATIONS TO THE 16TH CENTURY**

**3.0 UNITS**

Examines the development of world civilizations and their interrelationships from the earliest beginnings to the sixteenth century. Emphasis on basic ideas, institutions, personalities, religious traditions, and artistic achievements.

86910	8:00a-9:25a	TuTh	Staff	SAC I-109	Full Semester
86911	8:00a-9:25a	MW	Staff	SAC VL-106	Full Semester
86913	9:45a-11:10a	MW	Staff	SAC VL-305	Full Semester
86915	6:00p-9:25p	TuTh	Staff	SAC VL-311	10/21-12/11
86912	7:00p-10:10p	W	Staff	SAC VL-311	Full Semester
87435	7:00p-10:10p	Th	Staff	SAC VL-103	Full Semester

**HISTORY 102, WORLD CIVILIZATIONS SINCE THE 16TH CENTURY**

**3.0 UNITS**

Broad historical study of world civilizations and their interrelationships from the 16th century to the present. Ideas, institutions, personalities, and artistic achievements which have contributed to present-day society.

86916	9:45a-11:10a	TuTh	Staff	SAC VL-305	Full Semester
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**HISTORY 105, ANCIENT MESOAMERICAN CIVILIZATION**

**3.0 UNITS**

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

88104	7:00p-10:10p	Tu	Cheetham D	SAC VL-110	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**HISTORY 118, SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES**

**3.0 UNITS**

Examines social and cultural traditions during major historical periods. Focuses on American attitudes and response to economic and technological changes, aesthetics, music, art, language, architecture, folklore, high and popular culture.

86917	8:00a-9:25a	TuTh	Ghelfi G	SAC VL-306	Full Semester
86920	8:00a-9:25a	MW	Staff	SAC I-107	Full Semester
86918	9:45a-11:10a	MW	Ghelfi G	SAC VL-306	Full Semester
86921	7:00p-10:10p	M	Staff	SAC VL-305	Full Semester
86923	7:00p-10:10p	M	Ghelfi G	SAC VL-306	Full Semester

**HISTORY 120, THE UNITED STATES TO 1865**

**3.0 UNITS**

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

86927			Guzman K	SAC WEB	Full Semester
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Section 86927 online instruction. No on-campus meeting times.

Students are required to log-on to Blackboard on the first day of class at

<http://rsccd.blackboard.com>. Email instructor first week of class. Email instructor first week of class. ([guzman\\_kristen@sac.edu](mailto:guzman_kristen@sac.edu)).

86931			Staff	SAC WEB	Full Semester
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Section 86931 online instruction. No on-campus meeting times. Students are required to log-on to Blackboard on the first day of class at <http://rsccd.blackboard.com>. Email instructor first week of class. ([instructor@sac.edu](mailto:instructor@sac.edu))

86924	8:00a-9:25a	MW	Ghelfi G	SAC VL-208	Full Semester
86925	8:00a-9:25a	TuTh	Staff	SAC VL-309	Full Semester
86926	9:45a-11:10a	TuTh	Ghelfi G	SAC VL-208	Full Semester
86928	9:45a-11:10a	MW	Guzman K	SAC I-208	Full Semester
86930	1:15p-2:40p	TuTh	Staff	SAC VL-105	Full Semester
86933	1:30p-4:50p	TuTh	Staff	SAC VL-306	10/21-12/11
86932	5:30p-6:55p	MW	Staff	SAC VL-304	Full Semester

**HISTORY 121, THE UNITED STATES SINCE 1865**

**3.0 UNITS**

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

86937			Staff	SAC WEB	Full Semester
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Section 86937 online instruction. No on-campus meeting times. Students are required to log-on to Blackboard on the first day of classes:

<http://rsccd.blackboard.com>. Email instructor first week of class. Email instructor first week of class. ([instructor@sac.edu](mailto:instructor@sac.edu)).

86934	11:30a-12:55p	MW	Ghelfi G	SAC VL-306	Full Semester
86940	1:00p-4:10p	TuTh	Ghelfi G	SAC VL-305	08/26-10/16
86951	1:00p-4:10p	MW	Staff	SAC VL-306	10/20-12/10
86946	6:00p-9:25p	F	Staff	SAC I-109	10/24-12/13
	9:00a-12:25p	Sa	Staff	SAC I-109	
86935	7:00p-10:10p	W	Staff	SAC I-109	Full Semester

**HISTORY 124, MEXICAN-AMERICAN HISTORY IN THE UNITED STATES**

**3.0 UNITS**

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

86962	8:00a-9:25a	TuTh	Veyna A	SAC VL-305	Full Semester
86970	9:00a-12:10p	F	Staff	SAC VL-309	Full Semester
86960	9:45a-11:10a	TuTh	Veyna A	SAC VL-304	Full Semester
86956	9:45a-11:10a	TuTh	Guzman K	SAC I-201	Full Semester
86952	11:30a-12:55p	TuTh	Guzman K	SAC I-208	Full Semester
86961	11:30a-12:55p	MW	Guzman K	SAC I-107	Full Semester
86955	12:30p-1:55p	MW	Veyna A	SAC VL-103	Full Semester
86964	12:30p-1:55p	TuTh	Veyna A	SAC VL-104	Full Semester
86971	2:00p-5:20p	TuTh	Staff	SAC VL-302	10/21-12/11
86954	7:00p-10:10p	Th	Staff	SAC VL-105	Full Semester

**HISTORY 127, WOMEN IN U.S. HISTORY**

**3.0 UNITS**

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

86975	8:00a-9:25a	MW	Veyna A	SAC VL-103	Full Semester
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**HISTORY 150, LATIN AMERICAN CIVILIZATION TO INDEPENDENCE**

**3.0 UNITS**

A study of Latin American civilization from the Indian, African, and European origins to Independence. Topics include native cultures, Spanish and Portuguese colonialism, the evolution of regional societies, and intellectual trends.

86979	6:00p-9:10p	W	Staff	SAC VL-109	Full Semester
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**HISTORY 153, HISTORY OF MEXICO**

**3.0 UNITS**

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.

86982	9:45a-11:10a	MW	Veyna A	SAC VL-103	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>HISTORY 181, SURVEY OF CHICANA/LATINA WOMEN'S HISTORY 3.0 UNITS</b>					
<i>Survey of the historical roots of modern-day Chicana/Latina women. Course will discuss women in pre-columbian America, colonial women in Mexico and the Southwest U.S., as well as Chicana/Latina women in a national/international context, labor, and culture.</i>					
86983	7:00p-10:10p	Th	Veyna A	SAC I-101	Full Semester

## HUMAN DEVELOPMENT

<b>HUMAN DEVELOPMENT 070, EARLY CHILDHOOD EDUCATION: INTRODUCTORY PRINCIPLES &amp; PRACTICES (DS3) 3.0 UNITS</b>					
<i>Bilingual (Spanish/English) course designed to introduce Spanish speaking students who are considering a career as teachers or aides to the scope of early childhood education. This class meets state licensing requirements for aides and limited-English caregivers in Early Childhood Education programs. Suggested Preparation: Beginning ESL 2.</i>					
86881	6:30p-9:40p	W	Castellon M	SAC V-151	Full Semester
Section 86881 is a bilingual Spanish/English course designed to introduce Spanish speaking students who are considering a career as teachers or aides to the scope of early childhood education.					

<b>HUMAN DEVELOPMENT 107, CHILD GROWTH AND DEVELOPMENT (DS1) 3.0 UNITS</b>					
<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>					
86882			Valdez S	SAC WEB	Full Semester
Section 86882-online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class. ( <a href="mailto:valdez_susanne@sac.edu">valdez_susanne@sac.edu</a> )					

86888	8:00a-11:10a	F	Pugh J	SAC V-151	Full Semester
86887	9:00a-10:25a	M W	Pugh J	SAC V-151	Full Semester
89166	9:00a-10:25a	Tu Th	Staff	SAC B-4	Full Semester
89167	9:00a-12:10p	Th	Staff	SAC A-206	Full Semester
86883	6:30p-9:40p	Tu	Torres B	SAC H-207	Full Semester
Section 86883 is part of the bilingual Spanish/English Teacher Associate Certificate and is designed for non-native English speakers. Concurrent enrollment in ESL/EMLS classes required. Students need to take the English placement test before the first class meeting. Contact the SAC Testing Center (714-564-6148) for test schedule.					
86886	6:30p-9:40p	Tu	Pugh J	SAC H-201	Full Semester
89158	7:00p-10:10p	Th	Staff	SAC V-151	Full Semester

<b>HUMAN DEVELOPMENT 108A, OBSERVATION AND ASSESSMENT FOR EARLY LEARNING AND DEVELOPMENT 3.0 UNITS</b>					
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<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).					
89159	11:00a-2:10p	Tu	Staff	SAC V-151	Full Semester
89160	6:30p-9:40p	W	Wahl S	SAC H-201	Full Semester
89161	6:30p-9:40p	M	Staff	SAC F-102	Full Semester
89162	6:30p-9:40p	M	Isais E	SAC VL-308	Full Semester
Section 89162 is part of the bilingual Spanish/English Teacher Associate Certificate and designed for non-native English speakers. Concurrent enrollment in ESL/EMLS classes required. Students need to take the English placement test before the first class meeting. Contact the SAC Testing Center (714-564-6148) for test schedule.					

<b>HUMAN DEVELOPMENT 110, CHILD, FAMILY AND COMMUNITY (DS2) 3.0 UNITS</b>					
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<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>					
89163	11:00a-12:25p	M W	Staff	SAC V-151	Full Semester
89169	11:00a-2:10p	Th	Staff	SAC V-151	Full Semester
89164	6:30p-9:40p	M	Maertzweiler Laney M	SAC I-106	Full Semester
89165	6:30p-9:40p	M	Moran M	SAC H-201	Full Semester
Section 89165 is part of the bilingual Spanish/English Teacher Associate Certificate and designed for non-native English speakers. Concurrent enrollment in ESL/EMLS classes required. Students need to take the English placement test before the first class meeting. Contact the SAC Testing Center (714-564-6148) for test schedule.					
89168	6:30p-9:40p	W	Kimmel M	SAC I-206	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>HUMAN DEVELOPMENT 111A, PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN 3.0 UNITS</b>					
<i>This course examines the underlying historical and theoretical principles, and the developmentally appropriate practices of early childhood programs and environments. Emphasis 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).</i>					
89172	9:00a-12:10p	W	Staff	SAC V-150	Full Semester
89170	6:30p-9:40p	Tu	Staff	SAC V-150	Full Semester
89171	6:30p-9:40p	Tu	Staff	SAC V-151	Full Semester
Section 89171 is part of the bilingual Spanish/English Teacher Associate Certificate and designed for non-native English speakers. Concurrent enrollment in ESL/EMLS classes required. Students need to take the English placement test before the first class meeting. Contact the SAC Testing Center (714-564-6148) for test schedule.					

<b>HUMAN DEVELOPMENT 111B, INTRODUCTION TO CURRICULUM FOR YOUNG CHILDREN 3.0 UNITS</b>					
<i>This course presents an overview of knowledge and skills needed to provide developmentally appropriate curriculum for young children. Students will examine the teacher's role in supporting development, fostering the joy of learning and creativity through the essential role of play. Content areas include language/literacy, social/emotional/sensory learning, art, music, math, science, health/safety, and motor development. Prerequisite: Human Development 108A and Human Development 111A with a minimum grade of C. Negative TB Test.</i>					
89174	6:30p-9:40p	Th	Staff	SAC F-103	Full Semester

<b>HUMAN DEVELOPMENT 112, HEALTH, SAFETY AND NUTRITION FOR CHILDREN 3.0 UNITS</b>					
<i>This course examines the regulations, policies, procedures and best practices for early childhood curriculum related to health, safety, food, and nutrition while supporting child development through everyday planning and school programming. The importance of collaboration between families and health and school professionals to ensure physical and mental health of all children, families, and professionals will be explored. Students must show proof of negative TB test results. Field trips to local child development centers may be included. Suggested preparation: Six units of human development classes</i>					

86884	9:30a-12:30p	Sa	Valdez S Valdez S	SAC HYBRID SAC V-151	Full Semester
Section 86884 combines online instruction plus mandatory on-campus meetings on Sat, 08/30, 10/04, 11/15, 12/06 from 9:30am-12:30pm, SAC V-151. Email instructor first week of class. ( <a href="mailto:valdez_susanne@sac.edu">valdez_susanne@sac.edu</a> )					

<b>HUMAN DEVELOPMENT 116A, INFANT/TODDLER GROWTH AND DEVELOPMENT (DS4) 3.0 UNITS</b>					
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<i>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.</i>					
89175	6:30p-9:30p	W	Staff	SAC V-150	Full Semester
Section 89175 has 6 hours arranged per semester.					

<b>HUMAN DEVELOPMENT 200, COMPUTER LITERACY FOR EARLY CHILDHOOD EDUCATORS 3.0 UNITS</b>					
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<i>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.</i>					
OER 89176	7:30p-10:40p	Th	Naman T	SAC T-203-1	Full Semester
86885	9:00a-12:10p	W	Valdez S	SAC T-203-1	Full Semester

<b>HUMAN DEVELOPMENT 205, EXCEPTIONALITY AND SPECIAL NEEDS IN HUMAN DEVELOPMENT 3.0 UNITS</b>					
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<i>Study of diseases and disorders found in children resulting in exceptionality, including intellectual disability; visual, speech, and hearing impairments; behavior disorders, learning disabilities and physical and health impairments.</i>					
89182	9:00a-10:25a	M W	Holmes A	SAC F-103	Full Semester
89177	6:00p-9:10p	Tu	Silverman L	SAC I-206	Full Semester

<b>HUMAN DEVELOPMENT 215, ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS: LEVEL 1 (DS6) 3.0 UNITS</b>					
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<i>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.</i>					
89183	6:00p-10:10p	Th	Oliveira-Foster C	SAC V-150	08/28-10/16
	8:00a-4:00p	Sa	Oliveira-Foster C	SAC V-150	
Section 89183 will also meet on Sat, 09/06 and 10/04 from 8:00a-4:00p, SAC V-150.					

**Online Counseling Now Available!**  
[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**HUMAN DEVELOPMENT 216, ADMINISTRATION OF EARLY CHILDHOOD**

**PROGRAMS: LEVEL II (DS6)**

**3.0 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.

W	89185	6:00p-10:30p	Th	Oliveira-Foster C	SAC V-150	10/23-12/11
		8:00a-4:45p	Sa	Oliveira-Foster C	SAC V-150	

Section 89185 will also meet on Sat, 10/25 and 11/22 from 08:00a-4:45p, SAC V-150.

**HUMAN DEVELOPMENT 220, THE CHILD AS VICTIM**

**3.0 UNITS**

Exploration of battered, molested and neglected children from five vantage points: child, law, parents, social services and educator.

86889	9:00a-10:25a	Tu Th		Pugh J	SAC V-151	Full Semester
86890	7:00p-10:10p	Th		Pugh J	SAC H-201	Full Semester

**HUMAN DEVELOPMENT 221, TEACHING IN A DIVERSE SOCIETY**

**3.0 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.

89196	1:00p-4:10p	M		Robinson K	SAC I-101	Full Semester
89199	6:30p-9:40p	M		Robinson K	SAC V-150	Full Semester

**HUMAN DEVELOPMENT 231, DEVELOPING LANGUAGE AND LITERACY IN YOUNG CHILDREN**

**3.0 UNITS**

Designed to introduce students to basic concepts of first and second language acquisition and literacy in young children including classroom applications.

89200	6:30p-9:40p	Tu		Wahl S	SAC I-109	Full Semester
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**HUMAN DEVELOPMENT 298A, PRACTICUM IN EARLY CHILDHOOD PROGRAMS**

**3.5 UNITS**

Under guided supervision in a RSCCD Child Development Center or approved mentor site, students will demonstrate competency in connecting theory to practice, and enhance professional-behaviors. Students will plan and implement child-centered, play-oriented approaches to teaching, learning, and assessment. Knowledge of curriculum content areas will be emphasized as students design, implement, and evaluate positive experiences for young children.

Prerequisite: Human Development 111B. This is a Capstone Course to be taken after all other courses in this major (Courses include: Human Development 107, 108A, 110, 111A, 111B, 112, 200, 221, 231). Negative TB Test.

89202	6:00p-8:10p	Tu		Valdez S	SAC V-116	Full Semester
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Section 89202 has 5 hours arranged per week.

**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.

89205	6:00p-8:10p	Tu		Valdez S	SAC V-116	Full Semester
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Section 89205 has 5 hours arranged per week.

## INTERDISCIPLINARY STUDIES

**INTERDISCIPLINARY STUDIES 121, HUMANITIES THROUGH THE ARTS**

**3.0 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.

86451				Staff	SAC WEB	Full Semester
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Section 86451 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>

**INTERDISCIPLINARY STUDIES 155, HUMAN SEXUALITY**

**3.0 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.

87729	11:00a-12:25p	Tu Th		Marino V	SAC R-124	Full Semester
87730	7:00p-10:10p	W		Barrett E	SAC R-124	Full Semester

## ITALIAN

**ITALIAN 120, ELEMENTARY ITALIAN I**

**5.0 UNITS**

Pronunciation, grammar, speaking, reading, listening, writing, common idioms and cultural insights. Italian 120 is equivalent to 2 years of high school Italian.

87621	12:00p-2:30p	M W		Mehr M	SAC VL-309	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## JAPANESE

**JAPANESE 101, ELEMENTARY JAPANESE I**

**5.0 UNITS**

A college level Japanese course focusing on fundamentals of pronunciation and grammar, basic vocabulary (including common idioms) simple conversation and composition. Supplementary cultural readings. Japanese 101 is equivalent to two years of high school Japanese.

87335	8:00a-10:30a	Tu Th		Brenish S	SAC A-213	Full Semester
87334	11:00a-1:30p	M W		Ito M	SAC A-226	Full Semester

## KINESIOLOGY ACTIVITIES

**KINESIOLOGY ACTIVITIES 107A, BEGINNING BADMINTON**

**1.0 UNIT**

Instruction and practice includes the development of basic skills, techniques, and rules and strategies.

87950	9:30a-10:50a	Tu Th		Nutter K	SAC G-105	Full Semester
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**KINESIOLOGY ACTIVITIES 150A, BEGINNING HATHA YOGA**

**1.0 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.

89204	7:30a-8:50a	M W		Anderson R	SAC W-107	Full Semester
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**KINESIOLOGY ACTIVITIES 155A, BEGINNING SELF-DEFENSE**

**1.0 UNIT**

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

89206	6:30p-9:30p	Th		Juliano R	SAC W-111	Full Semester
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**KINESIOLOGY ACTIVITIES 200A, BEGINNING INTRAMURAL-BASKETBALL**

**1.0 UNIT**

This class is designed to introduce/better acquaint students to the game of basketball. Emphasis is placed on rules, techniques, safety and improving performance.

89207	7:00p-9:50p	M		Jimmerson C	SAC G-105	Full Semester
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**KINESIOLOGY ACTIVITIES 200B, INTERMEDIATE INTRAMURAL SPORTS-BASKETBALL**

**1.0 UNIT**

This class is designed to provide students with an opportunity to participate and compete against classmates in the sport of basketball. Instruction focuses on improving performance in all aspects of the game of basketball: defense, offense, strategies and special situations.

Prerequisite: KNAC 200A with a minimum grade of C.

89209	7:00p-9:50p	M		Jimmerson C	SAC G-105	Full Semester
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**KINESIOLOGY ACTIVITIES 200C, ADVANCED INTRAMURAL BASKETBALL**

**1.0 UNIT**

This class is designed to provide students with an opportunity to participate and compete against classmates in the sport of basketball. Instruction focuses on improving performance in all aspects of the game of basketball: advanced defense, advanced offense, advanced strategies and special situations associated with the game of basketball.

Prerequisite: KNAC 200B with a minimum grade of C.

89211	7:00p-9:50p	M		Jimmerson C	SAC G-105	Full Semester
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## KINESIOLOGY ADAPTED ACTIVITIES

**KINESIOLOGY ADAPTED ACTIVITIES 202A, BEGINNING ADAPTED CIRCUIT TRAINING**

**1.0 UNIT**

This class is designed for students with disabilities and chronic conditions to experience the benefits of circuit training. Individualized exercise programs are designed to teach students adaptive strategies and beginning level techniques to meet their individual needs.

Prerequisite: Adapted Kinesiology Medical Release Form required.

88012	12:30p-1:50p	M W		Sos B	SAC W-106	Full Semester
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**KINESIOLOGY ADAPTED ACTIVITIES 202B, INTERMEDIATE ADAPTED CIRCUIT TRAINING**

**1.0 UNIT**

The class is designed for students with disabilities and chronic conditions to increase their knowledge and skills competence in circuit training. Individualized exercise programs are designed to teach students adaptive strategies and intermediate level techniques to meet their individual needs. Meets general education requirement.

Prerequisite: KNAD 202A with a minimum grade of C and Adapted Kinesiology Medical Release Form required.

88915	12:30p-1:50p	M W		Sos B	SAC W-106	Full Semester
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**KINESIOLOGY ADAPTED ACTIVITIES 211A, BEGINNING ADAPTED AQUATICS**

**1.0 UNIT**

The class is designed for students with disabilities and chronic conditions to experience the benefits of aquatic activities. In a group exercise setting, students are taught adaptive strategies and beginning level techniques for cardiovascular, balance, resistance, and core training. No swimming skills required. Meets general education requirement.

Prerequisite: Adapted Kinesiology Medical Release Form required.

88014	9:30a-10:50a	Tu Th		Sos B	SAC Pool	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**KINESIOLOGY ADAPTED ACTIVITIES 211B, INTERMEDIATE ADAPTED AQUATICS 1.0 UNIT**

This class is designed for students with disabilities and chronic conditions to increase their knowledge and skills competence in aquatic activities. In a group exercise setting, students are taught adaptive strategies and intermediate level techniques for cardiovascular, balance, resistance, and core training. No swimming skills required. Meets general education requirement.

Prerequisite: KNAD 211A with a minimum grade of C and Adapted Kinesiology Medical Release Form required.

88918	9:30a-10:50a	Tu Th	Sos B	SAC G-Pool	Full Semester
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## KINESIOLOGY AEROBIC FITNESS

**KINESIOLOGY AEROBIC FITNESS 140, WALKING/JOGGING FOR FITNESS 1.0 UNIT**

This course will emphasize cardiovascular walking/jogging for health and fitness for men and women who are interested in instruction and practice in cardiovascular conditioning. The walking/jogging class is designed to decrease the risk of coronary heart disorders by increasing heart efficiency, vital lung capacity, and the knowledge of each through aerobic and anaerobic conditioning.

87994	11:00a-12:20p	M W	Siddons A	SAC Track	Full Semester
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**KINESIOLOGY AEROBIC FITNESS 150A, BEGINNING STRETCH, FLEX AND TONE 1.0 UNIT**

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

89213	11:00a-12:20p	Tu Th	Staff	SAC W-107	Full Semester
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**KINESIOLOGY AEROBIC FITNESS 156A, BEGINNING CARDIO KICKBOXING 1.0 UNIT**

A series of boxing and kickboxing exercises are arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program. Kicks, punches, calisthenics and rope jumping are combined to elevate heart rate and strengthen all major muscle groups. Students will learn to apply these self-defense techniques on kick pads and focus mitts to improve accuracy and provide resistance for the muscles.

89214	8:00a-9:20a	Tu Th	Staff	SAC W-107	Full Semester
87692	11:00a-12:20p	M W	Breig D	SAC W-107	Full Semester
89218	5:45p-7:10p	M W	Howell A	SAC W-107	Full Semester

**KINESIOLOGY AEROBIC FITNESS 156B, INTERMEDIATE CARDIO KICKBOXING 1.0 UNIT**

A series of boxing and kickboxing exercises are arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program. This class is designed to increase competence in kicking and punching, calisthenics and rope jumping in various combinations to improve fitness. Students will further develop intermediate level self-defense techniques on kick pads and focus mitts to improve accuracy and provide resistance for the muscles.

Prerequisite: KNAF 156A with a minimum grade of C

89215	8:00a-9:20a	Tu Th	Staff	SAC W-107	Full Semester
88857	11:00a-12:20p	M W	Breig D	SAC W-107	Full Semester
89221	5:45p-7:10p	M W	Howell A	SAC W-107	Full Semester

## KINESIOLOGY AQUATICS

**KINESIOLOGY AQUATICS 201A, BEGINNING SWIMMING 1.0 UNIT**

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

87995	9:30a-10:50a	M W	Siddons A	SAC Pool	Full Semester
87998	11:00a-12:20p	Tu Th	Siddons A	SAC Pool	Full Semester

**KINESIOLOGY AQUATICS 201B, INTERMEDIATE SWIMMING 1.0 UNIT**

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

Prerequisite: KNAQ 201A with a minimum grade of C.


88910	9:30a-10:50a	M W	Siddons A	SAC Pool	Full Semester
88913	11:00a-12:20p	Tu Th	Siddons A	SAC Pool	Full Semester

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## KINESIOLOGY FITNESS

### PERSONAL FITNESS EVALUATION

SANTA ANA COLLEGE, Room E-108, 714-564-6946

ALL STUDENTS MUST ATTEND AN ORIENTATION

**ORIENTATIONS GIVEN DURING FIRST WEEK OF INSTRUCTION ONLY**

Monday, Wednesday, Friday . . . . . 1:00 pm

Thursday . . . . . 6:10 pm

**Open hours AFTER Orientation Week are:**

Monday, Wednesday, Friday 1:00–2:00 pm, and Thursday 6:10–9:00 pm

This class offers individual testing as follows: Resting Electrocardiogram, pulmonary function, flexibility testing, skinfold tests and/or underwater weighing for body fat percent, strength testing, exercise electrocardiogram using a treadmill test. A fitness profile will be given to each student when they complete course requirements. The results will be discussed with each student.

**KINESIOLOGY FITNESS 101A, PERSONAL FITNESS EVALUATION I 1.0 UNIT**

Personal evaluation of your fitness level. Each student completes appointments that evaluate flexibility, strength, blood pressure, body composition, pulmonary function, resting electrocardiogram and a graded exercise test. Students are also required to record 44 hours of exercise outside of class. Outside hours must be completed and supervised at an exercise science facility at the college where the student is enrolled. Designed for students without heart problems.

**Material Fee(s): \$5.00**

88904	TBA	Jones G	SAC E-108	Full Semester
89959	TBA	Nyssen A	SAC E-108	Full Semester

**KINESIOLOGY FITNESS 101B, PERSONAL FITNESS EVALUATION II 1.0 UNIT**

Intermediate personal evaluation of your fitness level. Each student completes appointments that evaluate flexibility, strength, blood pressure, body composition, pulmonary function, resting electrocardiogram, graded exercise test graded exercise test, and the BODPOD. Student test and evaluations will be compared to the results recorded in KNFI 101A. Students are also required to record 44 hours of exercise outside of class. Outside hours must be completed and supervised at an exercise science facility at the college where the student is enrolled. Designed for students without heart problems.

Prerequisite: KNFI 101A with a minimum grade of C must complete 101A

**Material Fee(s): \$5.00**

90041	TBA	Nyssen A	SAC E-108	Full Semester
88905	TBA	Jones G	SAC E-108	Full Semester

**KINESIOLOGY FITNESS 101C, PERSONAL FITNESS EVALUATION III 1.0 UNIT**

Advanced personal evaluation of your fitness level. Each student completes appointments that evaluate flexibility, strength, blood pressure, body composition, pulmonary function, resting electrocardiogram, graded exercise test, and the BODPOD. Student test and evaluations will be compared to the results recorded in KNFI 101A and KNFI 101B. Students will have a mastery level understanding of the analysis techniques used in the center. Students are also required to record 44 hours of exercise outside of class. Outside hours must be completed and supervised at an exercise science facility at the college where the student is enrolled. Designed for students without heart problems.

Prerequisite: Kinesiology Fitness 127B with a minimum grade of C and must complete Kinesiology Fitness 101A and Kinesiology Fitness 101B.

**Material Fee(s): \$5.00**

90042	TBA	Nyssen A	SAC E-108	Full Semester
90039	TBA	Jones G	SAC E-108	Full Semester

## CIRCUIT TRAINING

The SAC Fitness Center is located in E-102, phone 714-564-6917.

**ATTENDANCE**

Students are required to attend the Fitness Center two times per week for continuous enrollment. Students enrolled in .5 unit class must complete 24 workouts; students enrolled in 1 unit class must complete 48 workouts. Only one section of KNFI 109A,B,C; 110A,B,C; or 115A,B,C 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:** Monday-Thursday 4-7 pm

**KINESIOLOGY FITNESS 109A, BEGINNING CIRCUIT TRAINING 0.5 UNIT**

An introduction to fundamental principles and practices of circuit training including: safety, using cardiovascular and resistance machines, components of exercise. This course provides the basics of a comprehensive exercise program that combines cardiovascular exercises with strength training.

88927	TBA	Luppani M	SAC E-102	Full Semester
88928	TBA	Luppani M	SAC E-102	10/20-12/12

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**KINESIOLOGY FITNESS 109B, INTERMEDIATE CIRCUIT TRAINING 0.5 UNIT**

A continuation of exercise principles and practices of circuit training covered in Beginning Circuit Training. This course is designed to help students increase cardiovascular conditioning using a combination of resistive strength exercises and endurance training. Must complete Beginning Circuit Training prior to enrollment.

88929	TBA		Luppini M	SAC E-102	Full Semester
88930	TBA		Luppini M	SAC E-102	10/20-12/12

**KINESIOLOGY FITNESS 109C, ADVANCED CIRCUIT TRAINING 0.5 UNIT**

An individualized fitness program developed to promote lifetime fitness. Employs a combination of cardiovascular machines (treadmill, steppers, bicycles, elliptical, rower, etc) and resistance machines. This course is designed as a continuation of Intermediate Circuit Training and promotes increased cardiovascular and muscular endurance. Educates students on the principles of nutrition and the body's adaptation to exercise.

88931	TBA		Luppini M	SAC E-102	Full Semester
88932	TBA		Luppini M	SAC E-102	10/20-12/12

**KINESIOLOGY FITNESS 110A, BEGINNING CIRCUIT TRAINING 1.0 UNIT**

An introduction to fundamental principles and practices of circuit training including: safety, using cardiovascular and resistance machines, components of exercise. This course provides the basics of a comprehensive exercise program that combines cardiovascular exercises with strength training.

88933	TBA		Luppini M	SAC E-102	Full Semester
88934	TBA		Luppini M	SAC E-102	10/20-12/12

**KINESIOLOGY FITNESS 110B, INTERMEDIATE CIRCUIT TRAINING 1.0 UNIT**

A continuation of exercise principles and practices of circuit training covered in Beginning Circuit Training. This course is designed to help students increase cardiovascular conditioning using a combination of resistive strength exercises and endurance training. Must complete Beginning Circuit Training prior to enrollment

88936	TBA		Luppini M	SAC E-102	Full Semester
88937	TBA		Luppini M	SAC E-102	10/20-12/12

**KINESIOLOGY FITNESS 110C, ADVANCED CIRCUIT TRAINING 1.0 UNIT**

An individualized fitness program developed to promote lifetime fitness. Employs a combination of cardiovascular machines (treadmill, steppers, bicycles, elliptical, rower, etc) and resistance machines. This course is designed as a continuation of Intermediate Circuit Training and promotes increased cardiovascular and muscular endurance. Educates students on the principles of nutrition and the body's adaptation to exercise.

88938	TBA		Luppini M	SAC E-102	Full Semester
88939	TBA		Luppini M	SAC E-102	10/20-12/12

**KINESIOLOGY FITNESS 115A, BEGINNING CARDIOVASCULAR CONDITIONING 1.0 UNIT**

A basic course designed for those people who desire a cardiovascular work-out using a combination of equipment such as stationary bikes, ellipticals, treadmills, rowers, etc. This course will cover elemental information as it regards to aerobic conditioning.

88940	TBA		Luppini M	SAC E-102	Full Semester
88942	TBA		Luppini M	SAC E-102	10/20-12/12

**KINESIOLOGY FITNESS 115B, INTERMEDIATE CARDIOVASCULAR CONDITIONING 1.0 UNIT**

A course designed for those people who desire a cardiovascular work-out using a combination of equipment such as stationary bikes, ellipticals, treadmills, rowers, etc. This course is a continuation of Beginning Cardiovascular Conditioning and is designed to help students increase their cardiovascular endurance developed as a beginner. This course will cover topics as they relate to aerobic conditioning.

88943	TBA		Luppini M	SAC E-102	Full Semester
88945	TBA		Luppini M	SAC E-102	10/20-12/12

**KINESIOLOGY FITNESS 115C, ADVANCED CARDIOVASCULAR CONDITIONING 1.0 UNIT**

A continuation of Intermediate Cardiovascular Conditioning. This course is designed for students to increase their cardiovascular conditioning using a combination of machines (bicycles, treadmills, ellipticals, etc. advanced fitness concepts, as they relate to lifelong fitness levels will be covered. This course provides students with the opportunity to elevate their endurance and cardiovascular levels to the high-end of the aerobic range.

88946	TBA		Luppini M	SAC E-102	Full Semester
88947	TBA		Luppini M	SAC E-102	10/20-12/12

**KINESIOLOGY FITNESS 112A, BEGINNING CIRCUIT TRAINING 1.0 UNIT**

An introduction to fundamental principles and practices of circuit training including: safety, using cardiovascular and resistance machines, components of exercise. This course provides the basics of a comprehensive exercise program that combines cardiovascular exercises with strength training.

89942	8:00a-9:20a	M W	Staff	SAC E-102	Full Semester
89948	8:00a-9:20a	Tu Th	Staff	SAC E-102	Full Semester
87689	9:30a-10:50a	M W	Breig D	SAC E-102	Full Semester
89953	9:30a-10:50a	Tu Th	Jones G	SAC E-102	Full Semester
88920	11:00a-12:20p	M W	Staff	SAC E-102	Full Semester
89956	11:00a-12:20p	Tu Th	Nyssen A	SAC E-102	Full Semester
87694	12:30p-1:50p	Tu Th	Breig D	SAC E-102	Full Semester

**KINESIOLOGY FITNESS 112B, INTERMEDIATE CIRCUIT TRAINING 1.0 UNIT**

A continuation of exercise principles and practices of circuit training covered in Beginning Circuit Training. This course is designed to help students increase cardiovascular conditioning using a combination of resistive strength exercises and endurance training. Must complete Beginning Circuit Training prior to enrollment.

Prerequisite: Kinesiology Fitness 112A with a minimum grade of C/P or Kinesiology Fitness 110A with a minimum grade of P.

89950	8:00a-9:20a	Tu Th	Staff	SAC E-102	Full Semester
89945	8:00a-9:20a	M W	Staff	SAC E-102	Full Semester
88833	9:30a-10:50a	M W	Breig D	SAC E-102	Full Semester
89954	9:30a-10:50a	Tu Th	Jones G	SAC E-102	Full Semester
88922	11:00a-12:20p	M W	Staff	SAC E-102	Full Semester
89957	11:00a-12:20p	Tu Th	Nyssen A	SAC E-102	Full Semester
88848	12:30p-1:50p	Tu Th	Breig D	SAC E-102	Full Semester

**KINESIOLOGY FITNESS 112C, ADVANCED CIRCUIT TRAINING 1.0 UNIT**

An individualized fitness program developed to promote lifetime fitness. Employs a combination of cardiovascular machines (treadmill, steppers, bicycles, elliptical, rower, etc) and resistance machines. This course is designed as a continuation of Intermediate Circuit Training and promotes increased cardiovascular and muscular endurance. Educates students on the principles of nutrition and the body's adaptation to exercise.

Prerequisite: Kinesiology Fitness 112B with a minimum grade of C/P or Kinesiology Fitness 110B with a minimum grade of P.

89947	8:00a-9:20a	M W	Staff	SAC E-102	Full Semester
89952	8:00a-9:20a	Tu Th	Staff	SAC E-102	Full Semester
88845	9:30a-10:50a	M W	Breig D	SAC E-102	Full Semester
89955	9:30a-10:50a	Tu Th	Jones G	SAC E-102	Full Semester
88924	11:00a-12:20p	M W	Staff	SAC E-102	Full Semester
89958	11:00a-12:20p	Tu Th	Nyssen A	SAC E-102	Full Semester
88854	12:30p-1:50p	Tu Th	Breig D	SAC E-102	Full Semester

**KINESIOLOGY FITNESS 147A, BEGINNING WEIGHT TRAINING 1.0 UNIT**

Introductory instruction in basic weight lifting concepts and experiential practice in large muscle area development utilizing guided and free weights. Development will be in muscle size or tone and strength or endurance.

87787	11:00a-12:20p	M W	Jones G	SAC G-103	Full Semester
87788	1:00p-2:20p	Tu Th	Jones G	SAC G-103	Full Semester

**KINESIOLOGY FITNESS 147B, INTERMEDIATE WEIGHT TRAINING 1.0 UNIT**

This course is designed for students to increase their knowledge and skills competence in large muscle area development utilizing free weights. Individualized exercise programs are designed to teach students intermediate level strategies and techniques. Development will be in muscle size or tone and strength or endurance.

Prerequisite: KNFI 147A with a minimum grade of C

88891	11:00a-12:20p	M W	Jones G	SAC G-103	Full Semester
88893	1:00p-2:20p	Tu Th	Jones G	SAC G-103	Full Semester

# KINESIOLOGY HEALTH EDUCATION

**KINESIOLOGY HEALTH EDUCATION 101, HEALTHFUL LIVING 3.0 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.

87697			Breig D	SAC WEB	08/25-10/17
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Section 87697 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class. ([breig\\_david@sac.edu](mailto:breig_david@sac.edu))

87698			Breig D	SAC WEB	10/20-12/12
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Section 87698 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class. ([breig\\_david@sac.edu](mailto:breig_david@sac.edu))

88005			Siddons A	SAC WEB	Full Semester
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Section 88005 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class. ([siddons\\_al@sac.edu](mailto:siddons_al@sac.edu))

88003	9:30a-10:50a	Tu Th	Siddons A	SAC F-102	Full Semester
87688	11:00a-12:20p	Tu Th	Abbey T	SAC F-102	Full Semester
87654	11:00a-12:20p	M W	Abbey T	SAC F-102	Full Semester
88000	6:00p-9:00p	Tu	Siddons A	SAC F-102	Full Semester

## Academic Planning Questions?

[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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### KINESIOLOGY HEALTH EDUCATION 102, WOMEN'S HEALTH ISSUES 3.0 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.

87954			Nutter K	SAC WEB	08/25-10/17
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Section 87954 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class. ([nutter\\_kim@sac.edu](mailto:nutter_kim@sac.edu))

87956			Nutter K	SAC WEB	10/20-12/12
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Section 87956 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class. ([nutter\\_kim@sac.edu](mailto:nutter_kim@sac.edu))

### KINESIOLOGY HEALTH EDUCATION 104, NUTRITION AND FITNESS 2.0 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.

87684			Abbey T	SAC WEB	08/25-10/17
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Section 87684 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class. ([abbey\\_troy@sac.edu](mailto:abbey_troy@sac.edu))

87685			Abbey T	SAC WEB	10/20-12/12
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Section 87685 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class. ([abbey\\_troy@sac.edu](mailto:abbey_troy@sac.edu))

### KINESIOLOGY HEALTH EDUCATION 105, FIRST AID AND PERSONAL SAFETY 1.5 UNITS

This course involves the theory and detailed demonstration of first aid care. Student's learn accident prevention, assessing a victim's condition, and immediate care to accident victims. American Heart Association first aid certification upon successful completion. May be repeated for recertification. Completion of KNHE 105 & KNHE 107 equate to C-ID KIN 101.

89275	7:30a-8:50a	Tu Th	Gorrie R	SAC G-107	08/25-10/16
89277	7:30a-8:50a	Tu Th	Gorrie R	SAC G-107	10/21-12/11

### KINESIOLOGY HEALTH EDUCATION 107, CARDIOPULMONARY RESUSCITATION 2.0 UNITS

This course involves the theory and detailed demonstration in artificial respiration and manual artificial circulation (CPR) that is recommended for use in cardiac arrest cases. Instruction in the Automatic External Defibrillator (AED) is included. Successful completion may lead to American Heart Association Heartsaver or Health Care Provider with AED Certificate. May be repeated for recertification. Completion of KNHE 105 & KNHE 107 equate to C-ID KIN 101.

89274	9:00a-9:50a	Tu Th	Gorrie R	SAC G-107	08/25-10/16
87789	6:00p-9:50p	W	Steckler M	SAC G-107	10/20-12/12

## KINESIOLOGY INTERCOLLEGIATE ATHLETICS

### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 128, CONDITIONING FOR ATHLETES 0.5 UNIT

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

87957	11:00a-12:15p	M W	Nyssen A	SAC G-114	08/25-11/14
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### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 128, CONDITIONING FOR ATHLETES 1.0 UNIT

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

89941	12:00p-1:20p	M W	Staff	SAC G-103	Full Semester
88057	2:30p-3:50p	Tu Th	Gonzales F	SAC G-114	Full Semester

### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 128, CONDITIONING FOR ATHLETES 0.5 UNIT

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

87696	4:00p-4:50p	Tu Th	Breig D	SAC G-103	Full Semester
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### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 133, OFF SEASON SWIMMING 1.0 UNIT

An advanced aquatics class designed for students with exceptional swimming talent who have an interest in training for competitive swimming. A review of swim strokes and an implementation of a variety of training techniques geared to building strength, speed and endurance.

88023	7:30a-8:50a	M W	Welsh M	SAC Pool	Full Semester
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### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 202, BASKETBALL-MEN 3.0 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.

87693	2:40p-4:40p	M W F	Breig D	SAC G-105	Full Semester
	4:50p-6:50p	Tu Th		SAC G-105	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 204, FOOTBALL-MEN 3.0 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): \$5.00

87701	3:00p-4:15p	M	Jones G	SAC G-113	08/25-11/15
	3:00p-5:25p	Tu	Nyssen A	SAC G-113	
	3:00p-5:25p	W		SAC G-113	
	3:00p-6:00p	Th		SAC G-113	
	3:00p-4:30p	F		SAC G-113	
	11:00a-3:00p	Sa		SAC G-113	

### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 209, WATER POLO - MEN 3.0 UNITS

A high-level, competitive program for students with exceptional water polo talent. Students must meet C.O.A. eligibility requirements and pass a health screening prior to intercollegiate competition.

88386	5:20a-7:20a	M Tu	Reyes A	SAC Pool	Full Semester
	12:30p-2:30p	M Tu Th		SAC Pool	

### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 210, WRESTLING-MEN 3.0 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.

88055	4:00p-6:00p	M Tu W Th F	Silva V	SAC W-111	Full Semester
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### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 212, BASKETBALL-WOMEN 3.0 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.

87926	12:30p-2:30p	M W	Luppani M	SAC G-105	Full Semester
	2:40p-4:40p	Tu Th		SAC G-105	
	9:00a-11:00a	F		SAC G-105	

### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 213, VOLLEYBALL-WOMEN 3.0 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.

87686	4:40p-6:40p	M W F	Abbey T	SAC G-105	Full Semester
	12:30p-2:30p	Tu Th		SAC G-105	

### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 216, SOCCER-MEN 3.0 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.

88033	4:10p-6:10p	M Tu W Th F	Vasquez J	SAC G-118	Full Semester
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### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 219, CROSS COUNTRY-WOMEN 3.0 UNITS

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

88021	12:30p-2:30p	M Tu W Th F	Mitzel M	SAC Track	Full Semester
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### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 220, SOCCER-WOMEN 3.0 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.

89282	2:00p-4:00p	M Tu W Th F	Staff	SAC G-118	Full Semester
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### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 221, WATER POLO-WOMEN 3.0 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.

88022	2:35p-5:05p	M Tu W Th	Welsh M	SAC Pool	Full Semester
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### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 223, BASEBALL 1.0 UNIT

Fundamentals of fielding, throwing and hitting. Includes play situations and an emphasis on team offensive and defensive strategy.

89938	TBA		Staff	SAC G-115	Full Semester
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First class meeting on the Baseball field at 3:00p on Tuesday, August 26.

### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 271 1.0 UNIT

Basic skills and fundamentals of catching, throwing, pitching, hitting and baserunning will be covered. Offensive and defensive techniques and strategies will be practiced.

91424	12:30p-1:25p	Tu W Th	Nutter K	SAC G-120	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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# KINESIOLOGY PROFESSIONAL

## KINESIOLOGY PROFESSIONAL 101, INTRODUCTION TO KINESIOLOGY 3.0 UNITS

This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professionals.

88013	8:00a-9:20a	Tu Th	Sos B	SAC F-103	Full Semester
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## KINESIOLOGY PROFESSIONAL 125, SPORT PSYCHOLOGY 3.0 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.

87930			Luppani M	SAC WEB	Full Semester
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Section 87930 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

Email instructor first week of class. ([luppani\\_flo@sac.edu](mailto:luppani_flo@sac.edu))

## KINESIOLOGY PROFESSIONAL 150, SPORT AND SOCIETY 3.0 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.

87942			Luppani M	SAC WEB	08/25-10/17
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Section 87942 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

Email instructor first week of class. ([luppani\\_flo@sac.edu](mailto:luppani_flo@sac.edu))

87943			Luppani M	SAC WEB	10/20-12/12
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Section 87943 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

Email instructor first week of class. ([luppani\\_flo@sac.edu](mailto:luppani_flo@sac.edu))

87959	9:30a-10:50a	Tu Th	Nyssen A	SAC F-103	Full Semester
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## KINESIOLOGY PROFESSIONAL 165, THEORY OF SOFTBALL 2.0 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.

91425	11:30a-12:25p	Tu Th	Nutter K	SAC G-120	Full Semester
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## KINESIOLOGY PROFESSIONAL 170, SPORT ETHICS 3.0 UNITS

A class designed to examine ethics, moral questions, and value judgements related to sport. Its approach allows students to follow and analyze ethical arguments, think through philosophical issues, and apply them to the artistic expression of sport as well as everyday life.

87939			Luppani M	SAC WEB	Full Semester
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Section 87939 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

Email instructor first week of class. ([luppani\\_flo@sac.edu](mailto:luppani_flo@sac.edu))

## KINESIOLOGY PROFESSIONAL 175, THEORY OF FOOTBALL 2.0 UNITS

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

87924	4:25p-5:20p	M	Nyssen A	SAC I-101	08/25-11/14
	5:30p-6:20p	Tu		SAC I-106	
	5:30p-6:20p	W		SAC I-106	

87922	4:25p-5:20p	M	Watkins D	SAC I-108	08/25-11/14
	5:30p-6:20p	Tu		SAC I-103	
	5:30p-6:25p	W		SAC I-108	

87786	4:25p-5:20p	M	Jones G	SAC I-202	08/25-11/14
	5:30p-6:25p	Tu		SAC I-108	
	5:30p-6:25p	W		SAC W-101	

## KINESIOLOGY PROFESSIONAL 200, THEORY OF BASEBALL 2.0 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.

89285	2:00a-2:50a	M W	Staff	SAC G-106	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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## KINESIOLOGY PROFESSIONAL 201, MOVEMENT ANATOMY 3.0 UNITS

This course is designed as an overview of musculoskeletal anatomy presented within the context of exercise and sport. Emphasis is placed on understanding the composition, structure, and function of skeletal muscle as well as bones & joints. Course includes analysis of various movement patterns.

88010	11:00a-12:20p	M W	Sos B	SAC F-103	Full Semester
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## KINESIOLOGY PROFESSIONAL 203, PHYSIOLOGY OF CARDIOVASCULAR EXERCISE 2.0 UNITS

This course is designed for students in the Fitness Specialist Certificate Program as overview of how the body responds to cardiovascular training. Emphasis is placed on understanding cardiorespiratory anatomy & physiology as well as metabolic and hormonal control of exercising muscle. Students examine training sequences, equipment selection, and safety factors including contra-indications for apparently healthy adults.

88008	8:00a-8:50a	M W	Staff	SAC F-103	Full Semester
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## KINESIOLOGY PROFESSIONAL 205, TECHNIQUES OF EXERCISE LEADERSHIP 1.5 UNITS

This course is designed to introduce and practice the principles and techniques involved in teaching group exercise and developing personal trainer/client relationships. Emphasis is placed on client assessment, communication skills, program design, exercise adherence, teaching strategies, and professional responsibility and liability.

89283	9:30a-10:00a	Tu Th	Staff	SAC G-106	Full Semester
	10:00a-10:50a	Tu Th	Staff	SAC W-106	

## KINESIOLOGY PROFESSIONAL 211, PRACTICUM IN FITNESS EVALUATION I 0.5 UNIT

This course is designed to develop proficiency in various fitness assessment techniques. Emphasis is placed on objective assessment using various treadmill tests, field tests for cardiorespiratory endurance, body composition techniques, and blood pressure measures. Students practice selecting the appropriate test, conducting the test, and evaluating results.

89911	9:00a-9:50a	M W	Staff	SAC E-108	Full Semester
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# KINESIOLOGY SPORTS MEDICINE

## KINESIOLOGY SPORTS MEDICINE 101, INTRODUCTION TO SPORTS MEDICINE 3.0 UNITS

Introduction to the field of sports medicine. Will provide basic exposure to athletic injuries, taping techniques, and appropriate treatment, prevention, and rehabilitation of athletic injuries. Prerequisite: Concurrent enrollment in K.N. Sports Medicine 150.

88015	8:00a-9:20a	Tu Th	Kinney G	SAC F-102	Full Semester
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## KINESIOLOGY SPORTS MEDICINE 150, ATHLETIC TRAINING INTERNSHIP 2.0 UNITS

A laboratory experience in the application of preventative, acute and post-injury treatment of common athletic injuries. Taping skills and use of therapeutic modalities will be emphasized. Also covered will be the administration and daily functioning of the training room and participating in a hands-on internship under certified athletic trainers. Each student will be required to put in 6 hours per week as an intern in the Athletic Training Room and/or at athletic events. Prerequisite: Concurrent enrollment in Kinesiology Sports Medicine 101.

88018	9:30a-10:20a	Tu Th	Kinney G	SAC G-102	Full Semester
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# LIBRARY & INFORMATION STUDIES

## LIBRARY & INFORMATION STUDIES 100, LIBRARY RESEARCH FUNDAMENTALS 1.0 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.

90125			Saliba E	SAC WEB	10/20-12/12
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Section 90125 Students must be participating in the Online Degree Pathway program to enroll. For more information, see <http://sac.edu/onlinepathway> or contact the Distance Education Office at 714-564-6725, [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu). No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>

86036	1:00p-2:00p	W	Pedroza L	SAC L-112-1	Full Semester
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86039	1:00p-2:00p	Tu	Pedroza L	SAC L-112-1	Full Semester
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Do you like, play or watch sports?



**SPORTS AND SOCIETY**  
**KNPR 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



**Library**  
**Research**

**Stop wasting time!**

Become an efficient user of information resources.

Sign up for this 1 unit course:

**LIBI 100, Library Research Fundamentals**

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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## Library Technology Certificate and AA Degree

- Training for persons working in, or seeking to work in school, public, academic, or special libraries.
- Professional development coursework for library assistants, library technicians, or library media technicians.



For additional information visit our program web site:  
[sac.edu/student-services/library/pages/ltprogram.aspx](http://sac.edu/student-services/library/pages/ltprogram.aspx)  
 or contact Stacy Russo, at [russo\\_stacy@sac.edu](mailto:russo_stacy@sac.edu) or  
 714-564-6712.

## LIBRARY TECHNOLOGY

**LIBRARY TECHNOLOGY 053, LIBRARY INTERNSHIP 3.0 UNITS**  
*Closely supervised fieldwork experiences in two carefully 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, and 122 with a minimum grade of C.  
 86041 4:00p-5:55p W Russo S SAC L-112-1 Full Semester  
 Section 86041 First class meeting for Library Technology 053, Library Internship, will be the first Wednesday of the semester, August 27, 4:00p-5:55p, SAC L-112-1.

**LIBRARY TECHNOLOGY 101, INTRODUCTION TO LIBRARY TECHNOLOGY 3.0 UNITS**  
*This course provides an introduction to libraries as a career field with particular emphasis on the role of the library technician in various types of library settings. It also provides an overview of library collections, history, organization, staffing, services, terminology, and electronic online resources.*

86044 6:00p-9:00p Th Turner E SAC L-112-1 Full Semester

**LIBRARY TECHNOLOGY 110, TECHNICAL SERVICES 3.0 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.*

86047 6:00p-9:00p W Staff SAC L-112-1 Full Semester

## MANAGEMENT

**MANAGEMENT 120, PRINCIPLES OF MANAGEMENT 3.0 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.)*

87891 Shweiri G SAC WEB Full Semester  
 Section 87891 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Make sure your current email is in personal information.

87892 9:30a-10:55a Tu Th Shweiri G SAC A-207 Full Semester  
 87893 6:00p-9:10p W Irion M SAC A-210 Full Semester

**MANAGEMENT 121, HUMAN RELATIONS AND ORGANIZATIONAL BEHAVIOR 3.0 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.)*

87894 11:00a-12:25p Tu Th Shweiri G SAC A-130 Full Semester

**MANAGEMENT 122, BUSINESS COMMUNICATIONS 3.0 UNITS**  
*Overview of oral and written communication skills used in business; emphasizes guidelines for improving writing and speaking skills, common solutions to common communication problems, ethical issues facing business communicators today, instructions on how to identify areas of legal vulnerability, and tested techniques for communicating successfully in today's high-tech, international business environment. Suggested preparation: English 061 or English for Multi-lingual Students 112 or American College English 116.*

87895 7:00p-10:10p Th Woolgar D SAC A-108 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**MANAGEMENT 125, ORGANIZATIONAL LEADERSHIP 3.0 UNITS**  
*An examination of the universal principles of leadership. Covers the many approaches to leadership, the role of gender and diversity, and leadership ethics. Designed to build repeatable and transferable leadership skills for today's organizational environment.*

87896 6:00p-9:10p W Shweiri G SAC A-228 Full Semester

**MANAGEMENT 135, HUMAN RESOURCE MANAGEMENT 3.0 UNITS**  
*Introductory course covers the goals, activities, and challenges of human resources. Includes equal employment opportunity and diversity, recruitment and selection, leadership and motivation, training and development, compensation, employee and labor/management relations.*

OER 87897 6:00p-9:10p M Irion M SAC I-202 Full Semester

## MANUFACTURING TECHNOLOGY

**MANUFACTURING TECHNOLOGY 011, BASIC MECHANICAL B LUEPRINT READING 2.0 UNITS**  
*Reading and interpreting blueprints for manufacturing technologies. (Same as Engineering 011.)*

89650 5:00p-7:05p F Bright T SAC A-130 Full Semester

**MANUFACTURING TECHNOLOGY 053, TECHNICAL MATHEMATICS 3.0 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.*

Prerequisite: Mathematics N48 with a minimum grade of C.

89652 7:15p-10:25p F Rodriguez Castillo MSAC A-130 Full Semester

**MANUFACTURING TECHNOLOGY 058, BASIC MACHINING CONCEPTS AND OPERATIONS 3.0 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.*

90337 8:30a-5:00p Sa Diglio G SAC T-107 Full Semester  
 89653 10:00a-2:05p Tu Th Kanzler D SAC T-107 Full Semester  
 89663 5:30p-9:35p Tu Th Stillwell D SAC T-107 Full Semester  
 89658 6:00p-10:05p M W Bright T SAC T-107 Full Semester

**MANUFACTURING TECHNOLOGY 059, ADVANCED TURNING CONCEPTS AND OPERATIONS 3.0 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 minimum grade of C.

89654 9:00a-1:05p Tu Th Kanzler D SAC T-107 Full Semester  
 89659 5:30p-9:35p M W Bright T SAC T-107 Full Semester

**MANUFACTURING TECHNOLOGY 068, ADVANCED MILLING CONCEPTS AND OPERATIONS 3.0 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 minimum grade of C.

89655 9:00a-1:05p Tu Th Kanzler D SAC T-107 Full Semester  
 89660 5:30p-9:35p M W Bright T SAC T-107 Full Semester

**MANUFACTURING TECHNOLOGY 069, JOB SHOP SKILLS 0.5 - 9.0 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  
 89656 9:00a-1:35p Tu Th Kanzler D SAC T-107 Full Semester  
 89661 5:00p-9:35p M W Bright T SAC T-107 Full Semester

**MANUFACTURING TECHNOLOGY 071, CNC PROGRAM WRITING 4.0 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.*

Prerequisite: Prior or concurrent enrollment in Manufacturing Technology 058.

89665 9:00a-1:15p Sa Singh N SAC H-205 Full Semester

**MANUFACTURING TECHNOLOGY 073, MASTERCAM - 2D GEOMETRY, 2D TOOLPATHS 3.0 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.*

89667 6:00p-7:25p Tu Th Singh N SAC T-203-1 Full Semester



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>MANUFACTURING TECHNOLOGY 074, CNC MILLING CENTER SET UP AND OPERATION</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Basic setup and operation of numerically controlled milling machines. Students will set up and run a 3 axis CNC milling machine.</i>					
Prerequisite: Manufacturing Technology 058 and 071 with a minimum grade of C.					
89668	7:30p-10:35p	M	Staff	SAC T-101	Full Semester
Section 89668 has 2 hours arranged per week.					
<b>MANUFACTURING TECHNOLOGY 075, MASTERCAM - 3D GEOMETRY, 3D SURFACES</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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.</i>					
Prerequisite: Manufacturing Technology 073 with a minimum grade of C.					
89669	6:00p-7:25p	MW	Singh N	SAC T-203-1	Full Semester
<b>MANUFACTURING TECHNOLOGY 078, MASTERCAM LATHE</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Computer assisted numerical control programming of machine tools using MASTERCAM lathe software. Emphasis placed on lathe toolpaths: facing, turning, grooving, boring, and threading.</i>					
Prerequisite: Manufacturing Technology 071, 073, and 076 with a minimum grade of C.					
89670	7:30p-10:40p	Tu	Singh N	SAC T-203-1	Full Semester
<b>MANUFACTURING TECHNOLOGY 086, ADVANCED CNC LATHE PROGRAMMING, SETUP AND OPERATION</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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.</i>					
Prerequisite: Manufacturing Technology 071 and 076 with a minimum grade of C.					
89671	7:30p-10:35p	Th	Singh N	SAC T-101	Full Semester
Section 89671 has 2 hours arranged per week.					
<b>MANUFACTURING TECHNOLOGY 094, CNC HORIZONTAL MILL SETUP AND OPERATION</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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. Requires registration in 2 hour scheduled lab session for use of specialized equipment. Lab registration will be done during the first class session each semester.</i>					
Prerequisite: Manufacturing Technology 071 and 074 with a minimum grade of C.					
89672	7:30p-10:40p	W	Singh N	SAC T-101	Full Semester
<b>MANUFACTURING TECHNOLOGY 095, MASTERCAM 5 AXIS MILL TOOLPATH AND APPLICATION</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Students will use Mastercam Software and Blade Expert to create various Multi Axis Toolpaths. Course includes programming, setup and operation of a 5-Axis DMU-50 milling machine with Siemens CNC control, to complete various student projects. This course requires registration in a 2 hour per week scheduled lab session. Lab scheduling and registration will be done during the first class session each semester.</i>					
Prerequisite: Manufacturing Technology 075 and 077 with a minimum grade of C.					
89673	7:30p-10:40p	M	Singh N	SAC T-203-1	Full Semester
<b>MANUFACTURING TECHNOLOGY 103, SOLIDWORKS BASIC SOLID MODELING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Introductory course in parametric solid modeling. This course will include a solid modeling overview, solid model construction techniques (extrude, revolve, fillet, chamfer, etc), including the preparation of individual solid components and basic solid model assemblies. (Same as Engineering 103.) Suggested preparation: MNFG 011</i>					
89674	7:00p-10:10p	M	Corley G	SAC T-203	Full Semester
89676	7:00p-10:10p	Tu	Corley G	SAC T-203	Full Semester
<b>MANUFACTURING TECHNOLOGY 105, SOLIDWORKS ADVANCED SOLID MODELING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Advanced course for solid modeling includes a review of the intermediate class and changes to the Solidworks interface. Instruction in the use of Solidworks part modeling, assembly modeling, sub-assemblies, advanced photoworks and advanced animator emphasized. (Same as Engineering 105.)</i>					
Prerequisite: Manufacturing Technology 104 with a minimum grade of C.					
89678	7:00p-10:10p	Th	Cole J	SAC T-203	Full Semester
<b>MANUFACTURING TECHNOLOGY 106, SOLIDWORKS DRAWINGS</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Creation and use of drawing templates, importing of solids data into the drawing template, and modification of the resulting drawings to company standards. Suggested preparation: MNFG 011</i>					
Prerequisite: Manufacturing Technology 103 with a minimum grade of C.					
89680	7:00p-10:10p	W	Cole J	SAC T-203	Full Semester
<b>MANUFACTURING TECHNOLOGY 114, GEOMETRIC DIMENSIONING AND TOLERANCING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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.) Recommended prerequisite: MNFG 011</i>					
89681	7:00p-10:10p	W	Corley G	SAC F-102	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES	
<b>MANUFACTURING TECHNOLOGY 130A, CATIA SOLID MODELING I</b> <span style="float: right;"><b>3.0 UNITS</b></span>						
<i>Introductory course in parametric solid modeling CAD using CATIA software. Topics include: CAD overview, sketching, basic solid model creation (base features, pads, pockets, grooves, shafts etc.) sketch constraints, reference elements, hole features, feature editing, assembly and drawing creation.</i>						
W	87966	9:00a-12:10p	Sa	Cole J	SAC A-108	Full Semester
<b>MANUFACTURING TECHNOLOGY 130B, CATIA SOLID MODELING II</b> <span style="float: right;"><b>3.0 UNITS</b></span>						
<i>Intermediate course in parametric solid modeling CAD using CATIA software. Topics: intermediate/advanced level sketching &amp; modeling (sweeps, ribs, slots), feature transformation, assemblies, drafting workbench, surface modeling, and other CATIA modules. Suggested Preparation: Manufacturing Technology 130A.</i>						
W	87967	9:00a-12:10p	Sa	Cole J	SAC A-108	Full Semester
<b>MANUFACTURING TECHNOLOGY 188, MACHINE TECHNOLOGY SURVEY</b> <span style="float: right;"><b>3.0 UNITS</b></span>						
<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 Engineering 188.)</i>						
Prerequisite: Successful completion of or concurrent enrollment in any one of the following: Manufacturing Technology 011; Engineering 011, 051, 122, 124, 125.						
89657	10:00a-2:05p	Tu Th		Kanzler D	SAC T-107	Full Semester
89664	5:30p-9:35p	Tu Th		Stillwell D	SAC T-107	Full Semester
89662	6:00p-10:05p	MW		Bright T	SAC T-107	Full Semester

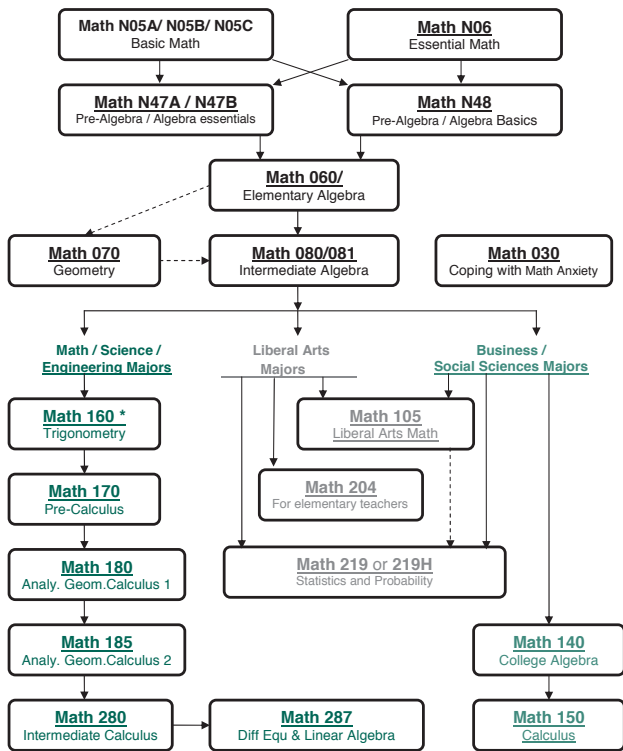
## MARKETING

<b>MARKETING 113, PRINCIPLES OF MARKETING</b> <span style="float: right;"><b>3.0 UNITS</b></span>						
<i>The process of developing products that will satisfy the many needs of consumers and businesses. Includes market research techniques, pricing, distribution, and promotion.</i>						
87898				Shweiri G	SAC WEB	Full Semester
Section 87898 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.						
92303	11:00a-12:25p	Tu Th		Carr B	SAC A-203	Full Semester
87900	7:00p-10:10p	M		Carr B	SAC A-203	Full Semester
<b>MARKETING 123, MARKETING AND TECHNOLOGY - TRENDS AND CUTTING EDGES</b> <span style="float: right;"><b>1.0 UNIT</b></span>						
<i>This course will cover the latest trends in mixed marketing technologies. Learn to use the latest technologies to drive awareness, create demand, and close sales. Discover the latest trends, strategies, and tools for using technology for marketing what they are, how they work, and how to get started.</i>						
87901	6:00p-10:00p	Th		Hie M	SAC A-226	08/28-09/18
<b>MARKETING 124, CAUSE MARKETING AND PUBLIC RELATIONS - DOING WELL BY DOING GOOD</b> <span style="float: right;"><b>1.0 UNIT</b></span>						
<i>This course will cover how companies can be successful by doing good, helping society and people. Learn about not-for-profit businesses and socially responsible for-profit businesses. Learn how authentic corporate giving, cause marketing and the power of public relations can help drive the triple bottom line profits, people and planet.</i>						
87902	6:00p-10:00p	Th		Romero C	SAC A-226	09/25-10/16
<b>MARKETING 125, ADVERTISING AND PROMOTION - GET THE WORD OUT AND KEEP YOUR CUSTOMERS BUYING</b> <span style="float: right;"><b>2.0 UNITS</b></span>						
<i>This course will provide students with an in-depth look into cutting edge advertising and promotion strategies used by small, medium and large companies. Students will learn how to create an advertising campaign, including the planning, costs and creative design process. Students will learn how promotions are used to increase sales, to build brand loyalty and to build relationship with customers.</i>						
87903				Shweiri G	SAC WEB	08/25-10/17
Section 87903 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.						
<b>MARKETING 126, DISTRIBUTING PRODUCT AND SERVICES - REACHING CUSTOMERS WHERE THEY SHOP</b> <span style="float: right;"><b>2.0 UNITS</b></span>						
<i>This course will teach the latest and most cost effective strategies to reach your customer. Students will learn how an efficient B2B and/or B2C distribution system utilizing marketing intermediaries, direct sales, online distribution, and global markets can increase profits. Supply Chain strategies, channel evaluation and relationships will be highlighted.</i>						
88143				Stewart L	SAC WEB	10/20-12/12
Section 88143 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Make sure your current email is in personal information.						

### Academic Planning Questions?

www.sac.edu/online\_counseling

## Mathematics Course Sequences



**Note:** Where a student places in the sequence will depend upon previous background and test scores. Check prerequisites for all courses.

**Note:** Students planning to transfer to a four-year school should work carefully with a counselor and the catalog of the school of transfer. A college major be chosen by the end of Math 080/081 to ensure enrollment in the most appropriate subsequent class.

\*Geometry is prerequisite. (successful completion of a high school geometry course meets this requirement).

## MATHEMATICS

### Mathematic Course Icons

**CAI**

Students will be required to use the internet for this class. Assignments and/or quizzes submitted via the internet..



Graphing Calculators will be required.  
TI-84+ Recommended

#### MATHEMATICS N06, ESSENTIAL MATHEMATICS

**3.0 UNITS**

Reviews whole numbers, fractions, decimals, percents, geometric formulas and signed numbers. Not applicable to associate degree.

Prerequisite: Must obtain a score of 11 or higher on the Level 1 Math Placement Test.

CAI 87816	7:30a-9:35a	M W	Hoang K	SAC L-207	Full Semester
CAI 87817	9:45a-11:50a	Tu Th	Youssef M	SAC L-207	Full Semester
CAI 87818	12:00p-2:05p	M W	Rogers N	SAC L-207	Full Semester
CAI 87819	5:00p-7:05p	Tu Th	Galima L	SAC L-207	Full Semester
CAI 87820	7:45p-9:50p	M W	Gonzalez A	SAC L-207	Full Semester

#### MATHEMATICS N48, PRE-ALGEBRA/ALGEBRA BASICS

**4.0 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 N05C with a minimum grade of P or Mathematics N06 with a minimum grade of C or placement into Mathematics N48 on the Math Level 1 Exam and a course equivalent to Mathematics N05 or N06.

87821 8:00a-10:05a M W Rogers N SAC R-113 Full Semester  
Section 87821 is linked to Counseling 107, The Freshman Experience, Section 86311.

Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

W 87843 8:00a-12:15p Sa Pilz L SAC R-113 Full Semester  
87822 8:30a-10:35a Tu Th Marecek L SAC R-113 Full Semester  
Section 87822 is linked to Counseling 107, The Freshman Experience, Section 86318.

Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

87823	10:15a-12:20p	M W	Anthony M	SAC R-113	Full Semester
87824	10:45a-12:50p	Tu Th	Anthony M	SAC R-113	Full Semester
87840	12:00p-2:05p	Tu Th	Sandoval-Martinez M	SAC L-207	Full Semester
87841	12:00p-2:05p	M W	Hoang K	SAC H-104	Full Semester
87829	12:30p-2:35p	M W	Shirman T	SAC R-113	Full Semester
88422	12:45p-2:50p	Tu Th	Lui R	SAC R-303	Full Semester
87825	1:00p-3:05p	Tu Th	Staff	SAC R-113	Full Semester
87842	2:45p-4:50p	M W	Hashemi S	SAC R-113	Full Semester
87831	3:15p-5:20p	Tu Th	Zeller M	SAC R-113	Full Semester
87836	5:30p-7:35p	M W	Staff	SAC R-113	Full Semester

Section 87836 is linked to Counseling 107, The Freshman Experience, Section 88941.  
Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

87826	5:30p-7:35p	Tu Th	Zeller M	SAC R-113	Full Semester
87834	7:45p-9:50p	Tu Th	Galima L	SAC R-113	Full Semester
88415	7:45p-9:50p	M W	Staff	SAC R-113	Full Semester

#### MATHEMATICS 060, ELEMENTARY ALGEBRA

**4.0 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 minimum grade of C; 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 88032	4:00p-6:00p	F	Solheid C	SAC HYBRID	Full Semester
W 88032	4:00p-6:00p	F	Solheid C	SAC I-204	

Section 88032 Online instruction with required exam meeting dates on-campus: Fri, 9/26, 10/24, 11/21, and 12/12; 4:00p-6:00p, SAC I-204. Between the dates of 8/20 to 8/22 email the instructor at solheid\_christa@sac.edu for instructions on how to view the mandatory orientation. Students are required to logon to Blackboard on the first day of classes:  
<http://rsccd.blackboard.com>.

CAI 88025	7:00a-9:05a	Tu Th	Lechuga J	SAC I-203	Full Semester
CAI 88029	7:30a-9:35a	M Tu W Th	Powers R	SAC R-318	08/25-10/16

Fast Track to Success-Section 88029 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 86371, Counseling N45, Orientation to College, Section 86673 Math 080, Intermediate Algebra, Section 88038. Enrollment in all sections is mandatory. E-mail counselor for more information ([fernandezweston\\_cathy@sac.edu](mailto:fernandezweston_cathy@sac.edu)).

CAI 87997	7:30a-9:35a	Tu Th	Sandoval-Martinez M	SAC I-102	Full Semester
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Section 87997 is linked to Counseling 107, The Freshman Experience, Section 86312.  
Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

87990	8:00a-10:05a	M W	Shirman T	SAC I-102	Full Semester
CAI 88007	9:45a-11:50a	Tu Th	Lechuga J	SAC H-104	Full Semester

Section 88007 is linked to Counseling 107, The Freshman Experience, Section 86320.  
Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information..

CAI 88026	10:15a-12:20p	M W	Staff	SAC I-102	Full Semester
CAI 88016	11:30a-1:35p	Tu Th	Staff	SAC I-102	Full Semester

CAI 87996	12:00p-2:05p	Tu Th	Rogers N	SAC I-203	Full Semester
CAI 87991	12:00p-2:05p	Tu Th	Staff	SAC F-103	Full Semester

87999 2:45p-4:50p M Tu W Th Meier K SAC I-102 08/25-10/16  
Fast Track to Success-Section 87999 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 86372, Counseling N45, Orientation to College, Section 86675, and Math 080, Intermediate Algebra, Section 88045. Enrollment in all sections is mandatory. E-mail counselor for more information ([fernandezweston\\_cathy@sac.edu](mailto:fernandezweston_cathy@sac.edu)).

CAI 88019	2:45p-4:50p	M W	Hager B	SAC H-109	Full Semester
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Section 88019 is linked to Counseling 107, The Freshman Experience, Section 86307.  
Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

CAI 88017	4:00p-6:05p	Tu Th	Lui R	SAC I-204	Full Semester
CAI 88024	5:00p-7:05p	Tu Th	Elizondo G	SAC I-203	Full Semester

88002	5:00p-7:05p	M W	Hashemi S	SAC H-104	Full Semester
CAI 87993	5:00p-7:05p	M W	Mahoney J	SAC I-204	Full Semester
CAI 88001	5:30p-7:35p	M W	Felton D	SAC I-203	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
CAI 88030	6:00p-8:05p	M Tu W Th	Meyers Giddings J	SAC R-303	08/25-10/16

Fast Track to Success-Section 88030 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 88952, and Math 080, Intermediate Algebra, Section 88042. Enrollment in all sections is mandatory. E-mail counselor for more information ([palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu)).

CAI 88028	7:15p-9:20p	M W	Mahoney J	SAC I-102	Full Semester
89294	7:15p-9:20p	M Tu W Th	Camacho O	SAC I-204	08/25-10/16

Fast Track to Success-Section 89294 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 89316, and Math 080, Intermediate Algebra, Section 89295. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

**MATHEMATICS 070, GEOMETRY 3.0 UNITS**  
*Basic Euclidean geometry. Includes concepts of lines, planes, triangles, congruence, proofs, inequalities, parallel lines, similarity, areas, and volumes.*

Prerequisite: Mathematics 060 with a minimum grade of C or placement into Mathematics 070 on the mathematics level 2 placement exam and a course equivalent to mathematics.

87731	1:15p-3:20p	Tu Th	Nguyen H	SAC H-109	Full Semester
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**MATHEMATICS 080, INTERMEDIATE ALGEBRA 4.0 UNITS**  
*Systems of equations; inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions, problem solving.*

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

H 88044	6:00p-8:00p	F	Vu D	SAC HYBRID	Full Semester
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Section 88044 Online instruction with required exam meeting dates on-campus: Fri, 9/26, 10/24, 11/21, and 12/12; 6:00p-8:00p, SAC I-203. Between the dates of 8/20 to 8/22 email the instructor at [vu\\_dahlia@sac.edu](mailto:vu_dahlia@sac.edu) for instructions on how to view the mandatory orientation. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>.

CAI 88038	7:30a-10:20a	M Tu W Th	Powers R	SAC R-318	10/20-12/11
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Fast Track to Success-Section 88038 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 86371, Counseling N45, Orientation to College, Section 86673, and Math 060, Elementary Algebra, Section 88029. Enrollment in all sections is mandatory. E-mail counselor for more information ([fernandezweston\\_cathy@sac.edu](mailto:fernandezweston_cathy@sac.edu)).

W 88037	8:00a-1:20p	Sa	Maiah A	SAC I-203	Full Semester
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CAI 88046	8:00a-1:20p	F	McKowan-Bourguignon L	SAC I-204	Full Semester
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88045 2:45p-5:35p M Tu W Th Meier K SAC I-102 10/20-12/11  
 Fast Track to Success-Section 88045 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 86372, Counseling N45, Orientation to College, Section 86675, and Math 060, Elementary Algebra, Section 87999. Enrollment in all sections is mandatory. E-mail counselor for more information ([fernandezweston\\_cathy@sac.edu](mailto:fernandezweston_cathy@sac.edu)).

CAI 88042	6:00p-8:50p	M Tu W Th	Meyers Giddings J	SAC R-303	10/20-12/11
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Fast Track to Success-Section 88042 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 88952, and Math 060, Elementary Algebra, Section 88030. Enrollment in all sections is mandatory. E-mail counselor for more information ([palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu)).

89295	7:15p-10:05p	M Tu W Th	Camacho O	SAC I-204	10/20-12/11
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Fast Track to Success-Section 89295 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 89316, and Math 060, Intermediate Algebra, Section 89294. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

**MATHEMATICS 081, INTERMEDIATE ALGEBRA WITH LAB 4.0 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 with a minimum grade of C; or placement into Math 080 or 081 on the Mathematics level 2 placement exam and a course equivalent to Mathematics 060.

88059	6:15a-8:45a	M W	Minasian A	SAC H-104	Full Semester
CAI 88063	7:00a-9:30a	Tu Th	Nguyen K	SAC H-107	Full Semester
CAI 88056	8:15a-10:45a	Tu Th	Rogers N	SAC R-114	Full Semester
CAI 88060	9:00a-11:30a	M W	Lechuga J	SAC I-203	Full Semester
CAI 88066	9:15a-11:45a	M W	Vu D	SAC H-107	Full Semester
CAI 88062	10:15a-12:45p	M W	Staff	SAC R-114	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
88081	10:15a-12:45p	Tu Th	Everett M	SAC H-109	Full Semester

Section 88081 is linked to Counseling 107, The Freshman Experience, Section 86327. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

CAI 88079	11:45a-2:15p	M W	McKowan-Bourguignon L	SAC I-203	Full Semester
CAI 88065	12:00p-2:30p	Tu Th	Vu D	SAC H-107	Full Semester
88064	1:15p-3:45p	M W	Leeds K	SAC R-318	Full Semester
CAI 88047	1:15p-3:45p	M W	Lechuga J	SAC I-202	Full Semester
88051	2:15p-4:45p	M W	Bowers C	SAC H-107	Full Semester
CAI OER 88048	2:30p-5:00p	Tu Th	Shahbazian R	SAC R-318	Full Semester
88068	5:00p-7:30p	Tu Th	Nguyen T	SAC H-107	Full Semester
88090	5:00p-7:30p	M W	Bowers C	SAC B-31	Full Semester
CAI 88082	7:15p-9:45p	M W	Pai R	SAC H-105	Full Semester
88061	7:15p-9:45p	Tu Th	Maiah A	SAC I-203	Full Semester
88058	7:15p-9:45p	M W	Do M	SAC H-107	Full Semester

**Math 083 is a pathway to Math 105, Math 204 and/or Math 219**  
**Math 083 is not a pathway to Math 140 or Math 160**

**MATHEMATICS 083, BEGINNING AND INTERMEDIATE ALGEBRA FOR LIBERAL ARTS AND SOCIAL SCIENCE 6.0 UNITS**  
*A combined course in algebra that includes systems of equations, inequalities, graphs and functions, radicals, quadratic polynomials, rational expressions, exponential and logarithmic functions, problem solving aimed specifically at liberal arts and social science majors.*

Prerequisite: Mathematics N48 with a minimum grade of C; or a sufficient score on the Mathematics level 2 placement exam and a course equivalent to Mathematics N48 or 060.

CAI 888139	8:00a-11:10a	Tu Th	Mc Clure C	SAC H-105	Full Semester
CAI 88138	1:15p-4:25p	M W	Shahbazian R	SAC H-105	Full Semester

**MATHEMATICS 084, BEGINNING & INTERMEDIATE ALGEBRA 6.0 UNITS**  
*A combined course in algebra that includes systems of equations; inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions, problem solving.*

Prerequisite: Mathematics N48 with a minimum grade of C; or a sufficient score on the Mathematics level 2 placement exam and a course equivalent to Mathematics N48 or 060.

CAI 88137	7:30a-10:40a	M W	McKowan-Bourguignon L	SAC H-105	Full Semester
CAI 88141	11:30a-2:40p	Tu Th	Marecek L	SAC H-105	Full Semester
CAI 88142	6:00p-9:10p	Tu Th	Meier K	SAC H-105	Full Semester

**MATHEMATICS 087, MATH FOR ENGINEERS, I 7.0 UNITS**  
*Basic Euclidean geometry combined with a second course in algebra. Topics from Basic Euclidean Geometry include: concepts of lines, planes, triangles, congruence, proofs, inequalities, parallel lines, similarity, areas, and volumes. Topics from Algebra include: systems of equations, inequalities, graphs and functions, radicals, quadratic polynomials, rational expressions, exponential and logarithmic functions, and problem solving.*

Prerequisite: Mathematics 060 with a minimum grade of C; or placement into Mathematics 080 or 081 on the mathematics level 2 placement exam and a course equivalent to Mathematics 060.

87734	9:00a-11:15a	M Tu W Th	Hager B	SAC I-204	Full Semester
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Section 87734 Students must apply to participate in the O.C. Bridge 2 Engineering Program. Please contact Cheryl Cobbina through the Business Division in office A-107-16 or email at [Bridge2Engineering@sac.edu](mailto:Bridge2Engineering@sac.edu).

**MATHEMATICS 105, MATHEMATICS FOR LIBERAL ARTS STUDENTS 3.0 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 minimum grade of C or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080 or 081.

87553	7:15a-9:20a	Tu Th	Staff	SAC V-150	Full Semester
CAI 87546	8:00a-12:15p	F	Solheid C	SAC I-102	Full Semester
CAI 87544	9:45a-11:50a	M W	Bourouis-Benyassine A	SAC L-207	Full Semester
87547	12:30p-2:35p	M W	Heneks K	SAC H-109	Full Semester
CAI 87550	2:15p-4:20p	Tu Th	Nguyen K	SAC L-207	Full Semester
CAI 87549	3:00p-5:05p	Tu Th	Vu H	SAC H-105	Full Semester
87551	7:45p-9:50p	M W	Tran L	SAC B-31	Full Semester

**ATTENTION MATH 081 STUDENTS!**  
 All Math 081 students are automatically enrolled in the lab component for this class when they register. Students must satisfy the one hour per week lab attendance requirement. Students who do not attend lab during each of the first two weeks of school will be dropped from the class and will not be reinstated.

**Are you interested in majoring in Science, Technology, Engineering or Math? Have you thought about becoming a teacher? If careers in any of these fields excite you, then this program is for you!**



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[www.ENGAGEinSTEMSAC.com](http://www.ENGAGEinSTEMSAC.com)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**MATHEMATICS 140, COLLEGE ALGEBRA**

**4.0 UNITS**

Survey of advanced topics in algebra: equations, inequalities and functions involving polynomials, rationals, exponentials, and logarithms with applications and graphing; sequences and series. Prerequisite: Mathematics 080 or 081 with a minimum 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.

87742	6:00p-8:00p	F	Shahbazian R Shahbazian R	SAC HYBRID SAC I-204	Full Semester
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Section 87742 Online instruction with required exam meeting dates on-campus: Fri, 9/26, 10/24, 11/21, and 12/12; 6:00p-8:00p, SAC I-204. Between the dates of 8/20 to 8/22 email the instructor at shahbazian\_roy@sac.edu for instructions on how to view the mandatory orientation. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

87574	7:00a-9:05a	M W	Yi P	SAC H-107	Full Semester
87575	8:00a-12:15p	Sa	Staff	SAC I-204	Full Semester
87554	9:45a-11:50a	Tu Th	Staff	SAC H-107	Full Semester
87555	12:00p-2:05p	M W	Hager B	SAC H-107	Full Semester
87557	2:45p-4:50p	Tu Th	Staff	SAC H-107	Full Semester
87571	5:00p-7:05p	M W	Ro K	SAC H-107	Full Semester
87573	7:45p-9:50p	Tu Th	Bukauskas D	SAC H-107	Full Semester
87749	7:45p-9:50p	M W	Elgindi I	SAC I-203	Full Semester

**MATHEMATICS 150, CALCULUS FOR BIOLOGICAL, MANAGEMENT AND SOCIAL SCIENCES**

**4.0 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 minimum grade of C; or placement into Mathematics 150 on the Mathematics level 3 placement exam and a course equivalent to Mathematics 140.

88101	6:00p-8:00p	F	Everett M Everett M	SAC HYBRID SAC L-207	Full Semester
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Section 88101 Online instruction with required exam meeting dates on-campus: Fri, 9/26, 10/24, 11/21, and 12/12; 6:00p-8:00p, SAC L-207. Between the dates of 8/20 to 8/22 email the instructor at everett\_mike@sac.edu for instructions on how to view the mandatory orientation. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

87756	7:00a-9:30a	Tu Th	Everett M	SAC R-111	Full Semester
87757	9:45a-12:15p	M W	Everett M	SAC H-109	Full Semester
87769	1:15p-3:45p	Tu Th	Solheid C	SAC I-204	Full Semester
87766	7:45p-10:15p	M W	Staff	SAC H-109	Full Semester

**MATHEMATICS 160, TRIGONOMETRY**

**4.0 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 minimum grade of C; or placement in Mathematics 160 with the Mathematics Level 3 Exam and courses equivalent to Mathematics 070 and 080 or 081.

87775	8:00a-10:05a	Tu Th	Yi P	SAC H-109	Full Semester
87776	11:00a-1:05p	M W	Mc Clure C	SAC H-105	Full Semester

STEM-Section 87776 is linked to Counseling 121, Introduction to STEM Study, Section 88235, and Counseling 116, Career/Life Planning and Personal Exploration, Section 88240. Enrollment in all sections is mandatory. See the Learning Communities II Program page in the class schedule for more information.

87798	1:00p-3:05p	M Tu W Th	Brown Z	SAC F-102	08/25-10/16
88431	1:45p-3:50p	M W	Lieu T	SAC I-204	Full Semester
87797	3:00p-5:05p	Tu Th	Cedeno J	SAC R-303	Full Semester
87777	5:00p-7:05p	M W	Sheldon J	SAC H-105	Full Semester
87781	6:30p-8:35p	Tu Th	Cedeno J	SAC H-109	Full Semester

**MATHEMATICS 170, PRE-CALCULUS MATHEMATICS**

**4.0 UNITS**

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

Prerequisite: Mathematics 160 with a minimum grade of C or equivalent skills as measured by the Math Level 4 Exam and a course equivalent to Mathematics 160.

87799	7:00a-9:30a	M W	Bourouis-Benyassine A	SAC H-109	Full Semester
87801	9:15a-11:45a	Tu Th	Kashi M	SAC I-203	Full Semester
87803	1:00p-3:50p	M Tu W Th	Brown Z	SAC F-102	10/20-12/11
87800	2:15p-4:45p	Tu Th	Ryan J	SAC I-203	Full Semester
87802	5:00p-7:30p	M W	Lieu T	SAC H-109	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**MATHEMATICS 180, ANALYTIC GEOMETRY AND CALCULUS I**

**4.0 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 or Mathematics 167 with a minimum grade of C; or equivalent skills as measured by the Math Level 4 Exam and a course equivalent to Mathematics 170.

87804	7:00a-9:30a	Tu Th	Youssef M	SAC H-104	Full Semester
87806	9:15a-11:45a	M W	Kashi M	SAC H-104	Full Semester
87807	2:15p-4:45p	M W	Ramirez J	SAC H-104	Full Semester
87808	2:15p-4:45p	Tu Th	Leeds K	SAC H-104	Full Semester
87805	5:00p-7:30p	Tu Th	Leeds K	SAC H-104	Full Semester

**MATHEMATICS 185, ANALYTIC GEOMETRY AND CALCULUS II**

**4.0 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 180/180H with a minimum grade of C.

87811	2:45p-5:15p	M W	Kashi M	SAC I-203	Full Semester
87809	3:45p-6:15p	Tu Th	Sill K	SAC H-109	Full Semester
87810	7:15p-9:45p	M W	Staff	SAC H-104	Full Semester

**MATHEMATICS 204, MATHEMATICAL CONCEPTS FOR ELEMENTARY SCHOOL TEACHERS**

**4.0 UNITS**

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

Prerequisite: Mathematics 080/081 with a minimum grade of C.

88103	7:15p-9:20p	Tu Th	Hendon S	SAC I-102	Full Semester
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**MATHEMATICS 219, STATISTICS AND PROBABILITY**

**4.0 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 Mathematics 081 with a minimum grade of C; or placement into Mathematics 219 on the Mathematics Level 3 placement Exam and a course equivalent to Mathematics 080 or 081.

88129	7:00a-9:30a	Tu Th	Staff	SAC L-207	Full Semester
88113	7:30a-10:00a	Tu Th	Sweeney G	SAC H-108	Full Semester
88105	7:30a-10:00a	M W	Sweeney G	SAC H-108	Full Semester
88121	8:00a-1:20p	F	Everett M	SAC H-108	Full Semester
88131	9:00a-2:20p	F	Bui M	SAC L-207	Full Semester
88123	10:15a-12:45p	Tu Th	Zarske J	SAC H-108	Full Semester
88125	10:15a-12:45p	M W	Sweeney G	SAC H-108	Full Semester
88109	1:00p-3:30p	M W	Anthony M	SAC H-108	Full Semester
88117	2:15p-4:45p	M W	Staff	SAC L-207	Full Semester
88115	4:30p-7:00p	M W	Elgindi I	SAC H-108	Full Semester
88111	4:30p-7:00p	Tu Th	Bowers C	SAC H-108	Full Semester
88424	5:00p-7:30p	M W	Tran L	SAC L-207	Full Semester
88119	7:15p-9:45p	M W	Tolentino J	SAC H-108	Full Semester
88127	7:15p-9:45p	Th	Pineda E	SAC L-207	Full Semester
88107	9:30a-12:00p	Sa	Pineda E	SAC H-108	Full Semester
88107	7:15p-9:45p	Tu Th	Vu H	SAC H-108	Full Semester

**MATHEMATICS 219H, HONORS STATISTICS AND PROBABILITY**

**4.0 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 Mathematics 081 with a minimum grade of C; 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.

88134	1:00p-3:30p	Tu Th	Mc Clure C	SAC H-108	Full Semester
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**MATHEMATICS 280, INTERMEDIATE CALCULUS**

**4.0 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 minimum grade of C.

87812	12:00p-2:05p	Tu Th	Sill K	SAC H-104	Full Semester
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**Academic Planning Questions?**

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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

### MEDICAL ASSISTANT 001, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL 1.0 - 6.0 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: 60 hours of nonpaid work hours = 1 unit; 75 hours of paid work hours = 1 unit. Maximum units per semester is 6. May be repeated. Grade: Pass/No Pass only.

Prerequisite: Medical Assistant 051A and Medical Assistant 055 with a minimum grade of C.  
 86269 11:00a-12:30p Tu Emley C SAC R-303-1 Full Semester  
 Section 86269 meets 8/26, 9/2, and 12/9 from 11:00am to 12:30pm at SAC R-303-1.  
 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.

86270 8:00a-12:00p F Emley C SAC R-307 09/19-09/19  
 12:30p-5:20p F Emley C SAC R-307

### MEDICAL ASSISTANT 051A, BEGINNING MEDICAL TERMINOLOGY 3.0 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.

86271 2:05p-5:15p M Emley C SAC R-307 Full Semester  
 86274 6:45p-9:55p Tu Emley C SAC R-128 Full Semester

### MEDICAL ASSISTANT 051B, ADVANCED MEDICAL TERMINOLOGY 3.0 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 with a minimum grade of C.  
 86275 2:05p-5:15p Tu Emley C SAC R-307 Full Semester  
 86276 6:00p-9:10p W Emley C SAC R-126 Full Semester

### MEDICAL ASSISTANT 053, MEDICAL ASSISTANT - ADMINISTRATIVE FRONT OFFICE 3.0 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.

86277 2:05p-5:15p W Seitz C SAC R-307 Full Semester  
 86278 6:00p-9:10p W Seitz C SAC R-307 Full Semester

### MEDICAL ASSISTANT 054, MEDICAL INSURANCE AND BILLING FORMS 3.0 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.

Prerequisite: Medical Assistant 051A with a minimum grade of C.  
 86279 1:00p-4:10p Tu Seitz C SAC R-303-1 Full Semester  
 86281 6:00p-9:10p M Randles D SAC R-303-1 Full Semester

### MEDICAL ASSISTANT 055, MEDICAL ASSISTANT - CLINICAL BACK OFFICE 3.0 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.

86282 2:05p-5:15p Th Coliflores R SAC R-307 Full Semester  
 86283 6:00p-9:00p Th Coliflores R SAC R-307 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## MUSIC

### MUSIC 009A, MUSIC LABORATORY 0.3 UNIT

Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Beginning level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.

Prerequisite: Concurrent enrollment in a music course.

Open Entry / Open Exit

86075 TBA Jin J SAC N-119 Full Semester  
 16 arranged hours per semester

### MUSIC 009B, MUSIC LABORATORY II 0.3 UNIT

Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. More advanced beginning level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.

Open Entry / Open Exit

86076 TBA Jin J SAC N-119 Full Semester  
 16 arranged hours per semester

### MUSIC 009C, MUSIC LABORATORY III 0.3 UNIT

Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Intermediate level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.

Prerequisite: Music 009B with a minimum grade of C and concurrent enrollment in a music class.

Open Entry / Open Exit

86077 TBA Jin J SAC N-119 Full Semester  
 16 arranged hours per semester

### MUSIC 009D, MUSIC LABORATORY IV 0.3 UNIT

Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Advanced level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.

Prerequisite: Music 009C with a minimum grade of C and concurrent enrollment in a music class.

Open Entry / Open Exit

86078 TBA Jin J SAC N-119 Full Semester  
 16 arranged hours per semester

### MUSIC 101, MUSIC APPRECIATION 3.0 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.

86085 Jones E SAC WEB Full Semester  
 Section 86085 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

86079 9:30a-10:55a M W Kim J SAC N-117 Full Semester  
 86080 9:30a-10:55a Tu Th Jin J SAC C-104 Full Semester  
 86081 11:00a-12:25p Tu Th Briones M SAC N-117 Full Semester  
 86082 11:00a-12:25p M W Lopez D SAC C-104 Full Semester  
 86083 7:00p-10:10p Tu Hung G SAC C-104 Full Semester

### MUSIC 103, JAZZ IN AMERICA 3.0 UNITS

A historical survey of the development and evolution of jazz in America from its earliest roots in African and European music. The study will also include the social and economic conditions which influenced this art form.

86089 9:30a-10:55a M W Jackson M SAC N-114 Full Semester  
 86091 9:30a-10:55a Tu Th Lopez D SAC N-114 Full Semester  
 86096 7:00p-10:10p Th Lopez D SAC C-104 Full Semester

### MUSIC 104, ROCK MUSIC HISTORY AND APPRECIATION 3.0 UNITS

Historical survey of rock music from its beginnings in the 50's to the present. Major rock and pop styles will be discussed. Personalities and musical styles will be related to the social, political, and cultural context of the time.

86097 7:00p-10:10p M Bush N SAC R-128 Full Semester

### MUSIC 109, READING AND MAKING MUSIC 2.0 UNITS

Introduction to music reading. Practical experience in learning how to perform melodies, rhythms and simple chords from a written score. Recommended for beginning instrumental and voice students, and those preparing for music theory.

86098 4:50p-6:55p M Jin J SAC N-106 Full Semester

## FIRST CLASS MEETING

Make sure you attend the first class meeting!

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**MUSIC 111, BASIC MUSIC THEORY AND MUSICIANSHIP I** **4.0 UNITS**

Introductory level course in music theory and its applications in traditional and modern musical practice. Includes detailed study of rhythm, notation, scales, intervals, chords, diatonic harmony and voice leading as well as sight singing and other musicianship skills. Ability to read music in at least one clef recommended. Required of music majors; open to non-majors.

86099	11:00a-1:05p	MW	Kehlenbach E	SAC N-117	Full Semester
			1 hour each week lab time required		
86100	6:00p-10:15p	Th	Kehlenbach E	SAC N-114	Full Semester
			1 hour each week lab time required		

**MUSIC 113A, BASIC MUSICIANSHIP SKILLS** **1.0 UNIT**

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.

86112	5:00p-6:05p	Th	Kehlenbach E	SAC N-106	Full Semester
			1 hour arranged each week		

**MUSIC 113B, MUSICIANSHIP SKILLS** **1.0 UNIT**

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.

86122	5:00p-6:05p	Th	Kehlenbach E	SAC N-106	Full Semester
			1 hour arranged each week		

**MUSIC 114A, MUSICIANSHIP** **1.0 UNIT**

Competency-based sightsinging, rhythm, ear training, dictation (melodic/harmonic) for performers and transferring music majors. Arranged hours in Music Lab for computer programs and aural exercises.

86127	6:00p-7:05p	Th	Kehlenbach E	SAC N-105	Full Semester
			2 hours arranged each week		

**MUSIC 114B, MUSICIANSHIP** **1.0 UNIT**

Competency-based sightsinging, rhythm, ear training, dictation (melodic/harmonic) for performers and transferring music majors. Arranged hours in Music Lab for computer programs and aural exercises. B semester uses more advanced materials.

86132	6:00p-7:05p	Th	Kehlenbach E	SAC N-105	Full Semester
			2 hours arranged each week		

**MUSIC 115A, APPLIED MUSIC (PRIVATE INSTRUCTION)** **1.0 UNIT**

Weekly lesson in voice, piano, band/orchestral instrument or classical guitar. Five hours on-campus practice per week and attendance at weekly recital required. B, C, and D semesters require study of more advanced repertoire. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course.

Prerequisite: Audition and concurrent enrollment in either a music ensemble or music theory course.					
Open Entry / Open Exit					
86134	TBA		Lopez D	SAC C-104	Full Semester
New students interested in Applied Music instruction should attend the orientation meeting Tues. August 26, 2014, 5:00p-6:00p, SAC, C-104. Auditions and other program requirements will be discussed. For more information call 714-564-5655.					

**MUSIC 115B, APPLIED MUSIC (PRIVATE INSTRUCTION)** **1.0 UNIT**

Weekly lesson in voice, piano, band/orchestral 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.

Prerequisite: Audition and concurrent enrollment in either a music ensemble or music theory course.					
Open Entry / Open Exit					
86152	TBA		Lopez D	SAC C-104	Full Semester
New students interested in Applied Music instruction should attend the orientation meeting Tues. August 26, 2014, 5:00p-6:00p, SAC, C-104. Auditions and other program requirements will be discussed. For more information call 714-564-5655.					

**MUSIC 115C, APPLIED MUSIC (PRIVATE INSTRUCTION)** **1.0 UNIT**

Weekly lesson in voice, piano, band/orchestral instrument or classical guitar covering more advanced repertoire than Music 115B. 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.

Prerequisite: Audition and concurrent enrollment in either a music ensemble or music theory course.					
Open Entry / Open Exit					
86158	TBA		Lopez D	SAC C-104	Full Semester
New students interested in Applied Music instruction should attend the orientation meeting Tues. August 26, 2014, 5:00p-6:00p, SAC, C-104. Auditions and other program requirements will be discussed. For more information call 714-564-5655.					

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

**Concert Choir, Music 135**  
**Chamber Choir, Music 137**  
**Concert Band, Music 171**  
**The Jazz Ensemble, Music 175**  
**'Don' Mariachi, Music 178**  
**Chamber Orchestra, Music 181**  
**Guitar Ensemble, Music 189**

For more information on instrumental classes contact David Lopez, 714-564-5652  
 lopez\_david@sac.edu

For choirs contact Elliott Jones, 714-564-5656  
 jones\_elliott@sac.edu

**MUSIC 115D, APPLIED MUSIC (PRIVATE INSTRUCTION)** **1.0 UNIT**

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.

Prerequisite: Audition and concurrent enrollment in either a music ensemble or music theory course.					
Open Entry / Open Exit					
86159	TBA		Lopez D	SAC C-104	Full Semester
New students interested in Applied Music instruction should attend the orientation meeting Tues. August 26, 2014, 5:00p-6:00p, SAC, C-104. Auditions and other program requirements will be discussed. For more information call 714-564-5655.					

**MUSIC 121, BEGINNING VOICE** **1.0 UNIT**

Group instruction designed to develop basic principles of solo and choral voice production, diction, breath control, and posture. Practice outside of class required. Recommended for non music majors and for music majors not studying privately.

86177	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
86231	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	

**MUSIC 122, INTERMEDIATE VOICE** **1.0 UNIT**

Group instruction designed to develop intermediate principles of solo and choral voice production, diction, breath control and posture. Vocal analysis of each student emphasized. Practice outside of class required. Song literature matched to student level. Designed for both music majors and non music majors.

Prerequisite: Music 121 with a minimum grade of C.					
86179	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
86232	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	

**MUSIC 123, ADVANCED VOICE** **1.0 UNIT**

Group instruction designed to present advanced vocal exercises for solo and choral vocal production. Instruction includes song literature in English and several foreign languages. Practice outside of class required. Designed for both music majors and non music majors.

Prerequisite: Music 122 with a minimum grade of C.					
86181	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
86238	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	

**Online Counseling Now Available!**  
[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>MUSIC 124, ADVANCED VOCAL PRODUCTION AND REPERTOIRE 1.0 UNIT</b>					
<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 through a variety of vocalize 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 with a minimum grade of C.					
86184	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
86239	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	
<b>MUSIC 135, CONCERT CHORALE 1.0 UNIT</b>					
<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>					
86338	2:00p-3:25p	M W	Jones E	SAC N-117	Full Semester
1.5 hour arranged per week					
86341	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester
1.5 hours arranged per week					
<b>MUSIC 136, COLLEGIATE CHOIR 1.0 UNIT</b>					
<i>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.</i>					
86340	2:00p-3:25p	M W	Jones E	SAC N-117	Full Semester
86342	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester
<b>MUSIC 137, CHAMBER CHOIR 1.0 UNIT</b>					
<i>Rehearsal and performance of chamber choir repertoire from various historical periods. Course designed for festival and concert performance. Each semester requires the performance of new repertoire.</i>					
Prerequisite: Audition.					
86343	3:30p-4:50p	M W	Jones E	SAC N-117	Full Semester
1 hours arranged per week					
<b>MUSIC 141, INSTRUMENTAL ENSEMBLES 1.0 UNIT</b>					
<i>Study, rehearsal, and performance of music for small commercial instrumental groups. Music literature will differ each semester. Previous instrumental performance experience recommended. Audition required.</i>					
Prerequisite: Audition.					
86392	2:50p-5:55p	Th	Lopez D	SAC N-114	Full Semester
<b>MUSIC 142, CREATING MUSIC WITH MIDI 1.0 UNIT</b>					
<i>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.</i>					
86403	11:30a-12:35p	M W	Kehlenbach E	DMC-204	08/25-10/15
	12:45p-1:35p	M W	Kehlenbach E	DMC-204	
<b>MUSIC 143, INTERMEDIATE TECHNIQUES OF MIDI SEQUENCING 1.0 UNIT</b>					
<i>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.</i>					
Prerequisite: Music 142 with a minimum grade of C.					
86415	11:30a-12:35p	M W	Kehlenbach E	DMC-204	10/20-12/10
	12:45p-1:35p	M W	Kehlenbach E	DMC-204	
<b>MUSIC 144, PROJECTS IN ELECTRONIC MUSIC 1.0 UNIT</b>					
<i>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.</i>					
Prerequisite: Music 143 or Music 147 with a minimum grade of C.					
91034	11:30a-12:35p	M W	Kehlenbach E	DMC-204	10/20-12/10
	12:45p-1:35p	M W	Kehlenbach E	DMC-204	
86426	12:00p-1:05p	Tu Th	Kehlenbach E	DMC-204	10/21-12/11
	1:15p-2:20p	Tu Th	Kehlenbach E	DMC-204	
<b>MMUSIC 146, DIGITAL RECORDING STUDIO TECHNIQUES I 2.0 UNITS</b>					
<i>Introductory class in computer-based hard disk recording. Emphasis on digital sound manipulation, editing, mixdown, and microphone techniques.</i>					
86419	12:00p-1:25p	Tu Th	Kehlenbach E	DMC-204	08/26-10/16
	1:35p-3:00p	Tu Th	Kehlenbach E	DMC-204	
86420	6:00p-9:20p	M	Staff	DMC-204	08/25-10/15
	6:00p-9:20p	W	Staff	DMC-204	
<b>MUSIC 147, DIGITAL RECORDING STUDIO TECHNIQUES II 2.0 UNITS</b>					
<i>Continuation of Digital Recording Studio Techniques I. Further study of digital sound manipulation including digital effects, compression, equalization, editing on a digital mixer, live recording techniques and CD production.</i>					
Prerequisite: Music 146 with a minimum grade of C.					
86422	12:00p-1:25p	Tu Th	Kehlenbach E	DMC-204	10/21-12/11
	1:35p-3:00p	Tu Th	Kehlenbach E	DMC-204	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>MUSIC 149, THE BUSINESS OF MUSIC 2.0 UNITS</b>					
<i>Introduction to the business and legal aspects of the music industry. This course covers current trends and issues for performing and recording careers in music. Topics include copyright, royalties, recording contracts, performing rights organizations, publishing, and publicity.</i>					
86449	5:50p-7:55p	Tu	Wilsey D	DMC-203	Full Semester
<b>MUSIC 161, CLASS PIANO I 1.0 UNIT</b>					
<i>Group instruction for beginners emphasizing note reading, basic keyboard skills, chord patterns and sight reading. Practice outside of class required. Practice pianos available on campus. Required for music majors whose principal instrument is not piano.</i>					
86251	12:30p-1:25p	Tu	Jim J	SAC N-106	Full Semester
	12:30p-1:25p	Th	Jim J	SAC N-106	
86256	1:30p-2:25p	M	Blake P	SAC N-106	Full Semester
	1:30p-2:25p	W	Blake P	SAC N-106	
86253	6:00p-6:55p	Tu	Nguyen H	SAC N-106	Full Semester
	7:00p-7:55p	Tu	Nguyen H	SAC N-106	
86272	6:00p-6:55p	Th	Kim J	SAC N-106	Full Semester
	7:00p-7:55p	Th	Kim J	SAC N-106	
86264	7:00p-7:55p	M	Jim J	SAC N-106	Full Semester
	8:00p-8:55p	M	Jim J	SAC N-106	
<b>MUSIC 162, CLASS PIANO II 1.0 UNIT</b>					
<i>Group instruction for those possessing basic piano skills, but still classified as beginners. Emphasizes note reading, keyboard technique, chord patterns, sightreading. Daily practice required. Practice pianos available on campus. Required for music majors whose principal instrument is not piano.</i>					
Prerequisite: Music 161 with a minimum grade of C.					
86321	11:00a-11:55a	Tu	Jim J	SAC N-106	Full Semester
	11:00a-11:55a	Th	Jim J	SAC N-106	
86288	6:00p-6:50p	W	Jim J	SAC N-106	Full Semester
	7:00p-7:55p	W	Jim J	SAC N-106	
<b>MUSIC 163, CLASS PIANO III 1.0 UNIT</b>					
<i>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.</i>					
Prerequisite: Music 162 with a minimum grade of C.					
86322	11:30a-12:25p	Tu	Jim J	SAC N-106	Full Semester
	11:30a-12:25p	Th	Jim J	SAC N-106	
86295	7:00p-7:50p	W	Jim J	SAC N-106	Full Semester
	8:00p-9:05p	W	Jim J	SAC N-106	
<b>MUSIC 164A, INTERMEDIATE PIANO REPERTOIRE I 1.0 UNIT</b>					
<i>Instruction for intermediate level students. Emphasizes solo material, technique, sight reading, interpretation, and performance. Daily practice required. Practice pianos available on campus.</i>					
Prerequisite: Music 163 with a minimum grade of C.					
86324	11:30a-12:25p	Tu	Jim J	SAC N-106	Full Semester
	11:30a-12:25p	Th	Jim J	SAC N-106	
86298	8:25p-9:05p	W	Jim J	SAC N-106	Full Semester
	7:00p-8:25p	W	Jim J	SAC N-106	
<b>MUSIC 164B, INTERMEDIATE PIANO REPERTOIRE II 1.0 UNIT</b>					
<i>Continuation of instruction for advanced intermediate level students. Emphasizes solo material, technique, sight reading, and performance. Daily practice required. Practice pianos available on campus.</i>					
Prerequisite: Music 164A with a minimum grade of C.					
86326	11:30a-12:25p	Tu	Jim J	SAC N-106	Full Semester
	11:30a-12:25p	Th	Jim J	SAC N-106	
86301	8:25p-9:05p	W	Jim J	SAC N-106	Full Semester
	7:00p-8:25p	W	Jim J	SAC N-106	
<b>MUSIC 168, STYLISTIC INTERPRETATION OF PIANO REPERTOIRE 1.0 UNIT</b>					
<i>Style characteristics of Baroque, Classical, Romantic and 20th Century music studied through representative piano compositions. Students learn to play expressively within currently accepted performance practices for each period. Not for beginners.</i>					
Prerequisite: Music 164B with a minimum grade of C.					
86304	7:00p-7:50p	W	Jim J	SAC N-106	Full Semester
	8:00p-9:05p	W	Jim J	SAC N-106	
<b>MUSIC 171, CONCERT BAND 1.0 UNIT</b>					
<i>Study and rehearsal of band music for concert performances on campus and in the community. Each semester requires performance of new and different repertoire. Designed for students with basic performance skills.</i>					
86349	7:00p-10:15p	W	Lopez D	SAC N-114	09/03-12/10
<b>MUSIC 175, JAZZ ENSEMBLE 1.0 UNIT</b>					
<i>Study, rehearsal, and performance of contemporary jazz/rock music for the jazz ensemble with help in developing techniques of improvisation. Each semester requires performance of new and different jazz repertoire. Designed for students with basic performance skills.</i>					
86387	6:50p-10:15p	M	Lopez D	SAC N-114	09/08-12/08

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>MUSIC 176, JAZZ BAND 1.0 UNIT</b>					
<i>Advanced study, rehearsal, and performance of standard and contemporary jazz literature. Includes advanced techniques in improvisation. Each semester requires performance of new and different repertoire. Designed for students with basic performance skills.</i>					
86388	6:50p-10:00p	M	Lopez D	SAC N-114	09/08-12/08
<b>MUSIC 178, MARIACHI 1.0 UNIT</b>					
<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 different repertoire. Designed for students who have basic performance skills.</i>					
86389	2:50p-5:55p	Th	Lopez D	SAC N-114	Full Semester
<b>MUSIC 180A, STRING METHODS 1.0 UNIT</b>					
<i>Beginning instruction on violin, viola, cello or string bass. Fundamental skills developed through in-class rehearsal and performance of technical exercises and beginning orchestral repertoire.</i>					
86395	7:00p-7:50p	Tu	Lopez D	SAC N-114	09/02-12/09
	8:00p-9:05p	Tu	Lopez D	SAC N-114	
<b>MUSIC 180B, INTERMEDIATE STRING METHODS 1.0 UNIT</b>					
<i>Intermediate instruction on violin, viola, cello or string bass. skills developed through in-class rehearsal and performance of intermediate technical exercises and orchestral repertoire.</i>					
Prerequisite: Music 180A with a minimum grade of C.					
86396	7:00p-7:50p	Tu	Lopez D	SAC N-114	09/02-12/09
	8:00p-9:05p	Tu	Lopez D	SAC N-114	
<b>MUSIC 181, CHAMBER ORCHESTRA 1.0 UNIT</b>					
<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>					
86393	7:00p-10:15p	Tu	Lopez D	SAC N-114	09/02-12/09
<b>MUSIC 185, BEGINNING CLASSICAL GUITAR 1.0 UNIT</b>					
<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>					
86328	10:00a-10:55a	Sa	Adele D	SAC N-114	Full Semester
	11:00a-11:55a	Sa	Adele D	SAC N-114	
86329	5:50p-6:40p	M	Giraldin M	SAC N-117	Full Semester
	6:50p-7:40p	M	Giraldin M	SAC N-117	
<b>MUSIC 186, INTERMEDIATE CLASSICAL GUITAR 1.0 UNIT</b>					
<i>Instruction at the intermediate level in solo, duo and trio repertoire. Emphasizes technique studies and performance styles of 18th century music. Student must provide nylon string guitar.</i>					
Prerequisite: Music 185 with a minimum grade of C.					
86331	8:00p-8:50p	M	Giraldin M	SAC N-117	Full Semester
	9:00p-10:05p	M	Giraldin M	SAC N-117	
<b>MUSIC 187, ADVANCED CLASSICAL GUITAR 1.0 UNIT</b>					
<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 with a minimum grade of C.					
86333	8:00p-9:40p	M	Giraldin M	SAC N-117	Full Semester
	9:40p-10:05p	M	Giraldin M	SAC N-117	
<b>MUSIC 188, ADVANCED CLASSICAL GUITAR TECHNIQUE AND REPERTOIRE 1.0 UNIT</b>					
<i>Study of advanced guitar technique, solo literature and performance practices of Renaissance, Baroque, and Classical styles through 20th century music. Student must provide nylon string guitar.</i>					
Prerequisite: Music 187 with a minimum grade of C.					
86336	8:00p-9:25p	M	Giraldin M	SAC N-117	Full Semester
	9:25p-10:05p	M	Giraldin M	SAC N-117	
<b>MUSIC 189, GUITAR ENSEMBLE 1.0 UNIT</b>					
<i>Rehearsal and performance of standard and current repertoire for guitar ensemble. Each semester requires the performance of a variety of different repertoire. Designed for students who can read notes in first position.</i>					
86400	12:15p-3:25p	Sa	Adele D	SAC N-114	Full Semester
<b>MUSIC 213, THEORY 3 3.0 UNITS</b>					
<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 with a minimum grade of C.					
86107	7:00p-10:10p	Th	Kehlenbach E	SAC N-117	Full Semester
<b>MUSIC 215A, APPLIED MUSIC (ADVANCED PRIVATE INSTRUCTION) 1.0 UNIT</b>					
<i>Advanced lessons in classical music in voice, piano, band/orchestral instrument or guitar. Weekly requirements include, five hours on-campus practice per week, weekly lessons and weekly recital attendance.</i>					
Prerequisite: Music 115D with a minimum grade of C and audition. Concurrent enrollment in a music ensemble or music theory course.					
86165	TBA		Lopez D	SAC C-104	Full Semester
16 arranged hours per semester					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>MUSIC 241, CHAMBER MUSIC ENSEMBLE 1.0 UNIT</b>					
<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>					
Prerequisite: Audition.					
86401	12:15p-3:25p	Sa	Adele D	SAC N-117	Full Semester
86345	3:30p-4:45p	M W	Jones E	SAC N-117	Full Semester
86397	7:00p-10:15p	Tu	Lopez D	SAC N-114	09/02-12/09
<b>MUSIC 268, INTERMEDIATE KEYBOARD REPERTOIRE 1.0 UNIT</b>					
<i>Style characteristics of Baroque, Classical, Romantic and 20th Century music studied through intermediate level piano compositions. Students learn to play expressively within currently accepted performance practices for each period.</i>					
Prerequisite: Music 168 with a minimum grade of C.					
86306	7:00p-7:50p	W	Jin J	SAC N-106	Full Semester
	8:00p-9:05p	W	Jin J	SAC N-106	
<b>MUSIC 271, SYMPHONIC BAND 1.0 UNIT</b>					
<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>					
86353	7:00p-10:15p	W	Lopez D	SAC N-114	09/03-12/10

## NURSING-REGISTERED

<b>NURSING-REGISTERED 101, NURSING PROCESS: NON-CRITICAL ADULTS 4.5 UNITS</b>					
<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: Biology 239, Biology 249, Biology 139 or 229, and English 101/101H with a minimum grade of C. Concurrent enrollment in Nursing-Registered 101L.					
86101	10:45a-1:00p	W	Schroeder B	SAC B-4	Full Semester
	1:00p-3:15p	Th	Paunovic M	SAC B-4	
ALL Registered Nursing 101 students are to pay a Kaplan testing fee. Directions for paying the fee will be explained at the first class meeting.					
86102	5:00p-8:35p	Th	Haglund B	SAC SJH	07/24-12/11
ALL Registered Nursing 101 students are to pay a Kaplan testing fee. Directions for paying the fee will be explained at the first class meeting.					
<b>NURSING-REGISTERED 101L, NURSING ACTIONS: NON-CRITICAL ADULTS 5.0 UNITS</b>					
<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: Biology 239, Biology 249, Biology 139 or 229, and English 101/101H with a minimum grade of C; Concurrent enrollment in Nursing-Registered 101.					
86104	TBA		Trinh T	SAC WMC	08/25-12/02
All Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.					
86105	TBA		Soto M	SAC Kaiser-A	08/25-12/02
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.					
86106	TBA		Horgan L	SAC SJH	08/25-12/02
All Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.					
86108	TBA		Schroeder B	SAC FV	08/25-12/02
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.					
86109	TBA		Paunovic M	SAC SJH	07/26-12/06
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.					
86110	TBA		Haglund B	SAC FV	07/26-12/06
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.					

<b>NURSING-REGISTERED 102, NURSING PROCESS: WOMEN, PARENTS, AND CHILDREN 4.0 UNITS</b>					
<i>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.</i>					
Prerequisite: Nursing-Registered 101, 101L, 103, 112 with a minimum grade of C. Concurrent enrollment in Nursing-Registered 102L.					
86111	11:45a-1:50p	W	Giroux R	SAC R-126	Full Semester
	2:40p-4:45p	Th	Bass S	SAC R-126	
All Registered Nursing 102 students are to pay a Kaplan testing fee. Directions for paying the fee will be explained in class.					



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**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 with a minimum grade of C. Concurrent enrollment in Nursing-Registered 102.

86113	TBA		Bass S	SAC MH	Full Semester
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 220 clinical hours to be arranged.					
86114	TBA		Ettinger B	SAC FV	Full Semester
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 220 clinical hours to be arranged.					
86115	TBA		Giroux R	SAC SJH	Full Semester
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 220 clinical hours to be arranged.					
86116	TBA		Weinfeld J	SAC FV	Full Semester
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 3.0 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 with a minimum grade of C.

86250	1:30p-4:40p	W	Horgan L	SAC R-124	Full Semester
NRN-103 is part of the multi-criteria admission process for points. This course no longer requires a letter from Nursing to take the course prior to the first semester of the Nursing Program.					

**NURSING-REGISTERED 106A, HEALTH SCIENCES SKILLS LABORATORY - FIRST SEMESTER 0.5 UNIT**

*Supervised use with supplemental learning assistance of the skills lab to assist the student in the development of clinical competency of nursing fundamentals and mastery of fundamental psychomotor skills content addressed in courses NRN-101 and NRN-101L.*

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Open Entry / Open Exit					
86240	TBA		Steckler M	SAC R-203	Full Semester
24 hours arranged.					
86241	TBA		Duralde M	SAC SJH	07/31-12/04
24 hours arranged.					

**NURSING-REGISTERED 106B, HEALTH SCIENCES SKILLS LABORATORY - SECOND SEMESTER 0.5 UNIT**

*Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of nursing concepts pertaining to maternal-child health and mastery of psychomotor skills related to maternal-child biological and psychosocial needs addressed in courses NRN 102 and NRN 102L.*

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Open Entry / Open Exit					
86242	TBA		Steckler M	SAC R-203	Full Semester
24 hours arranged.					

**NURSING-REGISTERED 106C, HEALTH SCIENCES SKILLS LABORATORY - FIRST YEAR REFRESHER 0.5 UNIT**

*Supervised use with supplemental learning assistance of skills lab to assist the re-entry student or EMT student in the expansion of clinical competency of principles of nursing and mastery of basic to intermediate psychomotor skills content addressed in courses NRN 101, NRN 101L, NRN 102, NRN 102L, EMT 101 or EMT 105.*

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Open Entry / Open Exit					
86243	TBA		Steckler M	SAC R-203	Full Semester
24 hours arranged.					

**NURSING-REGISTERED 112, NURSING CONCEPTS 1.5 UNITS**

*Emphasizes development of the registered nurse including role, communication, nursing process, legal and ethical concepts, 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 101/101H, Biology 149 or Biology 239, Biology 249, Biology 139 or 229 with a minimum grade of C.

86255	11:00a-12:25p	Th	Coliflores R	SAC R-114	Full Semester
NRN-112 is part of the multi-criteria admission process for points. This course no longer requires a letter from Nursing to take the course prior to the first semester of the Nursing Program.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**NURSING-REGISTERED 200, ROLE TRANSITION 2.0 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. Review of test-taking strategies, medication calculations, fluid balance and skills testing. Open to all nursing students; required of advanced placement.*

Prerequisite: Acceptance into the Nursing Program.

86258	4:30p-6:35p	W	Ettinger B	SAC A-205	Full Semester
Letter of notification from the Nursing Program is required to register for NRN-200, section 86258.					

**NURSING-REGISTERED 201, NURSING PROCESS: CRITICAL BIOLOGICAL & PSYCHOSOCIAL SYSTEM NEEDS I 4.0 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 with a minimum grade of C. Concurrent enrollment in Nursing-Registered 201L.

86117	1:30p-3:35p	W	Stucken R	SAC A-205	Full Semester
	1:15p-3:20p	Th	Nick J	SAC A-205	
ALL Registered Nursing 201 students are to pay a Kaplan testing fee. Directions for paying the fee will be explained in class.					
86118	5:00p-8:10p	Th	Stucken R	SAC SJH	07/24-12/11
ALL Registered Nursing 201 students are to pay a Kaplan testing fee. Directions for paying the fee will be explained in class.					

**NURSING-REGISTERED 201L, NURSE ACTIONS: CRITICAL BIOLOGICAL AND PSYCHOSOCIAL SYSTEM NEEDS I 5.0 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 with a minimum grade of C. Concurrent enrollment in Nursing-Registered 201.

86119	TBA		Nick J	SAC UCI	08/25-12/08
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC, R-213. 240 clinical hours to be arranged.					
86120	TBA		Fuentes W	SAC COL	08/25-12/09
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.					
86121	TBA		Coliflores R	SAC SJH	08/25-12/08
All Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.					
86123	TBA		Stucken R	SAC COL	07/26-12/07
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC, R-213. 240 clinical hours to be arranged.					
86125	TBA		Horgan L	SAC SJH	07/26-12/07
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged.					

**NURSING-REGISTERED 202, NURSING PROCESS: CRITICAL BIOLOGICAL AND PSYCHOSOCIAL SYSTEM NEEDS II 4.0 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 and Nursing-Registered 201L with a minimum grade of C; Concurrent enrollment in Nursing-Registered 202L.

86126	1:15p-4:20p	M	Haglund B	SAC R-114	08/25-11/13
	1:15p-4:20p	Th	Mixer D	SAC R-114	
ALL Registered Nursing 202 students are to pay a Kaplan testing fee. Directions for paying the fee will be explained in class.					

**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 and Nursing-Registered 201L with a minimum grade of C; Concurrent enrollment in Nursing-Registered 202.

86128	TBA		Naraghi A	SAC UCI	Full Semester
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 256 clinical hours to be arranged.					
86129	TBA		Hirsch R	SAC MH	Full Semester
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 256 clinical hours to be arranged.					
86130	TBA		Mixer D	SAC SJH	Full Semester
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 256 clinical hours to be arranged.					
86131	TBA		Haglund B	SAC WMC	Full Semester
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 256 clinical hours to be arranged.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**NURSING-REGISTERED 206A, HEALTH SCIENCES SKILLS LABORATORY - THIRD SEMESTER 0.5 UNIT**

Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of mental health nursing and mastery of psychomotor skills content addressed in courses NRN 201 and NRN 201L.

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Open Entry / Open Exit

86245	TBA		Steckler M	SAC R-203	Full Semester
			24 hours arranged.		
86246	TBA		Duralde M	SAC SJH	07/31-12/04
			24 hours arranged.		

**NURSING-REGISTERED 206B, HEALTH SCIENCES SKILLS LABORATORY - FOURTH SEMESTER 0.5 UNIT**

Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of advanced medical/surgical nursing concepts and mastery of advanced medical/surgical psychomotor skills content addressed in courses NRN 202 and NRN 202L.

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Open Entry / Open Exit

86248	TBA		Steckler M	SAC R-203	Full Semester
			24 hours arranged.		

**NURSING-REGISTERED 206C, HEALTH SCIENCES SKILLS LABORATORY - SECOND YEAR TRANSITION 0.5 UNIT**

Supervised use with supplemental learning assistance of skills lab to assist the RN refresher, advanced placed nursing student, or EMT student, in the development and maintenance of clinical competency of nursing theoretical knowledge and mastery of advanced psychomotor skills content necessary for the transition into clinical practice as addressed in courses NRN 201, NRN 201L, NRN 202, NRN 202L, EMT 101, or EMT 105.

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Open Entry / Open Exit

86249	TBA		Steckler M	SAC R-203	Full Semester
			24 hours arranged.		

## NUTRITION & FOOD

**NUTRITION & FOOD 115, NUTRITION 3.0 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.

91082			Mathot S	SAC WEB	Full Semester
			Section 91082 online instruction. Mandatory orientation meeting on Wed., 08/27, 12:30p-2:30p, SAC T-212. Students are required to logon to Blackboard on the first day of classes; <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class ( <a href="mailto:mathot_sarah@sac.edu">mathot_sarah@sac.edu</a> )		
89594	9:00a-12:10p	Th	Staff	SAC T-212	Full Semester
89596	3:00p-6:10p	W	Drozdz A	SAC T-212	Full Semester
89595	6:30p-9:40p	Tu	Staff	SAC T-212	Full Semester

**NUTRITION & FOOD 118, CULTURAL FOODS 3.0 UNITS**

Insight into the diverse U.S. micro cultures will be broadened through a study of their foods. Explores major cultures with an emphasis on their history, American immigration and assimilation patterns, religious dietary laws, traditional diets, special customs, etiquette practices and therapeutic uses for foods. Some examples of traditional foods will be prepared, sampled and discussed in class.

Prerequisite: Negative T.B. Test or chest X-ray.

89598	11:00a-2:55p	F	Staff	SAC T-212	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## OCCUPATIONAL THERAPY ASSISTANT

**OCCUPATIONAL THERAPY ASSISTANT 100, TERMINOLOGY AND DOCUMENTATION FOR THE O.T.A. 1.0 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 a minimum grade of C.

88620			Reeder S	SAC WEB	Full Semester
			Section 88620-online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. ( <a href="mailto:reeder_shellie@sac.edu">reeder_shellie@sac.edu</a> )		

**OCCUPATIONAL THERAPY ASSISTANT 101, FOUNDATIONS OF OCCUPATION AND OCCUPATIONAL THERAPY 4.0 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.

88621			Reeder S	SAC WEB	Full Semester
			Section 88621-online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. ( <a href="mailto:reeder_shellie@sac.edu">reeder_shellie@sac.edu</a> )		

**OCCUPATIONAL THERAPY ASSISTANT 101L, EXPLORATION OF OCCUPATION THROUGH ACTIVITY 2.0 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 101/101H, and 3 units of Communication Studies (101/101H, or 102 or 140 or 145 or 152) with a minimum grade of C.

88622	6:00p-9:05p	Tu Th	McKenna D	SAC T-210	Full Semester
			Section 88622 has 6 hours arranged per semester.		

**OCCUPATIONAL THERAPY ASSISTANT 102, PSYCHOSOCIAL FUNCTION AND DYSFUNCTION 4.0 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: Occupational Therapy Assistant 101 and Occupational Therapy Assistant 101L with a minimum grade of C.

88623	10:15a-12:20p	M W	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 with a minimum grade of C.

88628	1:30p-4:35p	M W	Hyman D	SAC T-210	Full Semester
			Section 88628 has 2 hours arranged per week.		

**OCCUPATIONAL THERAPY ASSISTANT 103, PHYSICAL FUNCTION AND DYSFUNCTION 4.0 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 Occupational Therapy Assistant 102L with a minimum grade of C.

88624			Parolise M	SAC WEB	Full Semester
			Section 88624-online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. ( <a href="mailto:parolise_michelle@sac.edu">parolise_michelle@sac.edu</a> )		

**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 Occupational Therapy Assistant 102L with a minimum grade of C.

88631	6:00p-9:15p	Tu Th	Eastman K	SAC T-210	Full Semester
			Section 88631 has 2 hours arranged per week.		

**OCCUPATIONAL THERAPY ASSISTANT 110, HUMAN OCCUPATION ACROSS LIFESPAN 3.0 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.

88625	TBA		Parolise M	SAC WEB	Full Semester
			Section 88625-online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. ( <a href="mailto:parolise_michelle@sac.edu">parolise_michelle@sac.edu</a> )		

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**Hurry! Class sizes are limited.**

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**OCCUPATIONAL THERAPY ASSISTANT 111, APPLIED KINESIOLOGY 1.0 UNIT**

This course will focus on understanding human movement as an integral component of occupational performance and will examine how kinesiology and biomechanics are utilized in treatment by the Occupational Therapy Assistant.

Prerequisite: Biology 149 or 239 and 249 with a minimum grade of C.

88632	TBA		Reeder S	SAC WEB	Full Semester
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Section 88632-online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class. (reeder\_shellie@sac.edu)

**OCCUPATIONAL THERAPY ASSISTANT 115, HUMAN DISEASE AND OCCUPATION 2.0 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 covered 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 with a minimum grade of C.

88626	9:00a-10:05a	MW	Parolise M	SAC T-210	Full Semester
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**OCCUPATIONAL THERAPY ASSISTANT 201, CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE 4.0 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 Occupational Therapy Assistant 102L with a minimum grade of C.

88627	9:00a-12:00p	Sa	Parolise M	SAC HYBRID	Full Semester
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Section 88627 is online instruction plus mandatory on-campus laboratory meetings on Sat, 09/06, 09/20, 10/04, 10/11, 10/18, 10/25, 11/01, 11/08, 11/15, 11/22, 12/06, 12/13 from 9am-12pm, SAC T-210. Email instructor first week of class. (parolise\_michelle@sac.edu)

**OCCUPATIONAL THERAPY ASSISTANT 202, LEVEL II FIELDWORK - PART I 6.0 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 with a minimum grade of C.

88629	TBA		Hyman D	SAC	08/25-10/17
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Section 88629 has 40 hours arranged per week.

**OCCUPATIONAL THERAPY ASSISTANT 203, LEVEL II FIELDWORK - PART II 6.0 UNITS**

Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply knowledge and skills learned in the classroom.

Prerequisite: Occupational Therapy Assistant 103, Occupational Therapy Assistant 103L, and Occupational Therapy Assistant 201 with a minimum grade of C.

88630	TBA		Hyman D	SAC	10/20-12/12
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Section 88630 has 40 ours arranged per week.

## PARALEGAL

Paralegal Orientation/Informational meeting Aug. 20 for new and returning students. Open house meeting, come for information starting at 5 p.m. ending at 7 p.m. For additional information check the Paralegal web site at <http://sac.edu/AcademicProgs/Business/Paralegal>.

**PARALEGAL 100, THE PARALEGAL PROFESSION 3.0 UNITS**

A study of the paralegal/legal assistant profession. A study of career opportunities and legal requirements to become a paralegal/ legal assistant. A study of the Ethics of the legal Profession.

87658	8:00a-11:30a		Williamson K	SAC A-130	08/30-10/11
	12:00p-3:30p	Sa	Williamson K	SAC A-130	
87508	9:00a-10:25a	Tu Th	Manzano F	SAC A-205	Full Semester
87507	7:00p-10:10p	M	Smith K	SAC A-210	Full Semester

**PARALEGAL 105, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL 1.0 - 4.0 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.

87543	TBA		Robinson K	SAC A-107-13	Full Semester
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Section 87543 orientation Wed., Aug. 20, 6:00p- 6:50p, SAC A-130.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**PARALEGAL 107, PRINCIPLES AND PROCEDURES IN THE CRIMINAL JUSTICE SYSTEM 3.0 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.)

87523	11:30a-12:55p	Tu Th	Manzano F	SAC A-205	Full Semester
86870	7:00p-10:10p	Tu	Alexander R	SAC I-103	Full Semester

**PARALEGAL 120, COMPUTERS IN THE LAW OFFICE 4.0 UNITS**

Basic computer concepts for law office personnel. The focus will be on current hardware and software used in the law office.

87525	6:00p-10:10p	W	Keck E	SAC A-108	Full Semester
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**PARALEGAL 121, ETHICS AND PROFESSIONAL RESPONSIBILITY 2.0 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.

87548			Manzano F	SAC WEB	09/22-12/12
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Section 87548 online instruction. No on campus meeting times. Students are required to logon to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

87556			Manzano F	SAC WEB	Full Semester
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Section 87556 online instruction. No on campus meeting times. Students are required to logon to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Make sure your current email is in personal information.

**PARALEGAL 145, CIVIL LITIGATION OVERVIEW 4.0 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.

87528	9:30a-11:25a	MW	Robinson K	SAC A-130	Full Semester
87527	6:00p-10:10p	Tu	Robinson K	SAC A-130	Full Semester

**PARALEGAL 146, TORT LAW AND ALTERNATIVE DISPUTE RESOLUTION 4.0 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. Principles of dispute resolution through negotiation, mediation and arbitration. Students will mediate impartially and use tools to maximize negotiation effectiveness. The course includes application of mediation skills in the law office.

87666	8:00a-12:10p	Sa	Tanner W	SAC A-130	10/18-12/13
	12:40p-4:50p	Sa	Tanner W	SAC A-130	

**PARALEGAL 147, INTERNATIONAL COMMERCIAL AGREEMENTS AND DISTRIBUTION LAW 1.0 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.)

87595	6:00p-10:00p	Th	Doolittle G	SAC A-203	08/28-09/18
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**PARALEGAL 148, INTERNATIONAL INTELLECTUAL PROPERTY LAW 1.0 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.)

87596	6:00p-10:00p	Th	Staff	SAC A-203	09/25-10/16
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**PARALEGAL 149, THE LAW OF GLOBAL COMMERCE 1.0 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.)

87597	6:00p-10:00p	Th	Staff	SAC A-203	10/23-11/13
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SANTA ANA COLLEGE

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>PARALEGAL 150, LEGAL TRANSACTIONS 5.0 UNITS</b>					
<i>Introduction to contracts and drafting legal documents for corporations and real estate transactions. Contract formation, performance, breach and third party interests. Student will learn the laws of the California Corporations Code and the laws governing real estate transactions. Student will learn to draft various contracts and other documents and will select, edit and customize formbook and computerized forms in real property, corporations, family law, and estate planning.</i>					
H 87530			Smith K	SAC HYBRID	Full Semester
	6:00p-10:10p	Th	Smith K	SAC A-205	
Section 87530 online instruction plus mandatory on campus meetings every Thur. 6:00p-10:10p, SAC A-205.					

<b>PARALEGAL 198, LANDLORD TENANT 2.0 UNITS</b>					
<i>The study of California laws that govern the landlord tenant relationship and the role of the paralegal in a landlord tenant law practice.</i>					
W 90012	8:00a-12:40p	Sa	Tanner W	SAC A-205	08/30-10/11

<b>PARALEGAL 246, LEGAL RESEARCH AND ANALYSIS 4.0 UNITS</b>					
<i>Principles of research, analysis, and techniques for the Paralegal. Must be familiar with Civil Procedure.</i>					
87532	7:00p-10:10p	M	Rients D	SAC A-205	Full Semester
	7:00p-10:10p	W	Rients D	SAC A-130	

<b>PARALEGAL 248, ADVANCED RESEARCH AND WRITING 3.0 UNITS</b>					
<i>Advanced projects in legal research and writing Emphasis on legal form and style.</i>					
87657	6:30p-9:40p	M	Robinson K	SAC A-130	Full Semester

<b>PARALEGAL 297, THE PROFESSIONAL PARALEGAL 2.0 UNITS</b>					
<i>This is the capstone class to the paralegal degree formally known as Para 298. Students will demonstrate their knowledge of ethics, legal principles, and the technical skills necessary for entry level employment as a paralegal.</i>					

90835			Manzano F	SAC WEB	Full Semester
Section 90835 online instruction. No on-campus meeting times. Students are required to logon to BlackBoard on the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Make sure your current email is in personal information.					

<b>PARALEGAL 299, COOPERATIVE WORK EXPERIENCE EDUCATION 1.0 - 4.0 UNITS</b>					
<i>Supervised volunteer or employment experience and study related to Paralegal major including new and expanded responsibilities. One unit of credit for each 5 hours worked per week to a maximum of 4 units for 20 hours per week each semester. Limitation of 8 units in Paralegal Cooperative Education courses. Must enroll in minimum 7 units.</i>					
87687	TBA		Robinson K	SAC A-107-13	Full Semester
Section 87687 orientation Wed., Aug. 20, 6:00p- 6:50p, SAC A-130.					

## PHARMACY TECHNOLOGY

<b>PHARMACY TECHNOLOGY 048, INTRODUCTION TO PHARMACY TECHNOLOGY 2.0 UNITS</b>					
<i>Overview of the SAC Pharmacy Technician training program. Definition of the roles and preview of the opportunities open to pharmacy technicians in various practice settings. Presentation of pharmaceutical dosage forms, the drug development process, and drug classification systems. Introduction to prescription labeling and to the law and ethics of pharmacy practice.</i>					

H 89685			Ross Jr J	SAC HYBRID	Full Semester
W	8:00a-10:05a	Sa	Ross Jr J	SAC H-201	
Section 89685 combines online and in-class instruction. Class will meet on campus every other Saturday beginning 08/30, from 08:00a-10:05a, SAC H-201. Email instructor first week of semester ( <a href="mailto:rossjr_john@sac.edu">rossjr_john@sac.edu</a> ).					
89684	9:00a-11:05a	Tu	Ross Jr J	SAC H-210	Full Semester
89777	6:00p-8:05p	Tu	Phi C	SAC I-208	Full Semester

<b>PHARMACY TECHNOLOGY 052, BODY SYSTEMS II 3.5 UNITS</b>					
<i>Anatomy, physiology, pathology, and pharmacology of the integumentary, endocrine, gastrointestinal, and nervous systems. Basic terminology, with emphasis on word analysis and construction, medical abbreviations, and lay terms. Trade/generic drug names and indications for medications in each body system.</i>					

H 89773			Nguyen H	SAC HYBRID	Full Semester
W	6:00p-9:45p	M	Nguyen H	SAC I-208	
Section 89773 combines online and in-class instruction. Class will meet on campus every other Monday beginning 08/25, from 06:00p-09:45p, SAC I-208. Email instructor first week of semester ( <a href="mailto:nguyen_hieu@sac.edu">nguyen_hieu@sac.edu</a> ).					
89769	9:00a-12:35p	Th	Nguyen H	SAC H-210	Full Semester
89686	9:00a-12:35p	F	Ross Jr J	SAC H-210	Full Semester
89770	6:00p-9:35p	Th	Nguyen H	SAC I-106	Full Semester

<b>PHARMACY TECHNOLOGY 054, PHARMACY CALCULATIONS 2.0 UNITS</b>					
<i>Calculations related to drug dosage, measurements of strength, and preparation of medications. Includes interconversion of units in the metric and common systems of measurement. Emphasis on unit-cancellation for solving pharmacy situation problems. Strong verbal component.</i>					
H 89688			Ross Jr J	SAC HYBRID	Full Semester
W	10:15a-12:20p	Sa	Ross Jr J	SAC H-201	
Section 89688 combines online and in-class instruction. Class will meet on campus every other Saturday beginning 08/30, from 10:15a-12:20p, SAC H-201. Email instructor first week of semester ( <a href="mailto:rossjr_john@sac.edu">rossjr_john@sac.edu</a> ).					
89687	11:15a-1:20p	Tu	Ross Jr J	SAC H-210	Full Semester
89778	8:15p-10:20p	Tu	Phi C	SAC I-208	Full Semester

<b>PHARMACY TECHNOLOGY 056, PHARMACY OPERATIONS 4.5 UNITS</b>					
<i>Hands-on training in customer service, inventory control, compounding, packaging, record-keeping, and drug distribution in the outpatient pharmacy setting. Includes prescription lab simulations and use of computers.</i>					
Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with a minimum grade of C, 30 wpm typing.					
89689	6:00p-10:05p	M W	Ross Jr J	SAC H-210	Full Semester

<b>PHARMACY TECHNOLOGY 056L, PHARMACY TECHNOLOGY SKILLS LAB 0.5 - 1.0 UNITS</b>					
<i>Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the Pharmacy Operations lab class. Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy, in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.</i>					

Open Entry / Open Exit					
W 89788	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
89785	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
W 89786	9:00a-12:00p	Sa	Huynh-Dang K	SAC H-210	
89786	1:30p-4:45p	M	Nguyen N	SAC H-210	Full Semester
89787	1:30p-4:30p	W	Nguyen N	SAC H-210	Full Semester

<b>PHARMACY TECHNOLOGY 057, INPATIENT PHARMACY SERVICES 1.8 UNITS</b>					
<i>Technical aspects of drug distribution for the inpatient (hospital) pharmacy setting. Hands-on training in medication order processing, pharmacy patient profile maintenance, medication preparation, and inpatient drug distribution using manual and automated systems. Includes electronic and manual record-keeping, pharmacy law, and CQI.</i>					
Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with a minimum grades of C, 30wpm typing.					
89780	6:00p-10:20p	Tu Th	Nguyen N	SAC H-210	08/26-10/02

<b>PHARMACY TECHNOLOGY 057L, PHARMACY TECHNOLOGY SKILLS LAB 0.5 - 1.0 UNITS</b>					
<i>Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the Inpatient Pharmacy Services lab class (PHAR 057). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy, in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.</i>					

Open Entry / Open Exit					
W 89784	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
89781	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
W 89782	9:00a-12:00p	Sa	Huynh-Dang K	SAC H-210	
89782	1:30p-4:45p	M	Nguyen N	SAC H-210	Full Semester
89783	1:30p-4:30p	W	Nguyen N	SAC H-210	Full Semester

<b>PHARMACY TECHNOLOGY 060, STERILE PRODUCTS 4.5 UNITS</b>					
<i>Application of aseptic techniques and use of the laminar flow hood in the preparation of sterile products in accordance to USP 797. Emphasis on parenteral calculations, sterile dosage forms, and quality assurance procedures. Includes the pharmacology of antimicrobial and antineoplastic drugs.</i>					
Prerequisite: Pharmacy Technology 048, 054, AND 051 OR 052 with a minimum grade of C, 30 wpm typing.					
89789	9:00a-1:20p	M W	Huynh-Dang K	SAC H-210	Full Semester

### FIRST CLASS MEETING

Make sure you attend the first class meeting!

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

### Online Counseling Now Available!

[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**PHARMACY TECHNOLOGY 060L, PHARMACY TECHNOLOGY SKILLS LAB 0.5 - 1.0 UNITS**

Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the Sterile Products lab class (PHAR 060). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy, in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.

Open Entry / Open Exit					
W 89801	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
89791	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
W 89794	9:00a-12:00p	Sa	Huynh-Dang K	SAC H-210	Full Semester
89799	1:30p-4:45p	M	Nguyen N	SAC H-210	Full Semester
89799	1:30p-4:30p	W	Nguyen N	SAC H-210	Full Semester

**PHARMACY TECHNOLOGY 072, PHARMACY TECHNOLOGY EXTERNSHIP 0.8 - 10.0 UNITS**

On-site training in three pharmacy practice settings. Students must complete the related lab course prior to placement in a specific rotation: PHAR 056 for outpatient, PHAR 057 and PHAR 056 for inpatient, PHAR 060 for sterile products. Students must pass the trade-generic test prior to placement. Some sites require additional background, health screenings, and drugs tests. Completion of all three rotations (320 hours) is required for the advanced certificate. At the end of the rotation, the instructor will use the attendance records and competency forms as input from preceptors to assess the student learning outcomes and to help determine final grades. Students can refer to the course overview to understand the details of final grade assignments. Prerequisite: Pharmacy Technology 056 (Pharmacy Operations), or Pharmacy Technology 056 and Pharmacy Technology 057 (Inpatient Pharmacy Services), or Pharmacy Technology 060 (Sterile Products) with a minimum grade of C. Communication Studies 097 or 101 or 101H or 102 with a minimum grade of C. Background checks, health screenings, current TB clearance and drugs test clearance.

Open Entry / Open Exit					
89803	TBA		Huynh-Dang K	SAC H-210	08/19-01/06

**PHARMACY TECHNOLOGY 072L1, PHARMACY TECHNOLOGY SKILLS LAB 0.5 - 1.0 UNITS**

Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the Outpatient Pharmacy Technology Externship rotation (PHAR 072). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy, in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.

Open Entry / Open Exit					
W 89831	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
89832	1:30p-4:30p	W	Nguyen N	SAC H-210	Full Semester
89810	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
W 89816	9:00a-12:00p	Sa	Huynh-Dang K	SAC H-210	Full Semester
89816	1:30p-4:45p	M	Nguyen N	SAC H-210	Full Semester

**PHARMACY TECHNOLOGY 080, PHARMACY CALCULATIONS REVIEW 2.0 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 with a minimum grade of C.

89690	11:15a-1:20p	Tu	Ross Jr J	SAC H-210	Full Semester
89779	8:15p-10:20p	Tu	Phi C	SAC I-208	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 in accordance to USP 797. Emphasis on parenteral calculations, sterile dosage forms, and quality assurance procedures. Includes the pharmacology of antimicrobial and antineoplastic drugs. Prerequisite: Pharmacy Technology 060 with a minimum grade of C.

89837	9:00a-1:20p	M W	Huynh-Dang K	SAC H-210	Full Semester
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## PHILOSOPHY

**PHILOSOPHY 106, INTRODUCTION TO PHILOSOPHY 3.0 UNITS**

A survey of historical and contemporary ideas on how to live the good life.

86989	8:00a-9:25a	M W	Shigematsu T	SAC VL-105	Full Semester
86992	8:00a-9:25a	Tu Th	Shigematsu T	SAC VL-105	Full Semester
W 86994	9:00a-12:10p	Sa	Staff	SAC I-208	Full Semester
86986	9:45a-11:10a	M W	Fish Z	SAC VL-106	Full Semester
86990	7:00p-10:10p	Tu	Redoutey M	SAC VL-105	Full Semester
86991	7:00p-10:10p	Th	Kroffoss W	SAC I-208	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**PHILOSOPHY 106H, HONORS INTRODUCTION TO PHILOSOPHY 3.0 UNITS**

An enriched approach designed for honors students. A survey of historical and contemporary ideas on how to live the good life.

86997	9:45a-11:10a	Tu Th	Shigematsu T	SAC I-106	Full Semester
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**PHILOSOPHY 108, ETHICS 3.0 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.

87000	7:00p-10:10p	W	Fish Z	SAC VL-105	Full Semester
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**PHILOSOPHY 110, CRITICAL THINKING 4.0 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 101/101H with a minimum grade of C.

H 87012	5:00p-6:50p	M	Fish Z	SAC HYBRID	Full Semester
			Fish Z	SAC VL-105	
Section 87012 combines online instruction plus mandatory on campus meetings on Monday 8/25, 9/22, 10/27, 12/1 from 5:00-6:50pm in SAC VL-105. Students are required to log on to Blackboard on the first day of class at <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class. ( <a href="mailto:fish_zachary@sac.edu">fish_zachary@sac.edu</a> ).					
87011	8:00a-10:05a	Tu Th	Fish Z	SAC I-101	Full Semester
87008	9:45a-11:50a	M W	Shigematsu T	SAC VL-105	Full Semester
87006	11:30a-1:35p	Tu Th	Fish Z	SAC VL-303	Full Semester
87016	2:00p-4:05p	M W	Kelsey D	SAC VL-207	Full Semester
87021	6:00p-10:15p	M	Redoutey M	SAC VL-303	Full Semester
W 87022	6:00p-10:25p	F	Staff	SAC VL-208	10/24-12/13
	9:00a-1:25p	Sa	Staff	SAC VL-208	

**PHILOSOPHY 111, INTRODUCTORY LOGIC 4.0 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.

87023	12:00p-2:05p	M W	Fish Z	SAC VL-105	Full Semester
87025	2:00p-4:05p	Tu Th	Blake H	SAC I-208	Full Semester

**PHILOSOPHY 112, WORLD RELIGIONS 3.0 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.

87026	11:30a-12:55p	Tu Th	Shigematsu T	SAC VL-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.

Prerequisite: Concurrent enrollment in a photography course.

Open Entry / Open Exit					
<b>Material Fee(s): \$15.00</b>					
87420	3:30p-4:55p	Tu	Goytia-Galvan Y	SAC A-217	Full Semester
Student MUST be concurrently enrolled in a photography class. 1.5 arranged hours per week.					

**PHOTOGRAPHY 150, HISTORY OF PHOTOGRAPHY 3.0 UNITS**

A survey of the history, aesthetics, and technical involvement of photography including an in-depth view of artistic styles and individual photographers contributions from the 19th century to the present.

87421	6:30p-9:40p	W	Marquez P	SAC B-25	Full Semester
87422	6:30p-9:40p	Tu	Marquez P	SAC B-25	Full Semester

**PHOTOGRAPHY 180, BEGINNING PHOTOGRAPHY 3.0 UNITS**

This course provides students with an introduction to visual concepts, basic image capture and camera functions with digital cameras. Software basics for photographic imaging and digital printing, along with digital printing will be taught.

<b>Material Fee(s): \$15.00</b>					
87427	9:00a-9:55a	Tu Th	France N	SAC A-219	Full Semester
	10:05a-11:30a	Tu Th	France N	SAC A-219	
87424	12:30p-1:20p	M W	Staff	SAC A-219	Full Semester
	1:30p-2:55p	M W	Staff	SAC A-219	
W 87428	5:00p-7:05p	F	France N	SAC A-219	Full Semester
	7:15p-10:25p	F	France N	SAC A-219	
87426	5:00p-7:05p	M	Digiovanni E	SAC A-219	Full Semester
	7:15p-10:25p	M	Digiovanni E	SAC A-219	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**PHOTOGRAPHY 185A, LANDSCAPE PHOTOGRAPHY****3.0 UNITS**

This course concentrates on producing images under available light conditions found in natural and man-made environments. Topics include creating awareness of light and its function along with learning techniques for exposing under many different lighting conditions.

Prerequisite: Photography 180 with a minimum grade of C

Material Fee(s): \$15.00

87425	5:00p-7:05p	Th	Goytia-Galvan Y	SAC A-219	Full Semester
	7:15p-10:25p	Th	Goytia-Galvan Y	SAC A-219	

**PHOTOGRAPHY 291, WEDDING AND QUINCEANERA PHOTOGRAPHY****3.0 UNITS**

Instruction in fundamental concepts, equipment demands, and photographic techniques used by contemporary wedding/quinceanera photographers.

Prerequisite: Photography 180 with a minimum grade of C.

87423	5:00p-7:05p	Tu	Goytia-Galvan Y	SAC A-219	Full Semester
	7:15p-10:25p	Tu	Goytia-Galvan Y	SAC A-219	

**PHYSICAL SCIENCE****PHYSICAL SCIENCE 115, CONCEPTS IN PHYSICAL SCIENCES FOR EDUCATORS****4.0 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. (Same as Chemistry 115)

87700	2:00p-5:10p	M	Pratt C	SAC R-309	Full Semester
	2:00p-5:10p	W	Pratt C	SAC R-309	

**PHYSICS****PHYSICS 109, SURVEY OF GENERAL PHYSICS****4.0 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.

87762	11:00a-12:25p	M W	Staff	SAC R-318	Full Semester
	1:45p-4:55p	M	Staff	SAC R-328	

**PHYSICS 210, PRINCIPLES OF PHYSICS I****4.0 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 minimum grade of C.

87764	7:00p-10:10p	Tu	Neumann B	SAC R-126	Full Semester
	4:15p-7:25p	Th	Budarz T	SAC R-328	
87770	7:00p-10:10p	Tu	Neumann B	SAC R-126	Full Semester
	7:30p-10:40p	Th	De Santos G	SAC R-328	

**PHYSICS 217, ENGINEERING PHYSICS I****4.0 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 180/180H with a minimum grade of C.

87772	11:30a-12:55p	Tu Th	Budarz T	SAC I-204	Full Semester
	8:00a-11:10a	M	Budarz T	SAC R-328	

**PHYSICS 227, ENGINEERING PHYSICS II****4.0 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 with a minimum grade of C.

87773	9:45a-11:10a	Tu Th	Budarz T	SAC I-102	Full Semester
	8:00a-11:10a	W	Budarz T	SAC R-328	

**PHYSICS 279, COLLEGE PHYSICS I****4.0 UNITS**

A trigonometry-based physics course. Topics include: mechanics, thermodynamics, fluids, oscillatory motion, and sound.

Prerequisite: Mathematics 160 with a minimum grade of C.

87771	7:00p-10:10p	Tu	Neumann B	SAC R-126	Full Semester
	7:30p-10:40p	Th	De Santos G	SAC R-328	
87768	7:00p-10:10p	Tu	Neumann B	SAC R-126	Full Semester
	4:15p-7:25p	Th	Budarz T	SAC R-328	

## Academic Planning Questions?

[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**POLITICAL SCIENCE****POLITICAL SCIENCE 101, INTRODUCTION TO AMERICAN GOVERNMENTS****3.0 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.

87050	5:30p-6:55p	Th	Murphy T	SAC HYBRID	Full Semester
			Murphy T	SAC VL-105	

Section 87050 combines online instruction plus mandatory on campus meetings on Wednesday 8/27, 9/24, 10/29, 12/4, 12/10 from 5:30-6:50pm in SAC VL-105. Students are required to log on to Blackboard on the first day of class at <http://rscdd.blackboard.com>.

Email instructor the first day of class. ([murphy\\_tim@sac.edu](mailto:murphy_tim@sac.edu)).

87051	8:00a-9:25a	Tu Th	Andrade P	SAC I-103	Full Semester
87032	8:00a-9:25a	M W	Andrade P	SAC VL-205	Full Semester
87034	8:00a-9:25a	Tu Th	Murphy T	SAC VL-205	Full Semester
87040	8:00a-9:25a	M W	Chaiprasert K	SAC A-210	Full Semester
87041	8:00a-9:25a	M W	Valenzuela E	SAC A-130	Full Semester
87044	8:00a-9:25a	Tu Th	Valenzuela E	SAC I-207	Full Semester
87037	9:00a-12:10p	Sa	Petri M	SAC VL-103	Full Semester
87055	9:00a-12:10p	F	Kehlenbach E	SAC VL-105	Full Semester
87056	9:45a-11:10a	M W	Andrade P	SAC VL-207	Full Semester
87052	9:45a-11:10a	Tu Th	Murphy T	SAC VL-205	Full Semester
87038	9:45a-11:10a	Tu Th	Valenzuela E	SAC VL-105	Full Semester
87036	9:45a-11:10a	M W	Murphy T	SAC VL-208	Full Semester
87039	11:30a-12:55p	M W	Murphy T	SAC VL-208	Full Semester
87043	11:30a-12:55p	Tu Th	Andrade P	SAC VL-304	Full Semester
87047	11:30a-12:55p	Tu Th	Murphy T	SAC VL-208	Full Semester
87053	1:15p-2:40p	Tu Th	Andrade P	SAC VL-205	Full Semester
87054	4:00p-5:25p	Tu Th	Kehlenbach E	SAC VL-105	Full Semester
87048	5:30p-6:55p	Tu Th	Petri M	SAC VL-208	Full Semester
87049	7:00p-10:10p	Tu	Petri M	SAC VL-205	Full Semester
87045	7:00p-10:10p	M	Becker C	SAC VL-209	Full Semester
87046	7:00p-10:10p	Th	Becker C	SAC VL-109	Full Semester
87042	7:00p-10:10p	W	Becker C	SAC I-201	Full Semester

**POLITICAL SCIENCE 200, AMERICAN POLITICAL THOUGHT****3.0 UNITS**

An inquiry into the major influences that have shaped American political thought. Emphasis is on an historical analysis of political thought contributing to contemporary politics.

87058	8:00a-9:25a	M W	Murphy T	SAC VL-209	Full Semester
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**POLITICAL SCIENCE 200H, HONORS AMERICAN POLITICAL THOUGHT****3.0 UNITS**

An inquiry into the major influences that have shaped American political thought. Emphasis is on the historical analysis of political thought contributing to contemporary politics.

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

90037	8:00a-9:25a	M W	Murphy T	SAC VL-209	Full Semester
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**POLITICAL SCIENCE 201, INTRODUCTION TO COMPARATIVE POLITICS****3.0 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.

87061	9:45a-11:10a	Tu Th	Andrade P	SAC VL-209	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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# PSYCHOLOGY

## PSYCHOLOGY 100, INTRODUCTION TO PSYCHOLOGY 3.0 UNITS

An introduction to the major theories, methods, concepts, ethical issues, and findings in the major fields in psychology including (but not limited to): biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

**87141** Ortiz F SAC WEB Full Semester  
 Section 87141 online instruction. No on-campus meetings. Students are required to log on to Blackboard on the first day of class at <http://rscdd.blackboard.com>. Email instructor first week of class ([ortiz\\_fernando@sac.edu](mailto:ortiz_fernando@sac.edu)).

**89310** Ortiz F SAC WEB 08/25-10/18  
 Section 89310 Students must be participating in the Online Degree Pathway program to enroll. For more information, see <http://sac.edu/onlinepathway> or contact the Distance Education Office at 714-564-6725, [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu). Section 89310 is an online ONLY 8-week class. NO on-campus meeting times. Students are required to log-on to Blackboard on the first day of class at <http://rscdd.blackboard.com>. Email instructor the first day of class ([ortiz\\_fernando@sac.edu](mailto:ortiz_fernando@sac.edu)).

87114	8:00a-9:25a	MW	Staff	SAC R-126	Full Semester
87132	8:00a-9:25a	Tu Th	Pedroza J	SAC VL-107	Full Semester
87126	9:00a-12:10p	Sa	Keo-Trang Z	SAC I-108	Full Semester
87130	9:00a-12:10p	F	Pedroza J	SAC VL-107	Full Semester
87166	9:00a-12:10p	Sa	Staff	SAC VL-107	Full Semester
87136	9:45a-11:10a	MW	Pedroza J	SAC VL-205	Full Semester
87111	9:45a-11:10a	Tu Th	Ortiz F	SAC VL-105	Full Semester
87124	11:30a-12:55p	MW	Pedroza J	SAC VL-205	Full Semester
Section 87124 is designed to focus on Asian-American issues. Open to all students.					
87125	11:30a-12:55p	Tu Th	Pedroza J	SAC VL-205	Full Semester
87140	11:30a-12:55p	MW	Castillo R	SAC VL-305	Full Semester
87157	1:00p-2:25p	MW	Ortiz R	SAC VL-205	Full Semester
87138	1:15p-2:40p	MW	Castillo R	SAC VL-208	Full Semester
87151	2:00p-3:25p	Tu Th	Staff	SAC VL-208	Full Semester
87167	2:00p-5:20p	Tu Th	Ortiz F	SAC VL-103	10/21-12/11
87162	3:00p-6:10p	MW	Staff	SAC VL-107	10/20-12/10
87161	4:35p-6:00p	Tu Th	Staff	SAC VL-109	Full Semester
87128	7:00p-10:10p	M	Castillo R	SAC VL-107	Full Semester
87123	7:00p-10:10p	Tu	Castillo R	SAC VL-107	Full Semester
87139	7:00p-10:10p	W	Staff	SAC VL-306	Full Semester
87131	7:00p-10:10p	Th	Keo-Trang Z	SAC VL-309	Full Semester

## PSYCHOLOGY 140, INTRODUCTION TO PSYCHOLOGY OF ADULTHOOD AND AGING 3.0 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.

**87171** 6:00p-9:10p W Larson M SAC VL-106 Full Semester

## PSYCHOLOGY 157, INTRODUCTION TO CHILD PSYCHOLOGY 3.0 UNITS

Survey of human development from conception through adolescence. Covers major theories development (cognition, perception, language, personality, social, etc.) and their application to parenting, teaching, and other interactions with children.

**87172** 7:00p-10:10p Th Castillo R SAC VL-107 Full Semester

## PSYCHOLOGY 170, MULTICULTURAL PSYCHOLOGY 3.0 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.

**87173** 11:30a-12:55p MW Ortiz F SAC VL-107 Full Semester

## PSYCHOLOGY 200, INTRODUCTION TO BIOLOGICAL PSYCHOLOGY 3.0 UNITS

Explores relationships between physiological structures of the body and human behavior. Focuses on the organization and function of the brain, spinal cord, peripheral nervous system, glands, sensory and perceptual systems. Relates physiological functioning to motivated behavior, addiction, and psychological disorders.

**87175** 9:45a-11:10a MW Koontz J SAC R-126 Full Semester

**87176** 11:30a-12:55p Tu Th Ortiz F SAC I-107 Full Semester

## PSYCHOLOGY 210, STATISTICS FOR THE BEHAVIORAL SCIENCES 4.0 UNITS

Introduces psychology and behavioral science majors to descriptive and inferential statistical methods. Knowledge of these methods is essential to the understanding, interpretation, and performance of scientific research. Topics covered include probability theory, hypothesis testing, correlation, analysis of variance, the graphical representation of data, basic research design, and the use of computer software to perform statistical analyses.

Prerequisite: Mathematics 080 or Mathematics 081 with a minimum grade of C; OR placement into Psychology 210 on the Mathematics Level 3 placement Exam and a course equivalent to Mathematics 080 or 081.

**87179** 9:00a-11:05a MW Ortiz F SAC VL-107 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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## PSYCHOLOGY 219, INTRODUCTION TO RESEARCH METHODS IN PSYCHOLOGY 3.0 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 with a minimum grade of C.

87180	12:00p-12:50p	Tu Th	Castillo R	SAC VL-107	Full Semester
	1:15p-4:25p	Tu	Castillo R	SAC VL-107	
87181	12:00p-12:50p	Tu Th	Castillo R	SAC VL-107	Full Semester
	1:15p-4:25p	Th	Castillo R	SAC VL-107	

## PSYCHOLOGY 240, INTRODUCTION TO SOCIAL PSYCHOLOGY 3.0 UNITS

An exploration of the interlocking dynamics of psychology and sociology focusing on the impact of social groups on individuals and on other groups. Content includes self-development, interaction, attitudes, conformity, friendship, love, aggression, group dynamics. (Same as Sociology 240.)

Prerequisite: Psychology 100 or Sociology 100 with a minimum grade of C.

**88236** 1:00p-2:25p Tu Th Ortiz R SAC VL-310 Full Semester

## PSYCHOLOGY 250, INTRODUCTION TO ABNORMAL PSYCHOLOGY 3.0 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 with a minimum grade of C.

87183	9:45a-11:10a	Tu Th	Pedroza J	SAC VL-107	Full Semester
87182	7:00p-10:10p	Th	Staff	SAC VL-208	Full Semester

# READING

## READING N50, GROUNDWORK FOR READING 3.0 UNITS

A reading course for students needing to build vocabulary and enhance reading comprehension. Recommended for students in English N50 or EMLS 055. Not applicable to associate degree.

87212	1:15p-2:40p	MW	Simmons K	SAC VL-109	Full Semester
87214	5:30p-6:55p	MW	Monahan L	SAC VL-301	Full Semester

## READING N80, FUNDAMENTALS OF READING 3.0 UNITS

Instruction in basic reading skills including techniques for improving vocabulary and spelling, word attack skills, and reading comprehension. Not applicable to associate degree.

87229	8:00a-9:25a	MW	Simmons K	SAC VL-308	Full Semester
87221	8:00a-9:25a	Tu Th	Colunga M	SAC VL-304	Full Semester
87218	9:45a-11:10a	MW	Colunga M	SAC VL-301	Full Semester
87216	9:45a-11:10a	Tu Th	Kossler W	SAC VL-306	Full Semester
87226	11:30a-12:55p	Tu Th	Kossler W	SAC VL-207	Full Semester
87227	11:30a-12:55p	MW	Kossler W	SAC VL-312	Full Semester
87228	1:00p-2:25p	Tu Th	Simmons K	SAC VL-106	Full Semester
87230	1:00p-2:25p	MW	Kossler W	SAC VL-110	Full Semester
87223	5:30p-6:55p	MW	Kossler W	SAC VL-110	Full Semester

## READING N90, COLLEGE READING 3.0 UNITS

Instruction in vocabulary, comprehension, critical evaluation and reading rate.

87234	8:00a-9:25a	Tu Th	Gilreath G	SAC VL-110	Full Semester
87367	9:45a-12:55p	Tu Th	Colunga M	SAC VL-110	08/26-10/16

Section 87367 is an Express to Success class. Recommend enrollment in second eight-week section 87374 READ 102. See the Express to Success program page in the class schedule for more information.

87237	9:45a-11:10a	MW	Mc Roberts M	SAC I-107	Full Semester
87231	11:30a-12:50p	Tu Th	Madison M	SAC B-4	Full Semester
87236	11:30a-12:55p	MW	Mc Roberts M	SAC VL-110	Full Semester
87235	7:00p-10:10p	W	Monahan L	SAC VL-301	Full Semester

## READING 091, READING FOR MEANING-U.S. HISTORY 3.0 UNITS

Introduction to critical reading and development of background information and reading strategies needed for success in understanding texts, essays, and news articles relating to U.S. history and government.

**88494** 11:30a-12:55p Tu Th Gilreath G SAC VL-305 Full Semester

## READING 096, INDIVIDUALIZED READING SKILLS 1.0 UNIT

Individualized instruction in vocabulary, comprehension, critical evaluation, and reading rate.

88577	TBA		Gilreath G		Full Semester
	9:45a-11:10a	Tu	Gilreath G	SAC T-212	08/26-08/26

Santa Ana College Learning Center 714-564-6569 MANDATORY ORIENTATION TUESDAY, 8/26/14 AT 9:45AM. ALL STUDENTS MUST ATTEND. Students must complete 3 hours per week in the lab. Call the Learning Center at 714-564-6569 for operating hours.

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**READING 102, ACADEMIC READING**

**3.0 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.

87188	8:00a-9:25a	MW	Colunga M	SAC VL-207	Full Semester
87186	9:45a-11:10a	Tu Th	Mundala K	SAC VL-303	Full Semester
87374	9:45a-12:55p	Tu Th	Colunga M	SAC VL-110	10/20-12/10

Section 87374 is an Express to Success class. Recommend enrollment in 1st eight week section 87367 READ N90. See the Express to Success program page in the class schedule for more information.

**READING 150, CRITICAL READING**

**3.0 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.

87204	9:00a-10:50a	F	Gilreath G Gilreath G	SAC HYBRID SAC VL-110	08/29-12/12
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Section 87204 combines online instruction with mandatory on-campus meetings on Fridays 8/29, 9/26, 10/31, 12/12 from 9:00-10:50am in SAC VL-110. Students are required to log on to Blackboard on the first day of class at <http://rsccd.blackboard.com>. Email instructor first week of class ([gilreath\\_genice@sac.edu](mailto:gilreath_genice@sac.edu)).

89309			Gilreath G	SAC WEB	10/20-12/12
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Section 89309 Students must be participating in the Online Degree Pathway program to enroll. For more information, see <http://sac.edu/onlinepathway> or contact the Distance Education Office at 714-564-6725, [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu). Section 89309 is an online ONLY 8-week class. NO on-campus meeting times. Students are required to log on to Blackboard on the first day of class at <http://rsccd.blackboard.com>. Email instructor first week of class ([gilreath\\_genice@sac.edu](mailto:gilreath_genice@sac.edu)).

87194	8:00a-9:25a	MW	Gilreath G	SAC VL-110	Full Semester
87207	9:00a-12:10p	Sa	Smith H	SAC VL-110	Full Semester
87197	9:45a-11:10a	MW	Gilreath G	SAC VL-110	Full Semester
87195	1:15p-2:40p	Tu Th	Gilreath G	SAC I-104	Full Semester

## SCIENCE

**SCIENCE 200, ENVIRONMENT OF MAN**

**3.0 UNITS**

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

87640	10:30a-11:55a	Tu Th	Gray V	SAC R-318	Full Semester
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## SIGN LANGUAGE

**SIGN LANGUAGE 110, AMERICAN SIGN LANGUAGE I**

**3.0 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.

89040	9:00a-12:10p	Tu Th	Yingst S	SAC I-206	08/26-10/16
89027	9:30a-12:50p	MW	Williams D	SAC I-206	08/25-10/15
89043	12:30p-1:55p	Tu Th	Collins M	SAC I-206	Full Semester
89033	1:00p-2:25p	MW	Williams D	SAC I-206	Full Semester
89044	4:00p-5:25p	MW	Yingst S	SAC I-206	Full Semester

**SIGN LANGUAGE 111, AMERICAN SIGN LANGUAGE II**

**3.0 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 with a minimum grade of C.

89049	9:00a-12:30p	Tu Th	Yingst S	SAC I-206	10/21-12/11
89038	9:30a-12:40p	MW	Williams D	SAC I-206	10/20-12/10

**SIGN LANGUAGE 112, AMERICAN SIGN LANGUAGE III**

**3.0 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 with a minimum grade of C.

89051	5:00p-6:25p	Tu Th	Yingst J	SAC I-206	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATOR / ROOM	DATES
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**SIGN LANGUAGE 114, CLASSIFIERS, FINGERSPELLING, AND NUMBERING**

**3.0 UNITS**

This course is designed to provide specialized instruction in the continued development of skills and application of expanded conceptualization of American Sign Language (ASL) classifiers, fingerspelling, and numbering concepts. Expressive and receptive techniques will be emphasized. Prerequisite: Sign Language 111 with a minimum grade of C.

89052	6:30p-7:55p	Tu Th	Yingst J	SAC I-206	Full Semester
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## SOCIAL SCIENCE

**SOCIAL SCIENCE 219, STATISTICS AND PROBABILITY**

**4.0 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. 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.)

88130	7:00a-9:30a	Tu Th	Staff	SAC L-207	Full Semester
88114	7:30a-10:00a	Tu Th	Sweeney G	SAC H-108	Full Semester
88106	7:30a-10:00a	MW	Sweeney G	SAC H-108	Full Semester

88122	8:00a-1:20p	F	Everett M	SAC H-108	Full Semester
88132	9:00a-2:20p	F	Bui M	SAC L-207	Full Semester
88126	10:15a-12:45p	MW	Sweeney G	SAC H-108	Full Semester

88124	10:15a-12:45p	Tu Th	Zarske J	SAC H-108	Full Semester
88110	1:00p-3:30p	MW	Anthony M	SAC H-108	Full Semester
88118	2:15p-4:45p	MW	Staff	SAC L-207	Full Semester

88116	4:30p-7:00p	MW	Elgindi I	SAC H-108	Full Semester
88112	4:30p-7:00p	Tu Th	Bowers C	SAC H-108	Full Semester
88426	5:00p-7:30p	MW	Tran L	SAC L-207	Full Semester

88120	7:15p-9:45p	MW	Tolentino J	SAC H-108	Full Semester
88128	7:15p-9:45p	Th	Pineda E	SAC L-207	Full Semester
88108	9:30a-12:00p	Sa	Pineda E	SAC H-108	Full Semester

88108	7:15p-9:45p	Tu Th	Vu H	SAC H-108	Full Semester
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**SOCIAL SCIENCE 219H, HONORS STATISTICS AND PROBABILITY**

**4.0 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 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.

88135	1:00p-3:30p	Tu Th	Mc Clure C	SAC H-108	Full Semester
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## SOCIOLOGY

**SOCIOLOGY 100, INTRODUCTION TO SOCIOLOGY**

**3.0 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.

89311			Campbell A	SAC WEB	08/25-10/17
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Section 89311 Students must be participating in the Online Degree Pathway program to enroll. For more information, see <http://sac.edu/onlinepathway> or contact the Distance Education Office at 714-564-6725, [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu). Section 89311 is an online ONLY 8-week class. NO on-campus meeting times. Students are required to log-on to Blackboard on the first day of class at <http://rsccd.blackboard.com>. Email instructor the first day of class ([campbell\\_alondo@sac.edu](mailto:campbell_alondo@sac.edu)).

87268			Cicchelli G	SAC WEB	10/20-12/12
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Section 87268 is an online ONLY 8-week class. NO on-campus meeting times. Students are required to log-on to Blackboard on the first day of class at <http://rsccd.blackboard.com>. Email instructor the first day of class ([cicchelli\\_giana@sac.edu](mailto:cicchelli_giana@sac.edu)).

87250	5:30p-6:30p	Th	Cicchelli G Cicchelli G	SAC HYBRID SAC VL-204	Full Semester
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Section 87250 combines online instruction with 5 mandatory on campus meetings on Thursday 8/28, 9/25, 10/23, 11/20, 12/11 from 5:30-6:30pm in SAC VL-204. Students are required to log-on to Blackboard on the first day of class at <http://rsccd.blackboard.com>. Email instructor first week of class. ([cicchelli\\_giana@sac.edu](mailto:cicchelli_giana@sac.edu)).

87240	8:00a-9:25a	Tu Th	Wood S	SAC VL-204	Full Semester
87267	9:00a-12:10p	Sa	Parker S	SAC VL-309	Full Semester
87238	9:45a-11:10a	MW	Wood S	SAC VL-302	Full Semester

87241	11:30a-12:55p	Tu Th	Cicchelli G	SAC I-202	Full Semester
87247	11:30a-12:55p	Tu Th	Campbell A	SAC VL-106	Full Semester
87258	1:00p-4:10p	MW	Govea M	SAC VL-301	10/20-12/10

Section 87258 is an Express to Success course. Recommend enrollment in first eight weeks section 86053 ANTH 100. See the Express to Success program page in the class schedule for more information.

87249	1:30p-4:40p	M	Campbell A	SAC I-207	Full Semester
87242	7:00p-10:10p	W	O'Dell R	SAC I-207	Full Semester
87246	7:00p-10:10p	Th	O'Dell R	SAC I-104	Full Semester



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**SOCIOLOGY 100H, HONORS INTRODUCTION TO SOCIOLOGY 3.0 UNITS**

*A seminar-style, content enriched course to provide a critical and extensive exploration of the sociological perspective, methods, and theories of social interaction, stability and change. Focuses on the importance of sociology for understanding individuals in a social context and provides a comprehensive understanding of and scientific way of thinking about society.*

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

OR 88704	8:00a-9:25a	MW	Campbell A	SAC I-208	Full Semester
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**SOCIOLOGY 112, RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS 3.0 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.*

87269			O'Dell R	SAC WEB	Full Semester
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Section 87269 online instruction ONLY. NO on-campus meetings. Students are required to log on to Blackboard on the first day of class at <http://rscdd.blackboard.com>. Email instructor first week of class. ([odell\\_rene@sac.edu](mailto:odell_rene@sac.edu)).

87270	11:30a-12:55p	MW	Campbell A	SAC VL-301	Full Semester
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**SOCIOLOGY 140, ANALYSIS OF SOCIAL TRENDS AND PROBLEMS 3.0 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.*

87271	9:45a-11:10a	Tu Th	Campbell A	SAC I-109	Full Semester
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## SPANISH

**SPANISH 101, ELEMENTARY SPANISH I 5.0 UNITS**

*Practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading and writing techniques for the expression of ideas orally and in writing. Introduction to Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 101 is equivalent to two years of high school Spanish.*

87277	6:00p-8:30p	Th	Galvan J	SAC HYBRID	Full Semester
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This section has been specifically designed for Spanish native speakers. Section 87277 combines online instruction with 5 mandatory on-campus meetings on Thursday 8/28, 9/18, 10/16, 11/6 and 12/4 from 6:00-8:30pm in SAC I-109. Class will use text "Mundo 21". Students are required to log on to Blackboard on the first day of class at <http://rscdd.blackboard.com>.

Email instructor first week of class. ([galvan\\_javier@sac.edu](mailto:galvan_javier@sac.edu)).

87283	4:30p-6:50p	M	Galvan J	SAC HYBRID	Full Semester
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Section 87283 combines online instruction with 5 mandatory on-campus meetings on Monday 8/25, 9/15, 10/13, 11/3, 12/1 from 4:30-6:50pm in SAC VL-106. Class will use text "Puntos de Partida". Students are required to log on to Blackboard on the first day of class at <http://rscdd.blackboard.com>.

Email instructor first week of class. ([galvan\\_javier@sac.edu](mailto:galvan_javier@sac.edu)).

87287	2:00p-4:30p	W	Guerrero-Phlaum M	SAC HYBRID	08/27-10/15
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Section 87287 is an Express to Success course. It combines online instruction with 5 mandatory on-campus meetings on Wednesday 8/27, 9/10, 9/24, 10/8 and 10/15 from 2:00-4:30pm in SAC VL-311. Class will use text "Puntos de Partida". Recommend enrollment in second eight week section 87304 SPAN 102.

87292	10:45a-1:15p	Tu	Lopez-Jaurequi L	SAC HYBRID	Full Semester
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Section 87292 is designed for Spanish native speakers and combines online instruction with 5 mandatory on-campus meetings on Tuesday 8/26, 9/16, 10/14, 11/18, 12/2 from 10:45am-1:15pm in SAC R-114. Class will use the textbook "Mundo 21".

Students are required to log on to Blackboard on the first day of class at <http://rscdd.blackboard.com>.

Email instructor first week of class. ([lopez\\_leticia@sac.edu](mailto:lopez_leticia@sac.edu)).

87285	8:00a-10:30a	MW	Guerrero-Phlaum M	SAC VL-311	Full Semester
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87286	8:00a-10:30a	MW	Ibanez Wing M	SAC I-201	Full Semester
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Section 87286 is designed for Spanish native speakers.

87272	10:45a-1:15p	Tu Th	Guerrero-Phlaum M	SAC VL-308	Full Semester
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87275	11:00a-1:30p	MW	Fuentes Sanchez A	SAC I-108	Full Semester
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87289	1:45p-4:15p	Tu Th	Robins T	SAC I-106	Full Semester
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87308	4:30p-7:00p	Tu Th	Staff	SAC VL-301	Full Semester
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87336	4:30p-7:00p	MW	Quintero E	SAC I-104	Full Semester
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87296	6:00p-8:30p	F	Fuentes Sanchez A	SAC VL-205	Full Semester
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87290	10:00a-12:30p	Sa	Fuentes Sanchez A	SAC VL-205	Full Semester
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87290	7:00p-9:30p	MW	Covarrubias A	SAC VL-310	Full Semester
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87291	7:00p-9:30p	MW	Torres J	SAC VL-304	Full Semester
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Section 87291 is designed for Spanish native speakers.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**SPANISH 102, ELEMENTARY SPANISH II 5.0 UNITS**

*A college level Spanish class focusing on further training in language skills providing avenues for the expression of ideas orally and in writing. Additional study of Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 102 is equivalent to the third year of high school Spanish.*

Prerequisite: Spanish 101/101H, or two years of high school Spanish with a minimum grade of C.

87304	2:00p-4:30p	W	Guerrero-Phlaum M	SAC HYBRID	10/22-12/10
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Section 87304 is an Express to Success course. It combines online instruction with 5 mandatory on-campus meetings from 2:00-4:30pm on Wednesday 10/22, 11/5, 11/19, 12/3, 12/10 in SAC VL-311. Class will use text "Puntos de Partida".

Recommend enrollment in first eight week section 87287 SPAN 101.

87316	4:00p-6:50p	Th	Lopez-Jaurequi L	SAC HYBRID	Full Semester
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Section 87316 is designed for Spanish native speakers. Combines online instruction with 5 mandatory on-campus meetings on Thursday 8/28, 9/18, 10/16, 11/6, 12/4 from 4:00-6:50pm in SAC VL-106. Class will use text "Mundo 21". Students are required to log on to Blackboard on the first day of class at <http://rscdd.blackboard.com>. Email instructor first week of class. ([lopez\\_leticia@sac.edu](mailto:lopez_leticia@sac.edu)).

87312	8:00a-10:30a	Tu Th	Guerrero-Phlaum M	SAC VL-308	Full Semester
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87313	8:00a-10:30a	Tu Th	Lopez-Jaurequi L	SAC VL-312	Full Semester
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Section 87313 is designed for Spanish native speakers.

87311	4:00p-6:30p	MW	Quezada V	SAC VL-103	Full Semester
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88040	7:00p-9:30p	Tu Th	Ubierna A	SAC VL-301	Full Semester
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**SPANISH 195A, ADVANCED CONVERSATIONAL SPANISH 3.0 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 with a minimum grade of C.

87320	6:00p-9:10p	Tu	Covarrubias A	SAC VL-312	Full Semester
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**SPANISH 195B, ADVANCED CONVERSATIONAL SPANISH 3.0 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 with a minimum grade of C.

87321	6:00p-9:10p	Tu	Covarrubias A	SAC VL-312	Full Semester
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**SPANISH 201, INTERMEDIATE SPANISH I 5.0 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.

87322	11:30a-2:00p	MW	Lopez-Jaurequi L	SAC VL-307	Full Semester
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**SPANISH 213, COLLEGE SPANISH COMPOSITION 3.0 UNITS**

*Writing of composition through discussions and interpretive readings.*

Prerequisite: Spanish 201 with a grade of C or better or three years of high school Spanish with a grade of C or better; Concurrent enrollment in Spanish 201.

87323	2:30p-5:40p	W	Lopez-Jaurequi L	SAC I-207	Full Semester
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## SPECIAL SERVICES

**SPECIAL SERVICES N44, READING DEVELOPMENT FOR THE DEAF 0.5 - 3.0 UNITS**

*Reading comprehension development for the deaf or hard of hearing students. Includes assessment of current skills and the development of an individualized program of study with the goal upon completion of enrolling in the College's reading course sequence. Not applicable to associate degree.*

Prerequisite: Student must be eligible for DSPS services from Deaf and Hard of Hearing Program and Services.

Open Entry / Open Exit

89859	2:00p-3:25p	MW	Staff	SAC A-203	Full Semester
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**SPECIAL SERVICES N50A, ENGLISH FOR THE DEAF AND HARD OF HEARING 0.5 - 3.0 UNITS**

*Language function and composition for the deaf or hard of hearing student. Includes assessment of current skills and development of an individualized program of study with the goal of enrolling in the college English course sequence. Student must submit proof of audiological verifiable hearing loss. Not applicable to associate degree.*

Open Entry / Open Exit

81773	2:00p-3:25p	MW	Staff	SAC A-203	Full Semester
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**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.*

Prerequisite: Verified brain impairment.

Open Entry / Open Exit

89012	TBA		Miller R	SAC L-222	Full Semester
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### Academic Planning Questions?

[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**SPECIAL SERVICES N92, ASSISTIVE COMPUTER TECHNOLOGY INSTRUCTION 0.5 - 2.0 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					
88996	TBA		Dutton Jr D	SAC U-103	Full Semester

**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.*

Prerequisite: Verified brain impairment.					
89019	TBA		Miller R	SAC L-222	Full Semester

**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.*

Prerequisite: Verified brain impairment					
89024	TBA		Miller R	SAC L-222	Full Semester

## SPEECH LANGUAGE PATHOLOGY ASSISTANT

**SPEECH LANGUAGE PATHOLOGY ASSISTANT 118, INTRODUCTION TO SPEECH-LANGUAGE PATHOLOGY ASSISTING 1.0 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.*

89599	5:00p-5:55p	Tu	Porter M	SAC H-207	Full Semester
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**SPEECH LANGUAGE PATHOLOGY ASSISTANT 119, SPEECH-LANGUAGE AND HEARING DEVELOPMENT ACROSS THE LIFE SPAN 3.0 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.*

89600	6:00p-9:10p	Tu	Winkelmann D	SAC R-307	Full Semester
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**SPEECH LANGUAGE PATHOLOGY ASSISTANT 160, INTRODUCTION TO COMMUNICATIVE DISORDERS AND TREATMENT 3.0 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.*

89601	5:00p-8:10p	M	Miller R	SAC T-210	Full Semester
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**SPEECH LANGUAGE PATHOLOGY ASSISTANT 180, SPEECH-LANGUAGE PATHOLOGY SCREENING PROCESSES AND INTERVENTION PROCEDURES 3.0 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: SLPA 120 and SLPA 150 and SLPA 160 with a minimum grade of C.

89602	6:00p-8:05p	M	Greenhalgh P	SAC W-101	Full Semester
	6:00p-9:10p	Th	Greenhalgh P	SAC H-207	

**SPEECH LANGUAGE PATHOLOGY ASSISTANT 190, SPEECH-LANGUAGE PATHOLOGY ASSISTANT CLINICAL FIELD WORK I 2.0 UNITS**

*Application of supervised clinical practice procedures as required of a speech-language pathology assistant in an educational setting.*

Prerequisite: SLPA 120 and SLPA 150 and SLPA 160 with a minimum grade of C and Application to Department Coordinator required prior to enrollment; Current negative TB Clearance; Fingerprinting and background check; Current CPR and First Aid Certification and concurrent enrollment SLPA 180.

89603	TBA		Porter M	SAC H-207	Full Semester
	5:00p-5:55p	Th	Porter M	SAC H-207	
Section 89603 has mandatory on-campus meetings on Thur, 08/28, 10/02, 11/06, 12/11 from 5:00p-5:55p, SAC H-207.					

**SPEECH LANGUAGE PATHOLOGY ASSISTANT 250, SPEECH-LANGUAGE PATHOLOGY ASSISTANT CLINICAL FIELDWORK II 2.0 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: SLPA 180 and SLPA 190 with a minimum grade of C and Application to Department Coordinator required prior to enrollment; Current negative TB Clearance; Fingerprinting and background check; current CPR and First Aid Certification.

89604	TBA		Porter M	SAC H-207	Full Semester
	5:00p-5:55p	Th	Porter M	SAC H-207	
Section 89604 has mandatory on-campus meetings on Thur, 08/28, 10/02, 11/06, 12/11 from 5p-5:55p, SAC H-207.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## LEARNING CENTER

The Learning Center is located in the Johnson Campus Center, U-202, and offers a wide selection of resources providing students with skills and strategies to promote their academic success. Services include supplemental learning (DLAs), tutoring, computer-aided instruction, and workshops. Tutoring is available for writing for any subject, and for accounting, biology, communication studies, engineering, English for the Multilingual Student (EMLS), English, human development, math, modern languages, physics, political science, and reading. Workshops cover a variety of subjects including writing, grammar, punctuation and study skills. The Learning Center is open Monday through Thursday from 9:00 am to 7:00 pm and Friday 10:00 am to 2:00 pm, beginning the second week of the semester. It is staffed with instructors, trained tutors and learning assistants. Contact the Learning Center at 714-564-6569 or by email LearningCenter@sac.edu. For updated information, like us on Facebook...SACLearningCenter.

## STUDY SKILLS

**STUDY SKILLS 091, EFFECTIVE STUDY TECHNIQUES 1.0 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.*

86957	1:00p-3:05p	W	Coffman J	SAC G-107	08/27-10/15
86959	1:00p-3:05p	W	Coffman J	SAC G-107	10/22-12/10

**STUDY SKILLS 109, COLLEGE LEARNING SKILLS 3.0 UNITS**

*This course provides effective success strategies to enhance student self-development, academic and lifelong learning skills for the college student. The techniques include: values, goal-setting, dealing with money, stress management, diversity, motivation, health, and time-management. Students learn personal growth methods and develop strategies to effectively deal with issues to ensure personal, educational, and career success.*

87031			Robledo J	SAC WEB	Full Semester
Students must attend one of the following class orientations: Tuesday, August 26th 5:30pm-7:00pm OR Wednesday, August 27th 10:30am-12:00pm. Both orientations will be held in SAC L-225. Students are required to logon to Blackboard on the first day of class, Monday, August 25th: <a href="http://rscacd.blackboard.com">http://rscacd.blackboard.com</a>					
87028	8:00a-9:25a	M W	Everett K	SAC I-202	Full Semester
87020	9:00a-12:00p	F	Sanchez S	SAC I-206	Full Semester
87017	12:55p-4:25p	Tu Th	Sanchez G	SAC I-202	10/21-12/11
87019	1:00p-2:25p	M W	Sanchez G	SAC A-211	Full Semester
86963	1:00p-4:20p	Tu Th	Sanchez G	SAC I-202	08/26-10/16
87024	6:00p-9:10p	W	Sosa S	SAC I-202	Full Semester

## TV/VIDEO COMMUNICATIONS

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

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

Open Entry / Open Exit					
85989	TBA		Schultz R	DMC-135	Full Semester
16 arranged hours per semester					

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

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

Open Entry / Open Exit					
85990	TBA		Schultz R	DMC-135	Full Semester
16 arranged hours per semester					

**TV/VIDEO COMMUNICATIONS 100, INTRODUCTION TO ELECTRONIC MEDIA: TV, RADIO, FILM, AND THE INTERNET 3.0 UNITS**

*Survey of historical development, impact, and business practices of TV, Radio, Film, and the Internet. Emphasizes career opportunities and basic studio operations.*

85991	11:00a-12:25p	M W	Bales T	SAC A-210	Full Semester
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**TV/VIDEO COMMUNICATIONS 103, HISTORY OF FILM TO 1945 3.0 UNITS**

*A survey course exploring film as an art form and developing appreciation of historical, artistic and technical advances from 1890's to 1945.*

85992	1:00p-4:10p	M	Bales T	SAC A-210	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**TV/VIDEO COMMUNICATIONS 104, HISTORY OF FILM FROM 1945 TO PRESENT 3.0 UNITS**

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

85993	1:00p-4:10p	W	Bales T	SAC A-210	Full Semester
85994	7:00p-10:10p	Tu	Bales T	SAC A-210	Full Semester

**TV/VIDEO COMMUNICATIONS 105, MASS MEDIA AND SOCIETY 3.0 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.

85995	9:30a-10:55a	MW	Bales T	SAC A-210	Full Semester
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Telv 105 fulfills GE requirements for CSU and GE requirements for the AA degree. Call 714-241-5778 for more information.

**TV/VIDEO COMMUNICATIONS 110, INTRODUCTION TO TELEVISION PRODUCTION 3.0 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.

85996	7:00p-10:00p	Tu	Schultz R	DMC-135	Full Semester
	7:00p-10:00p	Th	Schultz R	DMC-135	

Video tape, blank DVD disks & alkaline batteries must be purchased by the student.

**TV/VIDEO COMMUNICATIONS 112, INTRODUCTION TO VIDEO EDITING & POSTPRODUCTION 3.0 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 TV/Video 110 or concurrent enrollment recommended.

85997	2:00p-5:00p	M	Schultz R	DMC-204	Full Semester
	2:00p-5:00p	W	Schultz R	DMC-204	

**TV/VIDEO COMMUNICATIONS 115A, SINGLE-CAMERA PRODUCTION AND EDITING 3.0 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 TV/Video Communications 110 and 112 recommended.

85998	7:00p-10:00p	M	Schultz R	DMC-135	Full Semester
	7:00p-10:00p	W	Schultz R	DMC-135	

3 hours per week lab time required

**TV/VIDEO COMMUNICATIONS 120, BEGINNING WRITING FOR TV, FILM, THE INTERNET AND CORPORATE VIDEO 3.0 UNITS**

Designed to acquaint students with practical approaches to writing for television, motion picture, the internet and corporate video. Emphasis on the development of story treatments and first drafts of scripts. Grade of C or better in English 101 recommended.

86000	7:00p-10:10p	W	Sternsheim S	SAC C-207	Full Semester
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**TV/VIDEO COMMUNICATIONS 121, INTERMEDIATE WRITING FOR TV, FILM, THE INTERNET AND CORPORATE VIDEO 3.0 UNITS**

A course exploring professional requirements of the TV, film, internet or corporate scriptwriter intended to strengthen fundamental writing skills in relation to their role in production, direction, and series development.

86001	7:00p-10:10p	W	Sternsheim S	SAC C-207	Full Semester
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**TV/VIDEO COMMUNICATIONS 123, ADVANCED WRITING PROJECTS FOR TV, FILM, THE INTERNET, AND CORPORATE VIDEO 3.0 UNITS**

Explores professional requirements for writing all TV, film, the internet and corporate video genre. Individual projects will improve and extend students writing skills and related techniques in production, direction, and series development.

86002	7:00p-10:10p	W	Sternsheim S	SAC C-207	Full Semester
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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, February 11 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 130, PRINCIPLES OF BROADCAST NEWS 3.0 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 TV/Video Communications 110 recommended.

86003	11:00a-11:50a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-1:25p	Tu Th	Bales T	DMC-135	

**TV/VIDEO COMMUNICATIONS 142, ACTING FOR TELEVISION AND FILM 3.0 UNITS**

Techniques and disciplines of acting as applied to film and television production. Opportunity to practice and perform with emphasis on developing talents and skills required in acting for the screen. (Same as Theatre Arts 113.)

86008	3:10p-5:15p	M	Cannon C	SAC P-105	Full Semester
	3:10p-6:20p	W	Cannon C	SAC P-105	

**TV/VIDEO COMMUNICATIONS 150, PRODUCING AND DIRECTING FOR TELEVISION 3.0 UNITS**

Emphasizes production planning and preparation, aesthetics, budgeting and working with a production team. Practical experience in producing and directing studio and remote productions. Different directing/producing assignments each semester. Prior or concurrent enrollment in TV/Video Communications 110, 112 and 115A recommended.

Prerequisite: TV/Video Communications 110 with a minimum grade of C.					
86010	6:00p-9:05p	M	Staff	SAC DMC-103	Full Semester
	9:15p-10:10p	M	Staff	SAC DMC-103	

2 hours arranged each week

**TV/VIDEO COMMUNICATIONS 230A, BROADCAST NEWS PRODUCTION 4.0 UNITS**

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Prior or concurrent enrollment in TV/Video Communications 110 recommended.

Prerequisite: TV/Video Communications 130 with a minimum grade of C.					
86004	11:00a-11:50a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-3:30p	Tu Th	Bales T	DMC-135	

**TV/VIDEO COMMUNICATIONS 230B, BROADCAST NEWS PRODUCTION 4.0 UNITS**

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Assignments vary in subsequent semesters.

Prerequisite: TV/Video Communications 230A with a minimum grade of C.					
86005	11:00a-11:50a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-3:30p	Tu Th	Bales T	DMC-135	

**TV/VIDEO COMMUNICATIONS 230C, BROADCAST NEWS PRODUCTION 4.0 UNITS**

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Assignments vary in subsequent semesters.

Prerequisite: TV/Video Communications 230B with a minimum grade of C.					
86006	11:00a-11:50a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-3:30p	Tu Th	Bales T	DMC-135	

**TV/VIDEO COMMUNICATIONS 230D, BROADCAST NEWS PRODUCTION 4.0 UNITS**

Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. Assignments vary in subsequent semesters.

Prerequisite: TV/Video Communications 230C with a minimum grade of C.					
86007	11:00a-11:50a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-3:30p	Tu Th	Bales T	DMC-135	

**TV/VIDEO COMMUNICATIONS 298, TV/VIDEO COMMUNICATIONS PRACTICUM/ INTERNSHIP 3.0 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					
86013	TBA		Bales T	SAC A-210	Full Semester
Plus 48 hours arranged at work site. Enrollment is by prior approval of instructor. Email bales_terry@sac.edu					
85999	TBA		Schultz R	DMC-135	Full Semester
Plus 48 hours arranged at work site. Enrollment is by prior approval of instructor. Email bales_terry@sac.edu.					

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AlertU

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## THEATRE ARTS

**THEATRE ARTS 100, INTRODUCTION TO THEATRE** **3.0 UNITS**  
*An introduction to the art and concepts of theatre through a study of modern and historical theories of dramatic structure, playwrighting, directing, design, and acting. Attendance at live theatre required.*

87429	9:00a-10:25a	M W	Tivenan V	SAC P-105	Full Semester
87430	9:00a-10:25a	Tu Th	Tivenan V	SAC P-105	Full Semester
87431	1:30p-2:55p	M W	Cannon C	SAC P-105	Full Semester
87437	6:30p-9:40p	M W	Tavale N	SAC P-105	10/20-12/10

**THEATRE ARTS 110, ACTING FUNDAMENTALS** **3.0 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.*

87438	6:00p-9:10p	Tu Th	Tavale N	SAC P-105	08/25-10/16
	9:20p-10:10p	Tu Th	Tavale N	SAC P-105	
87439	1:10p-4:20p	Tu Th	Cannon C	SAC P-105	08/26-10/16
	4:30p-5:25p	Tu Th	Cannon C	SAC P-105	

**THEATRE ARTS 111, INTERMEDIATE ACTING** **3.0 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 with a minimum grade of C.

87455	1:00p-4:10p	Tu Th	Cannon C	SAC P-105	10/21-12/11
	4:20p-5:15p	Tu Th	Cannon C	SAC P-105	

**THEATRE ARTS 113, ACTING FOR TELEVISION AND FILM** **3.0 UNITS**  
*Techniques and disciplines of acting as applied to film and television production. Opportunity to practice and perform with emphasis on developing talents and skills required in acting for the screen. (Same as Television/Video Communications 142.)*

86823	3:10p-5:15p	M	Cannon C	SAC P-105	Full Semester
	3:10p-6:20p	W	Cannon C	SAC P-105	

**THEATRE ARTS 133, STAGE LIGHTING** **3.0 UNITS**  
*Theory and practice of modern stage lighting including the properties and characteristics of varied conventional control systems and instruments. Techniques for proper installation, maintenance and safety are included.*

87501	10:00a-12:05p	F	Small S	SAC P-105	Full Semester
	12:15p-3:25p	F	Small S	SAC P-105	

**THEATRE ARTS 135, TECHNICAL PRODUCTION** **1.0 UNIT**  
*Supervised instruction and practical application in stage production techniques. Each repetition presents more advanced material.*

**By instructor approval ONLY. 10 arranged hours per week.**

87512	TBA		Tivenan V	SAC P-100	08/25-10/18
90719	TBA		Tivenan V	SAC P-100	10/20-12/13

**THEATRE ARTS 150, THEATRE PRODUCTION** **2.0 UNITS**  
*Practical experience in performance production or technical production culminating in a series of public performances. Students desiring an acting role must audition.*

**By audition/instructor approval ONLY. 14 arranged hours per week.**

87515	TBA		Cannon C	SAC P-100	08/25-10/18
90722	TBA		Tivenan V	SAC P-100	10/20-12/13

**THEATRE ARTS 153, INTRODUCTION TO DIRECTING** **2.0 UNITS**  
*The study and application of directing theory, process, and technique which will culminate in a student-directed project production for public performance. Included are the fundamentals of script analysis, designer collaboration, character development, staging, actor coaching, and presenting.*

Prerequisite: By interview only.

87517	TBA		Cannon C	SAC P-100	08/25-10/18
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Instructor approval ONLY. 8 arranged hours per week.

**THEATRE ARTS 165, INTRODUCTION TO INTELLIGENT LIGHTING** **2.0 UNITS**  
*The fundamental study of intelligent lighting equipment to include a variety of state of the art lighting fixtures and programming/control consoles. Basic skills in control and programming are emphasized.*

89315	11:00a-12:25p	M	Tivenan V	SAC P-105	Full Semester
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1.5 hours arranged each week

**THEATRE ARTS 250, ADVANCED THEATRE PRODUCTION** **2.0 UNITS**  
*Practical experience at an advanced level in performance production or technical production culminating in a series of public performances. Students desiring an acting role must audition.*

87519	TBA		Cannon C	SAC P-100	08/25-10/18
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By Audition/Instructor approval ONLY. 14 arranged hours per week.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## VIETNAMESE

**VIETNAMESE 101, ELEMENTARY VIETNAMESE I** **5.0 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.*

87325	7:00p-9:30p	M W	Le V	SAC VL-208	Full Semester
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**VIETNAMESE 102, ELEMENTARY VIETNAMESE II** **5.0 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.*

Prerequisite: Vietnamese 101.

87326	7:00p-9:30p	Tu Th	Tran D	SAC VL-307	Full Semester
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## WELDING

**WELDING 008, OXYACETYLENE-ARC WELDING** **3.0 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.)*

89618	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89615	8:30a-12:10p	M W	Moore G	SAC K-101	Full Semester
89605	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89638	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester

**WELDING 020, WELDING LABORATORY** **0.5 UNITS**  
*Independent practice for advanced knowledge and skills development in specific areas of welding technology. Students furnish own equipment.*

Prerequisite: Concurrent enrollment in any welding course required.

89630	12:15p-1:40p	Tu	Moreno G	SAC K-101	Full Semester
89631	3:30p-4:55p	W	Moreno G	SAC K-101	Full Semester

**WELDING 025A, INTERMEDIATE ARC WELDING LEVEL I** **3.0 UNITS**  
*This is a course designed to improve the student's previously acquired arc welding skills and prepare the student to pass the welding certification test. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1" steel), using the shielded metal arc welding process E-7018 (SMAW).*

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

W 90663	8:00a-3:30p	Sa	Perez J	SAC J-115	Full Semester
89632	6:00p-9:40p	M W	Moore G	SAC B-9	Full Semester

**WELDING 025B, INTERMEDIATE ARC WELDING LEVEL II** **3.0 UNITS**  
*This is a course designed to improve the student's previously acquired arc welding skills and prepare the student to pass the welding certification test. Student is introduced to the preparation of the 1" plate. This course will introduce the students to the Licensing Class D1.1. rules and regulations from the Department of Building and Safety with the city of Los Angeles. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1" steel), using the shielded metal arc welding process E-7018 (SMAW).*

Prerequisite: Welding 008 and Welding 025 with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

W 90664	8:00a-3:30p	Sa	Perez J	SAC J-115	Full Semester
89633	6:00p-9:40p	M W	Moore G	SAC B-9	Full Semester

**WELDING 029A, ADVANCED ARC WELDING LEVEL I** **3.0 UNITS**  
*Provides advanced manipulative skills and technical knowledge needed to pass a 1" plate guided bended test required for structural steel certification.*

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

89621	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89606	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89641	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	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](http://www.sccollege.edu/schedule)**

**Hurry! Class sizes are limited.**

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**WELDING 029B, ADVANCED ARC WELDING LEVEL II 3.0 UNITS**

This is a course designed to advance the student's previously acquired arc welding skills and prepare the student to pass the welding certification test. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1" steel), using the shielded metal arc welding process (SMAW) E-7018 according to the American Welding Society rules and regulations D1.1 Code Book

Prerequisite: Welding 029A with a minimum grade of C or reasonable completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

89622	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89607	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89642	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester

**WELDING 029C, ADVANCED ARC WELDING LEVEL III 3.0 UNITS**

This is a course designed to improve and master the student's previously acquired arc welding skills to an advanced level and prepare the student to pass the welding certification test. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1" steel), using the shielded metal arc welding process E-7018 according to the American Welding Society rules and regulations. Students will take the D1.1 certification test at this level.

Prerequisite: Welding 029B with a minimum grade of C or reasonable completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

89623	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89608	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89643	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester

**WELDING 039A, INERT GAS WELDING LEVEL I 3.0 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.

89624	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89609	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89644	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester

**WELDING 039B, INERT GAS WELDING LEVEL II 3.0 UNITS**

Gas tungsten arc welding, (GTAW) and metal inert gas welding (MIG) of aluminum, mild and stainless steel. This is an advanced welding course using the gas tungsten arc welding (GTAW) process. This course is intended to further the skills of the student in this process. Special emphasis is placed on the horizontal position.

Prerequisite: Welding 039A with a minimum grade of C or reasonable completion of proficiency exam in inert gas welding skills administered by the SAC Welding Instructor

89625	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89610	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89645	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester

**WELDING 039C, INERT GAS WELDING LEVEL III 3.0 UNITS**

Gas tungsten arc welding (GTAW) and metal inert gas welding (MIG) of aluminum, mild and stainless steel. This is an advanced welding course using the gas tungsten arc welding (GTAW) process. This course is intended to give the students the skills necessary to pass the welding certification test in GTAW and MIG welding processes. The student is required to master the horizontal and vertical-up welding positions.

Prerequisite: Welding 039B with a minimum grade of C or reasonable completion of proficiency exam in inert gas welding skills administered by the SAC Welding Instructor

89626	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89611	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89646	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester

**WELDING 040A, WELDING CERTIFICATION TRAINING LEVEL I 3.0 UNITS**

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

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

89627	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89612	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89647	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester

**WELDING 040B, WELDING TRAINING CERTIFICATION LEVEL II 3.0 UNITS**

This is an advanced course that will provide lecture and hands-on practice in welding in multiple areas of certification using SMAW (shielded metal arc welding) as well as in FCAW (flux cored arc welding) in the vertical and overhead positions. The student will focus on welding with the SMAW, FCAW and pipe in the 1G and 2G positions using E6010 electrode.

Prerequisite: WELD 040A with a minimum grade of C or reasonable completion of proficiency exam in arc welding skills administered by SAC Welding Instructor

89628	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89613	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89648	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**WELDING 040C, WELDING CERTIFICATION TRAINING LEVEL III 3.0 UNITS**

This is an advanced course that will provide lecture and hands-on practice in welding in multiple areas of certification using SMAW (shielded metal arc welding) as well as in FCAW (flux cored arc welding) in the vertical and overhead positions. The student will focus on welding with the SMAW, FCAW and pipe in the 5G and 6G positions using E6010 electrode.

Prerequisite: Welding 040A with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

89629	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
89614	6:00p-9:40p	M W	Moreno G	SAC K-101	Full Semester
89649	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester

**WELDING 041A, WELDING CERTIFICATION EXAM PREPARATION LEVEL I 3.0 UNITS**

This practical course is for advanced welding students. Instruction will cover design, prequalified base/filler material, procedure/welder qualifications, fabrication essentials, and testing as specified by American Welding Society (AWS D1.1) Structural Code specifications leading to Los Angeles City or AWS welding certifications.

Prerequisite: Welding 008 or Welding 025 with a minimum grade of C

89637	6:00p-9:10p	Tu	Guzman G	SAC B-4	Full Semester
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**WELDING 041B, WELDING CERTIFICATION EXAM PREPARATION LEVEL II 3.0 UNITS**

This course is for advanced welding students. Instructor will cover prequalified base/filler material, procedure/welder qualification and testing as specified by American Welding Society(AWS D1.1) Structural Code specifications leading to Los Angeles City or AWS Welding Certifications.

Prerequisite: Welding 041A with a minimum grade of C.

89636	6:00p-9:10p	Tu	Guzman G	SAC B-4	Full Semester
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**WELDING 053, MATH/BLUE PRINT READING FOR WELDERS LEVEL I 3.0 UNITS**

This class is designed to introduce the welding student to math and blue print reading and their applications for welders related to the welding industry. Emphasis will be placed on the practical problems in mathematic (for welders) measuring, instruments, area, volume, fractions, decimals and metric system. This course will allow the student to read and interpret shop and field drawings and prints related to the welding industry.

W 89635	6:00p-9:10p	F	Guzman G	SAC C-215	Full Semester
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**WELDING 098, BEGINNING PIPE FUNDAMENTALS 3.0 UNITS**

The pipe welding industry requires a higher skilled welder. This course consists of 112 hours of training in safety, preparation, welding, terminology, blueprints, and codes. Emphasis will be on open root groove welds on plate using the Shielded Metal Arc Welding Process using E6010 and E7018 electrodes. Students will learn pipe terminology and proper practices used in different industries.

Prerequisite: WELD 025A with a minimum grade of C.

W 89634	8:00a-3:30p	Sa	Moore G	SAC K-115	Full Semester
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## WOMEN'S STUDIES

**WOMEN'S STUDIES 101, INTRODUCTION TO WOMEN'S STUDIES 3.0 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.

87329	9:45a-11:10a	Tu Th	Govea M	SAC V-150	Full Semester
87330	7:00p-10:10p	Th	Govea M	SAC I-201	Full Semester



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**SAC**

SAC IS TOBACCO-FREE

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

# Be connected – stay connected

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Facebook



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twitter 

Follow SAC  
on Twitter



<http://twitter.com/#!/SantaAnaCollege>

Do you know where your

## COLLEGE ACTIVITIES 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 College Activities Fee supports academic, cultural, and social programs and activities.

## STUDENT ACTIVITIES FOR FALL 2014

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, 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.
- 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/foundation](http://www.sac.edu/foundation) or call us at 714-564-6091 to learn more about the Santa Ana College Foundation.

# SERVICES FOR STUDENTS

## Service Hours

### ADMISSIONS/REGISTRATION HOURS

first floor of the Administration Building, S-101.

<b>Santa Ana College</b> .....	<b>714-564-6005</b>
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 <b>on 8/30/14 only</b>

### CASHIER'S OFFICE & PHOTO I.D. HOURS

first floor of Administration Building, Room S-104

<b>Santa Ana College</b> .....	<b>714-564-6965</b>
Monday–Thursday .....	8:00 am to 5:00 pm
Friday .....	8:00 am to Noon

Pay fees on-line [www.sac.edu](http://www.sac.edu)

### BOOKSTORE HOURS (SUBJECT TO CHANGE)

located on first floor of Johnson Campus Center

<b>Santa Ana College Bookstore</b> .....	<b>714-564-6435</b>
Monday–Thursday .....	8:00 am to 7:30 pm
Friday .....	8:00 am to 12:00 pm

### 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

<b>Santa Ana College Nealley Library</b> .....	<b>714-564-6700</b>
Monday–Thursday .....	7:30 am to 9:00 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

<b>Santa Ana College</b>	
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 7:30 pm
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## 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** 714-564-7545

### COMMUNITY SERVICES

**SAC Administration Building, S-204** ..... **714-564-6594**  
**Also at [www.sac.edu/cms](http://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-112** ..... **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](http://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 services listed below and we will gladly answer your questions.

#### DSPS MAIN OFFICE

**SAC Johnson Center, Room U-103 . . . . .714-564-6264**

Services include; intake & verification of disability status, referrals to other DSPS services on campus, disability related counseling, registration assistance, elevator cards, mobility and learning assistance.

#### ASSISTIVE TECHNOLOGY CENTER

**SAC Johnson Center, Room U-103 . . . . .714-564-6264**

The center provides computer assisted instruction through the use of assistive technology for disabled students.

#### COMMUNICATIONS DISABILITIES/ ACQUIRED BRAIN IMPAIRMENT SERVICES

**SAC L-222-5 . . . . .714-564-6819**

**TTY . . . . .714-564-6347**

Students with verifiable communication disabilities or acquired brain impairments can receive assistance with program planning, registration, assessment, and computer assisted instruction.

#### DEAF AND HARD OF HEARING SERVICES

**SAC Johnson Center, Room U-107 . . . . .714-564-6283**

**TTY/TDD . . . . .714-564-6284**

Sign language, interpreters, note taking supplies, assistive listening devices are provided for deaf and hard of hearing students.

#### LEARNING DISABILITIES

**SAC Johnson Center, Room U-103 . . . . .714-564-6264**

**Centennial Education Center, Room D-101 . . . . .714-564-5135**

Services for students with learning deficits severe enough to affect classroom performance. Services includes assessment, tutoring, and special classes.

#### PSYCHOLOGICAL DISABILITIES

**SAC Johnson Center, Room U-103 . . . . .714-564-6264**

The Psychological Disabilities Services 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-220 . . . . .714-564-6255**

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-101 . . . . .714-564-6232**

**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-221 . . . . .714-564-6242**

**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-120 . . . . .714-564-6216**

**(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).

### LEARNING CENTER

**SAC Johnson Center, Room U-202 . . . . .714-564-6569**

**(Hours: Mon-Thur. 9am-7pm, Fri. 10am-2pm—beginning 2nd week of semester)**

The Learning Center offers a wide selection of resources providing students with skills and strategies to promote their success. Services include supplemental learning (DLAs), tutoring in a variety of subjects, computer-aided instruction, and workshops. Walk-in tutoring is available for writing assistance, English and reading. Modern language tutoring is available at posted hours; other subjects are by appointment only. Reservations are recommended for all workshops. Distance Ed students may receive assistance by emailing [learningcenter@sac.edu](mailto:learningcenter@sac.edu). Workshops are posted on the SAC Learning Center Facebook page or The Learning Center tab on the college website. Services are free to all SAC and CEC students. For more information or to make an appointment, stop by, call the number listed above or email us at [learningcenter@sac.edu](mailto:learningcenter@sac.edu).

**Academic Planning Questions?**

[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

# ... SERVICES ...

## Service Programs (continued)

### MESA

#### (Math, Engineering, & Science Achievement)

SAC Administration Building, Room S-107 ..... 714-564-6373

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, book loans, study center, and assistance finding scholarships and internships.

### SCHOLARSHIP PROGRAM

SAC Administration Building, S-201 ..... 714-564-6478  
Hours: Mon.-Thur. 8:30 am-5:00 pm, Fri. 9:00 am-2:00 pm

The SAC Scholarship Program is a resource for local and national scholarships. The SAC Scholarship Program offers scholarships for incoming, continuing, and graduating/transferring SAC students. The online scholarship application opens during the first week of November and closes during the first week of March. Basic guidelines for scholarship applications are: current enrollment in at least 6 units at SAC, a minimum GPA of 2.0, and completion of at least 12 units at SAC. Each May, scholarship recipients are announced at the Scholarship Awards Ceremony and funds are available for the following fall semester. Scholarship and application information can be found at [www.sac.edu/scholarships](http://www.sac.edu/scholarships).

The SAC Scholarship Program is available to work with interested individuals, businesses, and corporations to establish new scholarships. For more specific information about the SAC Scholarship Program, contact the Scholarship Program directly at 714-564-6478 or at [www.sac.edu/scholarships](http://www.sac.edu/scholarships).

### 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-222 ..... 714-564-6201  
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-110 ..... 714-564-6352

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-110 ..... 714-564-6165

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.

### VETERANS RESOURCE CENTER

SAC Russell Hall, Room R-101 ..... 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 2014 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

**FIRE ACADEMY** - All Fire Academy Courses

**FRENCH** - French 101, 195, 201 & 202

**KINESIOLOGY** - Kinesiology Activities, Kinesiology Adaptive Activities, Kinesiology Aquatics, Kinesiology Fitness, Kinesiology Intercollegiate Athletics

**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](http://www.sccollege.edu/schedule)

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. Required Proficiencies:** The college requires proficiency in basic learning skills in mathematics and reading. See page 91.
- IV. Oral Communication Requirement:** See page 91.

**Note:** The requirements in parts II, III, and IV above may be met by completion of CSU General Education Breadth certification requirements, by completion of the Intersegmental General Education Transfer Curriculum requirements, or by submitting a transcript showing completion of a bachelor’s degree at a regionally accredited institution. The requirements in parts II, III, and IV may also be met 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 students are earning an AA-T or AS-T degree).

**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. 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: 2014–2015

**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, 111, 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  
Italian 120, 121  
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  
Kinesiology, Professional 170  
Literature:  
Communications and Media Studies 110  
English 102 or 102H, 231, 232, 233ABC, 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  
Communication Studies 103 or 103H, 206 or 206H  
English 104 or 104H  
Ethnic Studies 101 or 101H, 102 or 102H  
History 123, 124 or 124H, 125, 127, 146, 150, 151, 153, 163, 181  
Human Development 221  
Kinesiology, Health Education 102  
Literature: English 245, 246, 278  
Music 103  
Nutrition and Food 118  
Political Science 235  
Psychology 170  
Sign Language 116  
Women’s Studies 101, 102

##### 2. International Perspective

Anthropology 100 or 100H  
Business 106  
Criminal Justice 209  
Dance 105  
English 271, 272  
Geography 100 or 100H, 102  
Interdisciplinary Studies 117H  
Kinesiology, Professional 150  
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.  
Communication Studies 102, 140, 145  
Computer Science 100, 105, 111  
Counseling 144  
English 102 or 102H, 103 or 103H  
Mathematics 078, 080/081, 087, 105, 140, 145, 150, 160, 167, 170, 180 or 180H, 185, 204, 219 or 219H, 280, 287  
Philosophy 110 or 110H, 111, 144  
Psychology 210  
Reading 102, 150  
Social Science 219 or 219H

Please see page 30 of the SAC Catalog for requirements for the Associate in Arts for Transfer (AA-T) and the Associate in Science (AS-T) for Transfer.

**IMPORTANT NOTE:** Plan A does not meet the general education requirements for Associate Degrees for Transfer.

# ... 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.

**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 oral communication 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.

Three units for health education and one unit for Kinesiology may be granted on the basis of military service. Please see a SAC counselor or the SAC Catalog for additional information.

1. Completion of one of the following:  
Business 130  
Counseling 100, 116, 120, 124, 125, 128  
Fashion Design Merchandising 103  
Human Development 102, 107  
Interdisciplinary Studies 111, 155  
Kinesiology, Health Education 101, 102, 104, 120  
Kinesiology, Professional 125, 140, 160  
Library and Information Studies 100  
Mathematics 030  
Nutrition & Food 115 or 115H  
Philosophy 111  
Psychology 140, 230  
Sociology 112  
Study Skills 109
2. Completion of one of the following:  
Dance 102, 201A, 201B, 206A, 206B, 219A, 219B  
Kinesiology, Activities 107A, 123, 140A, 150A, 155A, 160A, 169A, 170A, 200a, 211, 220A, 220B, 220C, 226A, 260A, 260B, 265A, 270A, 265B, 290A, 290B  
Kinesiology, Adapted Activities 201A, 202A, 202B, 205A, 208A, 208B, 211A, 211B  
Kinesiology, Aerobic Fitness 140A, 143A, 144A, 146A, 146B, 150A, 156, 156A, 156B, 157A  
Kinesiology, Aquatics 201A, 201B, 204  
Kinesiology, Fitness 100, 101A, 101B, 101C, 102, 109A, 109B, 109C, 110A, 110B, 110C, 112A, 112B, 112C, 115A, 115B, 115C, 126A, 126B, 126C, 127A, 127B, 127C, 147A, 147B  
Kinesiology, Intercollegiate Athletics 103, 125, 128, 133, 134, 171, 201, 202, 204, 206, 207, 209, 210, 211, 212, 213, 214, 216, 217, 218, 219, 220, 221, 223, 227, 231, 232, 235, 240, 261, 262, 270, 271, 281, 291,  
Kinesiology, Professional 155, 165, 175, 200

This requirement (F) is met for Fire (as long as Fire Technology 121 and 121L are taken as part of the program), Nursing, and Occupational Therapy Assistant majors by completion of their major.

### III. Required Proficiencies

Courses listed can also be used to meet General Education Requirements in groups A through F where appropriate. Courses taken to meet these proficiencies must be completed with a grade of C or better.

#### A. READING

1. Satisfactory score on the SAC/SCC Reading Placement Test at the time of initial placement testing, OR
2. Satisfactory score on a Reading Department Test, OR
3. Successful completion of any Reading course at the 100 level, OR
4. A "C" grade, or better in 9 units of general education courses for the Associate Degree in Areas A (Natural Sciences) - 3 units; B (Social and Behavioral Sciences) - 3 units each in B1 and B2.

#### B. MATHEMATICS

1. Completion of Mathematics 080/081 or any other 3 unit mathematics course numbered above the level of 080/081 **OR**
2. Score on the SAC/SCC mathematics placement test indicating placement in a mathematics course numbered above the level of 080/081.

### IV. Oral Communication Requirement

Completion of 3 units with a grade of "C" or better from the following: Communication Studies 101 **OR** 101H (Interpersonal Communication), Communication Studies 102 (Public Speaking), Communication Studies 140 (Argumentation and Debate), Communication Studies 145 (Group Dynamics), Communication Studies 152 (Oral Interpretation).

### PROFICIENCY

### EXAMINATIONS FOR THE ASSOCIATE DEGREE

Students may satisfy the English writing, reading, and computational skills required for the Associate Degree by achieving a satisfactory score on the appropriate proficiency test in each skill area or by fulfilling other options as listed under the Associate Degree Requirements in the class schedule.

Students taking the proficiency examinations must be currently enrolled at Santa Ana College or Santiago Canyon College. Students who do not achieve a satisfactory score on the English Writing Proficiency Examination may not rechallenge that examination but must satisfactorily complete an approved course as listed in the graduation requirements.

#### READING PROFICIENCY EXAMINATION (I.D. required)

1. Contact the Reading Center, SAC Dunlap Hall, room 307 and make arrangements to take the Reading Proficiency Exam. Any questions call 714-564-6569

#### MATHEMATICS PROFICIENCY EXAMINATION

1. Contact the Math Study Center, SAC Library, room 204, and make arrangements to take the Math Department Proficiency Examination.

### CERTIFICATE PROGRAMS

A certificate is a verification of competency in a particular occupational skill. Certificate programs normally include only those courses which have a direct bearing upon specialized occupational competency since the certificate has the sole objective of immediate employment in a specialized area. For this reason there is no general education requirement in a certificate program. Santa Ana College certificate programs leading to immediate employment are listed in the catalog. To qualify for a certificate of completion, a candidate must meet the following requirements:

1. **Courses:** Courses are designated for the specific certificate.
2. **Grades:** At least a C grade in each course required for the certificate, unless otherwise specified. Credit by Examination may also be used to gain credit for required courses.
3. **Pass/No Pass:** A pass/no pass course is acceptable toward the certificate if it is required for the certificate and (a) offered on a pass/no pass basis only or (b) if the pass/no pass is earned on the basis of credit by examination.
4. **Residency:** Twelve units completed at SAC/SCC. (At least six of the units must be in courses required for the certificate, unless otherwise noted in the catalog.)
5. **Petition:** Petition for certificate filed by the student with the Office of Admissions and Records.

**MORE EDUCATIONAL OPTIONS ...**

# California State University General Education Breadth (CSU GE)

## Plan B: 2014–2015 Santa Ana College

These requirements apply to all students. Students planning to graduate from one of the 23 campuses of the California State University must complete 48 semester units in general education breadth courses. A student may complete 39 units of general education at either college in the Rancho Santiago Community College District prior to transfer. Nine semester units of general education coursework must be completed at the upper division level after transfer.

### CERTIFICATION OF GENERAL EDUCATION

1. Santa Ana College is authorized to certify a maximum of 39 general education units.
2. No more than 30 semester units may be certified for areas B through D combined which are described in the next section.
3. Pass/No Pass grades are accepted for certification in all areas, however they are not recommended for transfer credit in basic skill areas. (A. Communication in the English Language and Critical Thinking, A1, A2, and A3; and B. The Physical Universe and Its Life Forms, B4.) In addition, letter grades may be recommended or required for specific courses in a given major. Each CSU campus may also limit the total number of units graded credit.
4. A single course may not meet more than one general education requirement.
5. Requests for certification should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. (Please check deadlines.)
6. Certification of coursework from other colleges will only be granted to students whose last community college of attendance prior to transfer is Santa Ana.
7. Courses taken at other California community colleges will be applied to the subject areas in which they were listed by the institution where the work was completed.
8. Courses taken at other regionally accredited private/out of state institutions (which do not maintain a CSU certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Courses completed at foreign institutions are not acceptable for certification. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information.

**IMPORTANT NOTE:** The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet General Education Breadth requirements will be honored **if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2014 and are valid through Summer 2015.**

### TRANSFER CREDIT

1. Students may transfer up to 70 semester units to the CSU system. Sixty transferable units are needed for junior standing.
2. All courses used for CSU transfer credit must be numbered 100 or above in the Santa Ana College 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

Communication Studies 101 or 101H, 102, 103 or 103H, 140, 145

##### A2: Written Communication

English 101 or 101H

##### A3: Critical Thinking

Communication Studies 140

Counseling 144

English 102 or 102H (102 and 102H not accepted in A3 if

completed prior to Fall 2011), 103 or 103H

Philosophy 110 or 110H, 111, 144

Reading 150

#### 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, 115, 119, 209, 210, 219 or 219H**

Earth Science 110 or 110H, **115, 150 or 150H**

Environmental Studies 140

Geography 101

Geology 101, 140, 150 or 150H, **201**

Physical Science **115, 117**

Physics **109, 210, 211, 217, 279**

##### B2: Life Science

Anthropology 101

Biology 109 or 109H, **109L, 111, 115, 139, 149, 177, 211,**

**212, 214, 229, 239, 259**

Environmental Studies **259**

##### B3: Laboratory Activity

Anthropology **101L**

Astronomy **140**

Biology **109L, 111, 115, 139, 149, 211, 212, 214, 229,**

**239, 259**

Chemistry **109, 115, 119, 209, 210, 219 or 219H**

Earth Science **115**

Environmental Studies **259**

Geography **101L**

Geology **101L, 201**

Physics **109, 210, 211, 217, 279**

Physical Science **115, 118**

##### B4: Mathematics/Quantitative Reasoning

Courses must be completed with a grade of "C" or better.

Mathematics 105, 140, 145, 150, 160, 167, 170, 180 or

180H, 204, 219 or 219H, 280

Psychology 201(P)

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: Art, Cinema, Dance, Music, Theatre

Art 100 or 100H, 101, 102, 103, 104, 105, 106, 108

Communications and Media Studies 103

Dance 100 or 100H, 102, 105

English 233A, 233B, 233C,

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

##### 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

Italian 120(P), 121(P)

Japanese 101, 102

Kinesiology, Professional 170

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

Planning to Transfer?

[www.assist.org](http://www.assist.org)

 assist

Your official source for California articulation and student transfer information.

Black Studies 101

Chicano Studies 101

Communication Studies 206 or 206H

English 245, 278

Ethnic Studies 101 or 101H, 102 or 102H

History 123, 124 or 124H, 125, 146

Political Science 235

Psychology 170

##### D4: Gender Studies

Communication Studies 206 or 206H

English 245, 278

History 127, 181

Women's Studies 101, 102

##### D5: Geography

Geography 100 or 100H, 102

##### D6: History

Anthropology 105, 125

History 101 or 101H, 102 or 102H, 105, **118, 120 or**

**120H, 121 or 121H, 123, 124 or 124H, 125, 127, 133,**

**146, 150, 151, 153, 163**

##### D7: Interdisciplinary Social or Behavioral Science

Biology 200

Communication Studies 103 or 103H

Communications and Media Studies 111

Computer Science 100

Counseling 150

Environmental Studies 200

Human Development 107, 110

Interdisciplinary Studies 117H, 155

Kinesiology, Professional 150

Science 200

Television/Video Communications 105 or 105H

##### D8: Political Science, Government, and Legal Institutions

Political Science **101 or 101H, 200 or 200H, 201, 220,**

**226, 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, 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:

Communication Studies 104

Counseling 100, 116, 120, 124, 125, 128

Human Development 107, 229

Interdisciplinary Studies 155

Kinesiology, Health Education 101, 102, 104

Kinesiology, Professional 125

Nutrition and Food 115 or 115H

Psychology 140, 157, 230

Sociology 112

Study Skills 109

##### E2:

Kinesiology, Activities 107A, 123(P), 140A, 150A, 155A, 160A,

169A, 170A, 200A, 220A, 220B, 220C, 226A, 260A, 260B,

265A, 265B, 270A(P), 290A, 290B(P)

Kinesiology, Adapted Activities 201A, 202A, 202B, 205A, 208A,

208B, 211A, 211B

Kinesiology, Aerobic Fitness 140A, 143A, 144A, 146A, 146B,

150A, 156, 156A, 156B, 157A(P)

Kinesiology, Aquatics 201A, 201B, 204

Kinesiology, Fitness 100, 101A, 101B, 101C, 102, 110A, 110B,

110C, 112A(P), 112B(P), 112C(P), 115A, 115B, 115C, 126A,

126B, 126C, 127A, 127B, 127C, 147A, 147B,

Kinesiology, Intercollegiate Athletics 125, 128, 133(P), 134(P),

171(P), 201, 202, 204, 206, 207(P), 209, 210, 211, 212, 213,

214, 216, 217, 218, 219, 220, 221, 223, 227(P), 235, 240,

261(P), 262(P), 271(P), 281(P), 291(P)

The information above was in effect at press time. Courses with a (P) are pending approval from the CSU Chancellor's office. Please consult a counselor before enrolling.

# Intersegmental General Education Transfer Curriculum (IGETC)

## Plan C: 2014–2015 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.

1. 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.
2. **Complete all courses used for IGETC certification with a minimum grade of C (C minus is not acceptable).** A "pass" is acceptable providing it is equivalent to a grade of C or higher. The catalog must reflect this policy.
3. 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.)
4. Prior to requesting certification, have all official transcripts on file from every high school and college you have attended.
5. 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.
6. 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.
7. 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 2014 and are valid through Summer 2015.**

### AREA 1 - ENGLISH COMMUNICATION

**C.S.U.:** 3 courses required, one from each group.  
**U.C.:** 2 courses required, one each from Group A and B.

#### Group A: English Composition

1 course, minimum 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\*\* (102 and 102H not accepted in 1B if completed prior to Fall 2011)  
 English 103\*\* or 103H\*\*  
 Philosophy 110\*\* or 110H\*\*

#### Group C: Oral Communication (CSU ONLY)

1 course, 3 semester/4-5 quarter units.  
 Communication Studies 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; Psychology 210(P), 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  
 Communications and Media Studies 103  
 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, 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  
 Communication Studies 206\*\* or 206H\*\*  
 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\*\*  
 History 101\*\*(P), 101H\*\*(P), 102\*\*(P), 102H\*\*(P), 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  
 TV/Video Communications 105\*\* or 105H\*\*  
 Women's Studies 101, 102

### AREA 5 - PHYSICAL & BIOLOGICAL SCIENCES

At least 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 (Group C)

#### Group A: Physical Science (1 course)

Astronomy 109, 110\*\* or 110H\*\*  
 Chemistry 109\*\*, 115, 119\*\*, 209\*\*, 210, 219\*\* or 219H\*\*, 229  
 Earth Science 110\*\* or 110H\*\*, 115\*\*, 150\*\* or 150H\*\*  
 Environmental Studies 140  
 Geography 101\*\*  
 Geology 101\*\*, 140, 150\*\* or 150H\*\*, 201  
 Physical Science 115, 117\*\*  
 Physics 109\*\*, 210\*\*, 211\*\*, 217\*\*, 227\*\*, 237\*\*, 279\*\*, 289\*\*

Planning to Transfer?

[www.assist.org](http://www.assist.org)



Your official source for California articulation and student transfer information.

#### Group B: Biological Science (1 course)

Anthropology 101  
 Biology 109\*\* or 109H\*\*, 111(P), 115, 139\*\*, 177, 211, 212, 214, 229\*\*, 239, 249, 259  
 Environmental Studies 259

#### Group C: Laboratory Activity

Anthropology 101L  
 Astronomy 140  
 Biology 109L, 111(P), 115, 139, 211, 212, 214, 229, 239, 249, 259  
 Chemistry 109, 115, 119, 209, 210, 219 or 219H, 229  
 Earth Science 115  
 Environmental Studies 259  
 Geograpy 101L  
 Geology 101L, 201  
 Physical Science 115, 118  
 Physics 109, 210, 211, 217, 227, 237, 279, 289

### 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, of 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 as follows:

3 or higher on College Board Advanced Placement Examination, 5 or higher on International Baccalaureate Higher Level Examination; SAT II: Subject Tests (see counselor for required scores); A, B, or C on "O" Level exam; 5, 6, or 7 on "A" Level exam;

**OR**

satisfactory completion of an achievement test administered by a college in language other than English equivalent to two years of high school language. If an achievement test is not available a SAC faculty member may verify competency.

### AMERICAN INSTITUTIONS REQUIREMENT

(Not part of IGETC. May be completed prior to transfer.)

CSU has an American Institutions graduation requirement that is separate from IGETC. Courses used to meet the CSU requirement **can** usually also be used in Area 3 or 4. (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\*\*, 123, 124\*\*, 124H\*\*, 127, 146.

UC requires the completion of a college course or courses with a grade of "C" or better **OR** a one-year course in high school in U.S. History or a half-year course in U.S. History and a half-year course in American Government with grades of "C" or better (UCLA requires grades of "B"). UCSB requires the completion of a college course. If you are using college coursework to satisfy this requirement, check the appropriate UC catalog to deter-

\* 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.

The information above was in effect at press time. Courses with a (P) are pending approval from the UC office of the President and the CSU Chancellor's office. Please consult a counselor before enrolling.

**SANTA ANA COLLEGE  
SCHOOL OF CONTINUING EDUCATION**

# FREE CLASSES! ENROLL NOW!

**FALL SEMESTER BEGINS AUGUST 25**

**CONTINUOUS ENROLLMENT THROUGHOUT THE SEMESTER**

For specific class schedules, see Centennial Education Center Schedule of Classes at our website:

## WWW.SAC.EDU/SCE

*The first step*  
toward a better future



Santa Ana College  
School of  
Continuing Education

## Free Classes for adults

**Adult Basic Education (ABE)**

**Adult Secondary Education (ASE)**

- Adult High School Diploma Program
- General Education Development Prep (GED)

**Citizenship (ESL Civics)**

**Community Learning Center**

**Computer Applications**

**Computer Basics**

**English as a Second Language (ESL)**

- Pronunciation • Writing
- Conversation

**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 College (SAC)**

Register in B-8  
1530 W. 17th Street  
Santa Ana 92706

**Santa Ana High School**

evening classes only  
520 W. Walnut  
Santa Ana 92704  
(corner of 1st and Flower)

**El Sol Academy**

evening classes only  
1010 N. Broadway,  
Santa Ana 92704

**Godinez Fundamental High School**

evening classes only  
3002 Centennial Road  
Santa Ana 92704  
(inside Centennial Park)

*Classes Start August 25! Enroll Today!*

## HOW TO REGISTER FOR FREE CLASSES

Registration for tuition-free, noncredit courses for adults begins August 11, 2014. Students are registered on a first-come, first-served basis throughout the semester:

**VISIT OUR WEBSITE AT**  
**www.sac.edu/sce**

**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 Program.. 714-241-5720  
Counseling . . . . . 714-241-5720  
Child Development Center. . . . . 714-241-5739  
Computer Classes. . . . . 714-241-5736

## FALL SEMESTER 2014

Registration Begins. . . . . August 11  
Instruction Begins. . . . . August 25  
Labor Day (holiday). . . . . September 1  
Veterans Day (holiday) . . . . . November 11  
Thanksgiving (holiday) . . . . . November 24–29  
Instruction Ends . . . . . December 20  
Winter Recess. . . . . December 22–January 13



# 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 classes to adults. Day, evening and Saturday classes are offered at convenient locations throughout the city of Santa Ana.

## INSTRUCTIONAL PROGRAMS AND COURSES OFFERED

### ADULT BASIC EDUCATION (ABE)

Provides adult learners the opportunity to build a strong foundation in reading, writing and math skills. Recommended for ESL Intermediate 2 and 3 students.

### ADULT HIGH SCHOOL DIPLOMA PROGRAM

Provides all classes necessary to obtain a high school diploma through both traditional and individualized instructional methods.

### CITIZENSHIP CLASSES (ESL CIVICS)

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 AND BUSINESS SKILLS

Provides instruction on current computer applications and skills needed in today's workplace.

### COMPUTER MAINTENANCE, REPAIR AND NETWORKING 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, writing, and Citizenship (ESL Civics). Academic ESL classes are offered on the SAC campus for continuing education students. Classes are free and not for credit.

### 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 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.

### 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.

### DISABLED STUDENT PROGRAMS AND SERVICES (DSPS)

Provides students with learning disabilities and other documented disabilities services and reasonable accommodations while pursuing college coursework in continuing education.

### COUNSELING DEPARTMENT

Assists diverse students by providing academic guidance, personal and career counseling to achieve their lifelong goals.

### STUDENT DEVELOPMENT

Provides students with opportunities to participate in leadership training classes, student association, clubs, student conferences, celebrations and other activities.

### STUDENT OUTREACH SERVICES (SOS)

Provides outreach services to the community and assists with student recruitment.

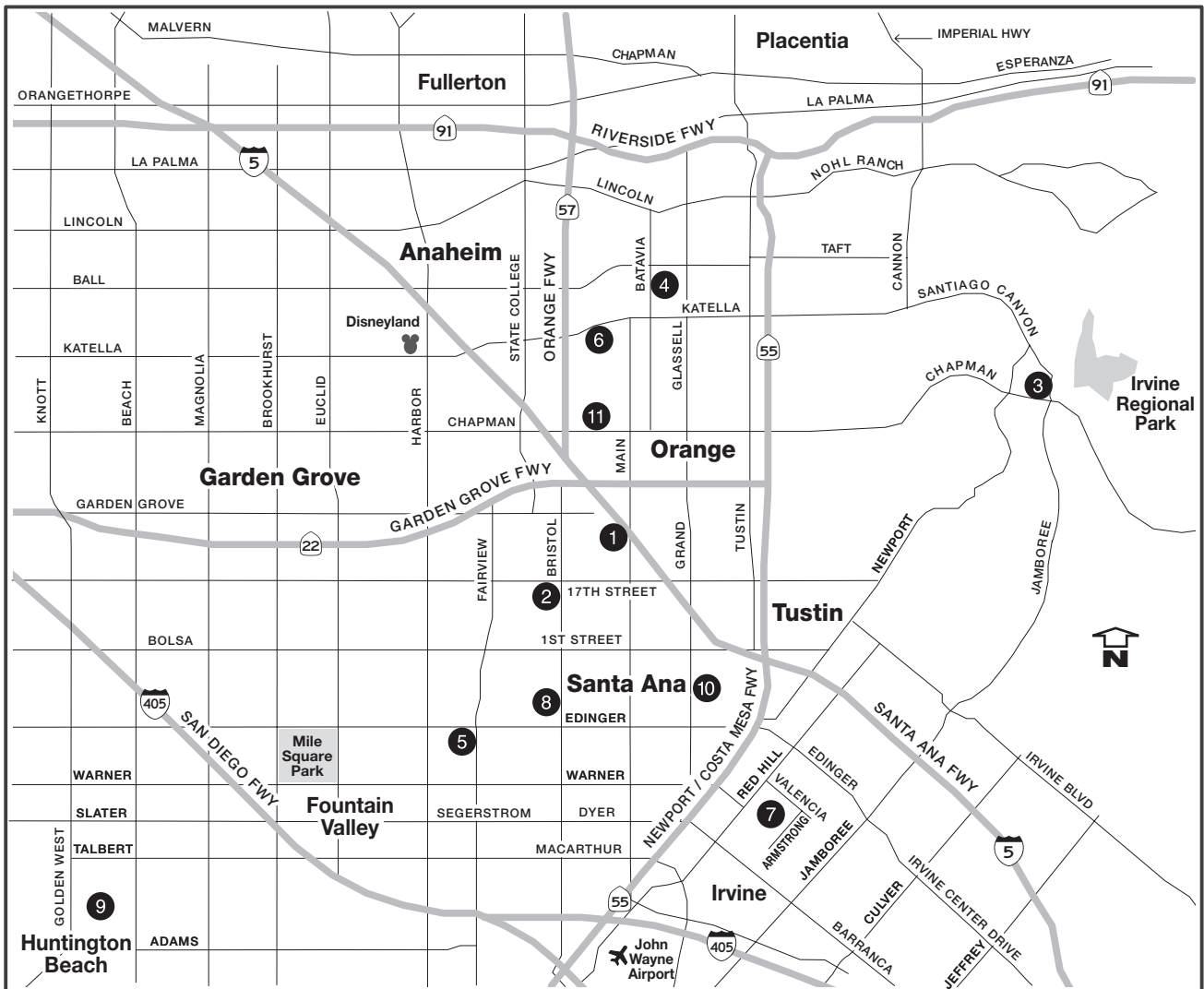


# RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

## SANTA ANA COLLEGE • SANTIAGO CANYON COLLEGE

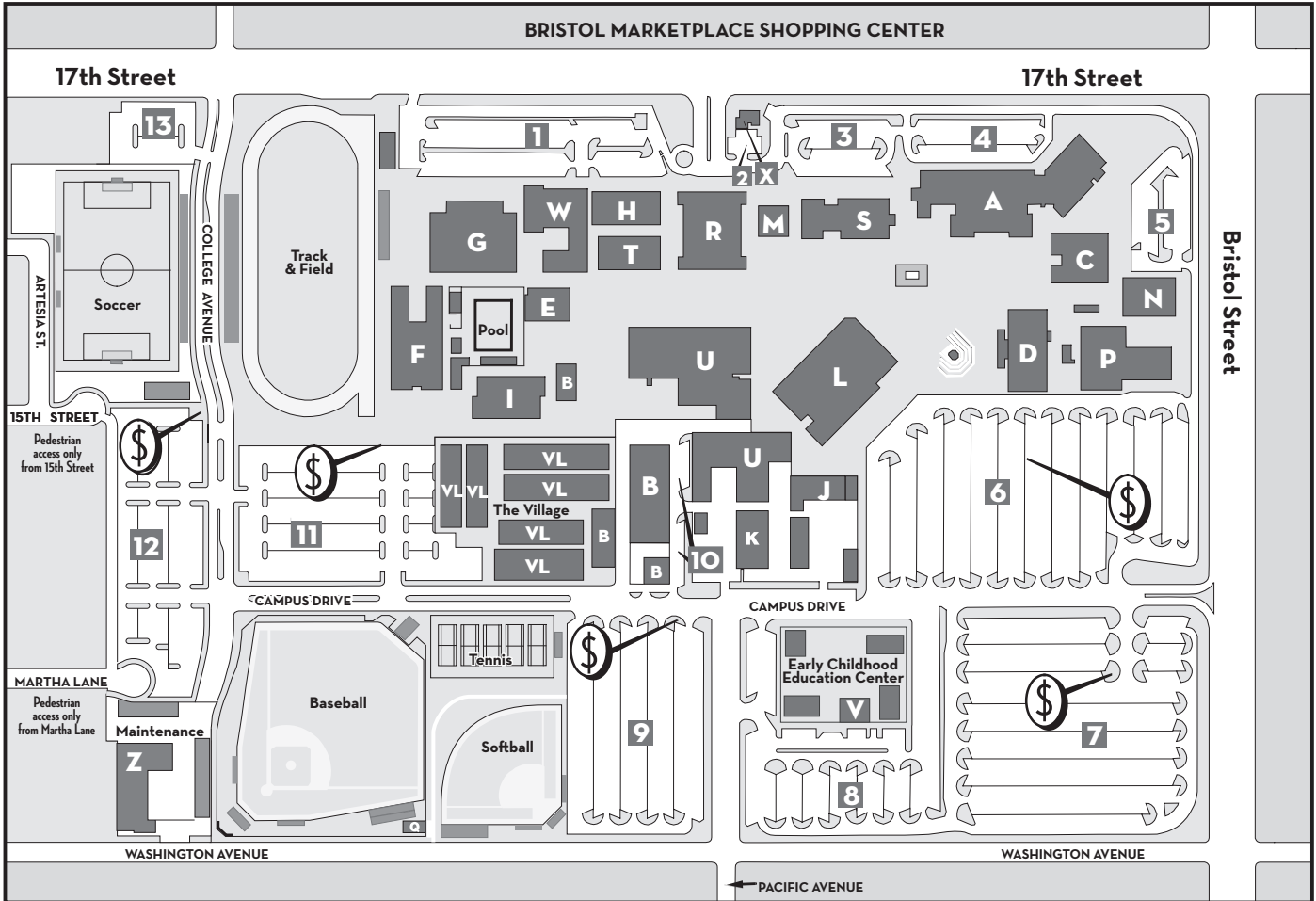
### MAJOR SITES

- 1 RSCCD Operations Center .....2323 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 Street..... Orange
- 5 Centennial Education Center (CEC).....2900 W. Edinger Avenue..... Santa 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 Avenue..... Tustin
- 8 Digital Media Center (DMC).....1300 S. Bristol Street..... Santa Ana
- 9 Joint Powers Training Center (JPTC CN).....18301 Gothard..... Huntington Beach
- 10 Orange County Probation Department .....1001 S. Grand Avenue..... Santa Ana
- 11 Chapman Center (CHAP).....1937 W. Chapman Avenue .... Orange



# SANTA ANA COLLEGE

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



## SAC FACILITIES AND LOCATIONS

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

## SAC PARKING

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

