



SANTA ANA COLLEGE

SCHEDULE OF CLASSES

# FALL 2013

Classes begin August 26 • [www.sac.edu](http://www.sac.edu)

Santiago Canyon College classes on reverse side



**SAC is** the first step to my career.

Vanessa Reconco,  
Biology



**SAC is** a new start to life.

Guillermo Lee,  
Musical Theatre/Business Marketing



**SAC is** where I achieve academically & play softball.

Alyssa Yglesias,  
Communication



**SAC is** full of opportunities.

Andrew Brahs,  
Fire Technology



**SAC is** a place where you can grow as an individual.

Damien Benson,  
Science/Micro Biology



**SAC is** a second home.

Angelica Urrutia,  
Journalism



**SAC is** a great community college with many career options.

Nancy Mendez,  
English



**SAC is** a long drive but worth it.

Allen Braun,  
Business



**SAC is** a college that played a pivotal role in my life.

Martin E Lopez,  
Geography



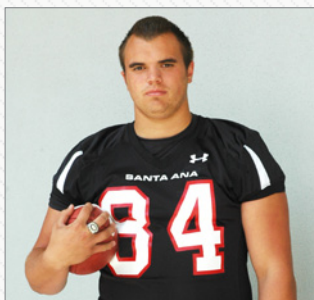
**SAC is** a wonderful college atmosphere.

Wendy Pasillas,  
Criminal Psychology



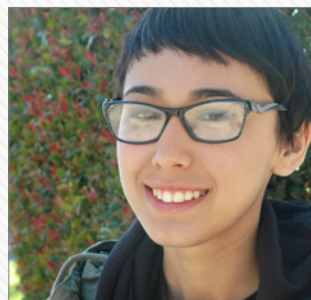
**SAC is** the start to my future.

Charlie Herrera,  
Music



**SAC is** a stepping stone to the next level.

Cole Griffin,  
Undecided



**SAC is** my comfort zone.

Jessica Valencia,  
Graphic Design



**SAC is** diverse.

Gonzalo Chavez,  
Automotive Technology

# 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 2013 COLLEGE CREDIT CLASS SCHEDULE

(August 26 – December 15, 2013)

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

Monday – Thursday . . . . .	8:00 am – 6:45 pm	The college is closed December 23, 2013 through December 29, 2013 ❖ Office hours subject to change
Friday . . . . .	8:00 am – 4:30 pm	
Saturday (August 31 only) . . . . .	8:30 am – 12:30 pm	

### REGISTRATION CALENDAR

- July 15 – August 23, 2013 . . . . . Online registration for CONTINUING students
- August 5 – August 23, 2013 . . . . . New and returning students view your registration appointment online.
- August 19 – August 23, 2013 . . . . . Loss of Priority Registration students
- August 22 – August 23, 2013 . . . . . CAP (concurrent K–12) students register online
- August 26 – October 19, 2013 . . . . . Registration for late-starting classes continues online

### INSTRUCTIONAL CALENDAR

- August 26, 2013. . . . . Instruction begins for Fall classes (full semester) and first GR8 Weeks session
- October 21, 2013. . . . . Second GR8 Weeks classes begin
- December 9–15, 2013. . . . . Final Exams Week

### CLASS ADD OR DROP DEADLINES

- September 6, 2013 . . . . . Last date to add a class with instructor signature or add code
- September 8, 2013 . . . . . 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 8, 2013 . . . . . Last date to drop a full-semester class and NOT receive a “W” grade  
Not full-semester courses = 10% of the course – Please refer to the section information via WebAdvisor for a specific section date
- October 25, 2013. . . . . Last date to add a second GR8 Weeks class with instructor signature or add code
- November 17, 2013. . . . . 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 11, 2013. . . . . Last date to file pass/no pass for first GR8 Weeks classes
- September 27, 2013 . . . . . Last date to file pass/no pass for full-semester classes
- October 18, 2013. . . . . Last date to petition for CSU and IGETC
- October 18, 2013. . . . . Last date to petition for December certificates
- October 18, 2013. . . . . Last date to petition for December graduation
- November 4, 2013. . . . . 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 2, 2013 . . . . . Labor Day (Monday)
- November 11, 2013 . . . . . Veteran’s Day (Monday)
- November 28–December 1, 2013 Thanksgiving Day (Thursday-Sunday)
- December 23–31, 2013 . . . . . Holiday Break
- January 1, 2014. . . . . New Year’s Day (Wednesday)



**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, M-105 . . . . .	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 . . . . .	. . . . .	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 . . . . .	Dee Tucker . . . . .	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> . . . . .	Maria Castellon . . . . .	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> , John Finch . . . . .	. . . . .	<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 . . . . .	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> . . . . .	Al Chin . . . . .	<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 . . . . .	Sylvia Turner . . . . .	SAC, Cesar Chavez Building, A-109 . . . . .	714-564-5600
Humanities & Social Sciences . . . . .	Shelly Jaffray . . . . .	SAC, Dunlap Hall, D-435-2 . . . . .	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 714-564-6260.

### 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 86.

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> ) . . . . .	Al Chin . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 . . . . .	714-480-7330
English as a Second Language . . . . .	Shelly Jaffray . . . . .	SAC, Dunlap Hall, D-435 . . . . .	714-564-6500
Environmental Safety/Crime Prevention . . . . .	Al Chin . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana . . . . .	714-480-7330
EOPS/CARE . . . . .	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-217 . . . . .	714-564-6091
Freshman Experience, Learning Communities II . . . . .	Steve Bautista/Martha Vargas/Todd Huck/Lynn Marecek . . . . .	SAC, Administration Building, S-110 . . . . .	714-564-6165
Graduation . . . . .	Christine Gorlato/Gina Wilson . . . . .	SAC, Administration Building, S-105-1 . . . . .	714-564-6052
Hazardous Materials . . . . .	Al Chin . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana . . . . .	714-480-7330
Health Services . . . . .	Rebecca Barnard . . . . .	SAC, Johnson Campus Center, U-120 . . . . .	714-564-6216
Honors Transfer Program . . . . .	Kathy Patterson . . . . .	SAC, Dunlap Hall, D-428 . . . . .	714-564-6528
Human Resources . . . . .	John Didion . . . . .	RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 . . . . .	714-480-7484
I-20 Form . . . . .		SAC, B-12 . . . . .	714-564-6047
Information, General . . . . .	Admissions/Records Staff . . . . .	SAC, S-101 . . . . .	714-564-6000
International Students . . . . .	Kanana Gitonga . . . . .	SAC, U-204C . . . . .	714-564-6047
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 Tanakeyovma . . . . .	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 . . . . .	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 . . . . .	714-654-6763
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 . . . . .		SAC, Administration Building, S-204 . . . . .	714-564-6478
<b>Security</b> . . . . .	James Wooley . . . . .	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 . . . . .	Roy Shahbazian . . . . .	SAC, Library Building, L-206 . . . . .	714-564-5420
Talent Search (TRIO) . . . . .	Marco Ramirez . . . . .	SAC, Library Building, L-220-S . . . . .	714-564-6182
Teacher Education Center . . . . .	Steve Bautista . . . . .	SAC, Administration Building, S-110 . . . . .	714-564-6352
Testing Information . . . . .	Beverly Birnbaum . . . . .	SAC, Library Building, L-221 . . . . .	714-564-6148
Transcripts . . . . .	SAC Admissions/Records Staff . . . . .	SAC, Administration Building, S-101 . . . . .	714-564-6461
Transfer Center . . . . .	Martha Vargas . . . . .	SAC, Administration Building, S-110 . . . . .	714-564-6165
Tutorial Center . . . . .	Pat Conner . . . . .	SAC, Johnson Campus Center, U-202 . . . . .	714-564-6260
U-Link . . . . .	Rochelle Zook . . . . .	SAC, Administration Building, S-133 . . . . .	714-564-6416
Upward Bound (TRIO) . . . . .	Romelia Madrigal . . . . .	SAC, Library Building, L-222 . . . . .	714-564-6843
Veterans Resource Center . . . . .	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 2013 may complete registration by computer.
- **New Students and Former (Returning) Students**  
Students enrolling for the first time or who are returning after **not** attending Spring 2013 must complete an Admission application **by applying online at [www.sac.edu](http://www.sac.edu)**.
- **Registration appointments for new students are processed on a first-come, first-serve basis at the time of application.**

### WHO MAY ATTEND

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

## STEP 2: REGISTRATION

### REGISTRATION PRIORITIES

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

### CONTINUING STUDENT

You are a continuing student if you were enrolled in college credit classes at SAC during the Spring 2013 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 2013 at SAC & SCC only.**
- Use any computer to enroll.
- Continuing students who do not meet the early registration deadline may register online until the Saturday before the semester begins.

## REGISTRATION (continued)

### TRANSFER STUDENT

#### INFORMATION FOR NEW STUDENTS FROM OTHER COLLEGES

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

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

### NEW STUDENT

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

- New students receive appointments to register on a first-come, first-serve basis. All new students to SAC are encouraged to complete matriculation services (testing, orientation, and advisement).
- To complete placement testing (assessment), you must first complete an Admission application online at [www.sac.edu](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).
- Registration appointments are issued on a first-come, first-serve basis. Students can view their registration date online via Web Advisor.

### LATE REGISTRATION AND ADD PERIOD (AUG. 26 TO SEPT. 6)

- **Instructor signature or add codes are required on all adds after the semester begins.**
- ADD forms to petition the instructor are available in the Admissions/Records Office. After completion, submit forms to the Admissions Office in S-101.
- Use the computer to drop classes through the established drop date (75% of the way through a class). To avoid fees, drop by September 8, 2013 for full-term classes, and 10% of the class for other non full-term classes.

**To Avoid Fees, drop online July 15 – September 8**

### 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 Online Records 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 classes before Sunday, September 8, 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 8 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 8!**

### 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, major, or educational goal**
- **Add or drop classes**
- **Pay fees online immediately**

**MORE REGISTRATION INFORMATION ...**

# ONLINE REGISTRATION



## FALL 2013 REGISTRATION

is available for continuing students enrolled at SAC during Spring 2013. 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)

<b>WebAdvisor REGISTRATION STEP-BY-STEP</b>	
<b>1</b>	Go to <b>www.sac.edu</b> and click on <b>Online Records</b>
<b>2</b>	From the Student 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>Search for Sections to Register</b> link (also click on address change to update your email account)
<b>6</b>	From the Search/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: \$214.00 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.

### STUDENT SERVICE FEE

A Student Service Fee of \$7.50 is payable at registration for classes at SAC. The fee includes: 1) \$2.50 for photo ID used for library, student and instructional services; and 2) \$5.00 for college activities. Photo ID and semester validation available at registration or the Cashier's Office, room S-104 at Santa Ana College. Payment of this fee is optional. See page 77 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				
\$214	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 Student Service Fees

Students who withdraw from full semester classes by Sunday, September 8, 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 8, 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

### WHAT is testing?

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

### WHO should complete testing?

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

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

### TYPES of placement tests that you might take

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

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

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

Sample tests may be viewed on the Testing Center web site [www.sac.edu/StudentServices/TestingCenter](http://www.sac.edu/StudentServices/TestingCenter).

### WHAT if I already tested?

Your test scores in English are valid for two years. If you tested more than two years ago and have not taken an English class at SAC or SCC you must test again. You may not retest in English for one month the first time and after that you may not retest for one semester (4 months).

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

Your Math scores are good for one year. If you tested more than one year ago and have not taken a math class at SAC or SCC you must retest. You may take a different level math test at any time. You may not take the same level test more than once in any semester (4 months).

Your TELD scores are good for two years. If you tested more than two years ago and have not taken an ESL, EMLS or ACE class at SAC or SCC you must retest. You may not retest on the TELD for one year.

Continuing students who need to retest should schedule an appointment during the regular semester.

### WHAT if I tested at another college?

If you tested within the last two years in English, last year in math, or anytime in reading, bring copies of placement test results in English, reading, and/or math, as well as course recommendations, to the Counseling Center at Santa Ana College, as soon as possible to determine whether it is necessary to complete testing at SAC or whether your eligibility can be verified and you can be cleared for registration.

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

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

### HOW do I complete testing?

1. New students must first apply to the college.
2. After you complete and admissions application online you will receive a Datatel ID number via e-mail in approximately 3 days.
3. **If you have not taken the placement test for English and/or Math, you may still register for courses that do not have English or Math as a requirement, on or after your registration date. However, please make sure you take the placement tests as soon as possible and seek educational advisement through various counseling services (i.e., counseling orientations, courses, workshops and appointments). Continuing students should complete placement testing during the regular semester. Appointments can be made online at [www.sac.edu/studentervices/testingcenter](http://www.sac.edu/studentervices/testingcenter).**
4. Computer-based CTEP English, Reading and Math are offered on a walk-in basis throughout the semester (except last two weeks), however, you should check to see when walk-in time are offered.
5. A more intensive schedule testing for Fall semester which begins July 22 is shown on page 9 of this schedule. You may schedule an appointment for one of these times online at [www.sac.edu/studentervices/testingcenter](http://www.sac.edu/studentervices/testingcenter).
6. After completing testing, new students will be directed to attend an orientation where they will receive their test results and other information about the college. You may register for most classes on your assigned registration date, however, you can only register for those that require a placement test prerequisite after you complete testing, orientation and advisement.

### WHY should I do this?

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

### WHAT if I still have questions?

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

### RIGHT TO APPEAL

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

## MORE TEST INFORMATION AND TESTING SCHEDULES . . .

# TESTS - PLACEMENT & FINAL EXAMINATIONS

## SANTA ANA COLLEGE FALL 2013

### PLACEMENT TESTING SCHEDULE

- If you have not taken the placement test for English and/or Math, you may still register for courses that do not have English or Math prerequisites as a requirement, on or after your registration date. However, please make sure you take the placement tests as soon as possible, and seek educational advisement through various counseling services (i.e., counseling orientations, courses, workshops and appointments). Continuing students should complete placement testing during the regular semester. In addition to the test dates below, placement testing is offered weekly during the semester.
- 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 time frame shown on page 8, "What if I Already Tested"
- Please arrive 30 minutes early.
- Orientation and advisement including test results follow testing. An appointment will be scheduled for you when you complete testing.
- Picture I.D. is required.
- All students must have a testing appointment. To schedule an appointment for the following dates listed below you may go to [www.sac.edu/StudentServices/TestingCenter](http://www.sac.edu/StudentServices/TestingCenter).
- All tests will be given in the Testing Center, L-221.

DATE	CTEP (Eng/Read) – Room L-221	MATH – Room L-221	TELD (EMLS/ESL) – Room L-221	MATH – Room L-221
Monday, July 22	9:00 am	10:30 am		
Tuesday, July 23	9:00 am	10:30 am		
Wednesday, July 24	9:00 am	10:30 am		
Thursday, July 25			9:00 am	10:30 am
Monday, July 29	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, July 30	9:00 am	10:30 am	6:00 pm	7:30 pm
Wednesday, July 31	9:00 am	10:30 am		
Thursday, August 1	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Monday, August 5	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 6	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, August 7	9:00 am	10:30 am		
Thursday, August 8	6:00 pm	7:30 pm	9:00 am	10:30 am
Monday, August 12	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 13	9:00 am	10:30 am	6:00 pm	7:30 pm
Wednesday, August 14	9:00 am	10:30 am		
Thursday, August 15	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Monday, August 19	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Tuesday, August 20	9:00 am & 6:00 pm	10:30 am & 7:30 pm		
Wednesday, August 21	9:00 am	6:00 pm		

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

### COMPUTER-BASED TESTING

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

### CHEMISTRY 219 ADMISSIONS TEST

The Chemistry 219 Admissions Test takes 45 minutes. Students do not need an appointment. **Picture identification is required.** All tests will be held at the **Testing Center**, Room L-221 on the second floor of the library building on the Santa Ana Campus. The test will be given on the first Thursday of each month when school is in session, and on July 25 at 1:00 pm and 5:00 pm, August 8 at 1:00 pm and 5:00 pm and August 22, 2013 at 1:00 pm and 5:00 pm.

### SANTA ANA COLLEGE FALL 2013 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 15. 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 19, 2013.**

# 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 79 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 khỏe, thông tin di truyền, nguồn gốc tổ tiên, khuyết tật 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.

## 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 repeat form must be completed in Admissions and reviewed by an Admissions Office administrator.

### 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. Criteria that can be considered is a significant lapse of time (usually 3 years or more) since the student previously completed the course, or in the event of documental extenuating circumstances (accident, illness, injury, or other circumstance beyond the control of the student).

### WITHDRAWAL POLICY

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

For a semester length course, students must drop by Sunday, September 8, 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 8, 2013 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 9 and November 17, 2013. 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 27, 2013. **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 19, 2013.
- 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	0
Non-forcible sex offense	0	0	1
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

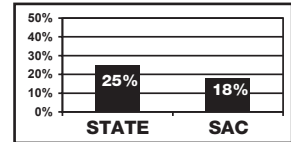
## SANTA ANA COLLEGE RATES OF STUDENT PROGRESS STUDENT RIGHT-TO-KNOW ACT

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 freshman students who entered Santa Ana College in Fall 2008, the “completion rate” represents those students who earned an Associates Degree, certificate of completion, or 56 UC/CSU transferable credits within three years.

### 2008 COHORT COMPLETION RATE

STATE	25%
SAC	18%



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

### 2008 COHORT TRANSFER RATE

STATE	14%
SAC	8%



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 2013 books sold online beginning January 17.**

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

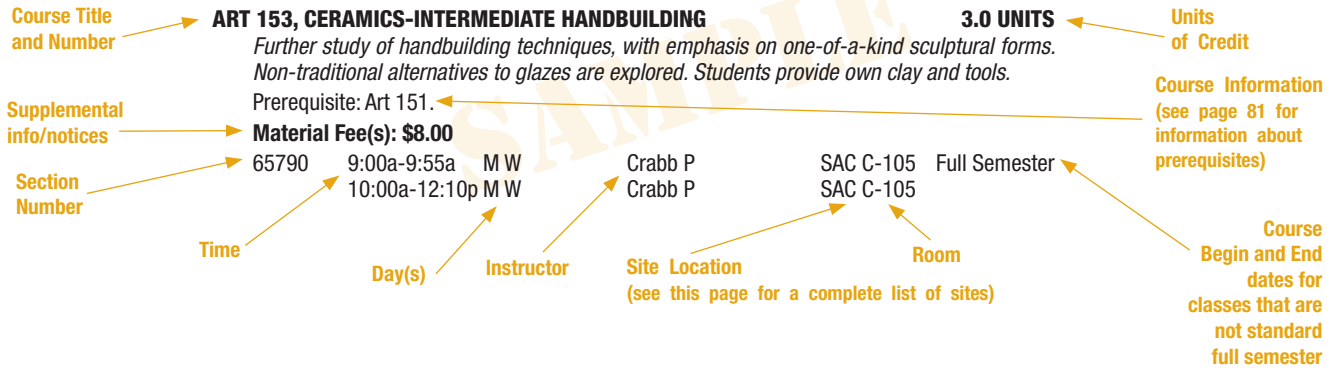
**Business Skills • Communication • Computer Skills  
Office Management • Self Improvement**

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 16.
-  ONLINE CLASSES – Look for the Online class symbol in the schedule or check the complete list on pages 18–20
-  HYBRID CLASSES – Look for the Hybrid class symbol in the schedule or check the complete list on pages 18–20
-  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 15.

## LOCATIONS

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

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

The Santa Ana College campus map is printed on page



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 2013

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT 035 . 73158			Anderson J	SAC WEB.	08/26-10/18
ACCT 035 . 73211	6:00p-10:20p	M	Anderson J	SAC A-228	08/26-10/14
ACCT 113 . 73233	6:00p-10:10p	W	Siebert P	SAC A-222	08/28-10/16
ANTH 100 . 73437	1:00p-4:20p	M W	Staff	SAC D-209	08/26-10/16
ANTH 101 . 73417	9:30a-12:40p	Tu Th	Robertson M	SAC D-401	08/27-10/17
ANTH 101L . 73419	1:00p-4:10p	Tu Th	Robertson M	SAC D-401	08/27-10/17
ART 100 . 73130	6:00p-10:05p	F	Redfield M	SAC C-104	09/13-10/19
AND	12:30p-4:35p	Sa	Redfield M	SAC C-104	
AUTO 086 . 73345	6:00p-10:15p	F	Wilkes D	SAC J-102	08/30-10/18
BANK 010 . 73245	9:00a-2:50p	Sa	Trabant T	SAC A-207	08/31-10/05
BUS 100 . 73731			Doolittle G	SAC WEB.	08/26-10/18
BUS 110 . 73766	6:00p-10:00p	Tu	Grant M	SAC A-203	08/27-09/17
BUS 111 . 73769	6:00p-10:00p	Tu	Shweiri G	SAC A-203	09/24-10/15
BUS 147 . 73788	6:00p-10:00p	Th	Mitchell C	SAC A-203	08/29-09/19
BUS 148 . 73789	6:00p-10:00p	Th	Mitchell C	SAC A-203	09/26-10/17
BA 035 . 73265	9:00a-12:10p	Sa	Ali W	SAC A-222	08/31-10/19
BA 188 . 73304			Montiel-Childress D	SAC WEB.	08/26-10/18
BA 188 . 73305	6:30p-9:40p	F	Nguyen T	SAC A-226	08/30-10/18
BA 190 . 73308			Lehrer C	SAC WEB.	08/26-10/18
CMST 101 . 73743	6:00p-9:55p	F	Holder V	SAC C-207	09/13-10/19
AND	9:00a-12:55p	Sa	Holder V	SAC C-207	
CMST 102 . 73815	2:00p-5:05p	M W	Fondren S	SAC I-103	08/26-10/16
CMST 102 . 74016	12:30p-3:35p	M W	Morris M	SAC C-213	08/26-10/16
CMST 145 . 74474	6:00p-9:05p	M W	Fondren S	SAC C-207	08/26-10/16
CMST 206H 74496	1:00p-4:10p	Tu Th	Lockwood L	SAC C-213	08/27-10/17
CNSL 114 . 72172	4:45p-6:50p	Th	Campos J	SAC I-108	08/29-10/17
CNSL 116 . 72640			Sadler D	SAC WEB.	08/26-10/18
CJA 026A . 73052	7:00a-4:00p	Sa	Staff	CJTC-SD	09/07-09/14
ECON 120 . 74424	7:00p-10:10p	Tu Th	Meister D	SAC I-107	08/27-10/17
ENGL 061 . 73982	9:00a-1:30p	M W	Ramshaw C	SAC I-104	08/26-10/16
ENGL 061 . 73990	9:00a-1:15p	Tu Th	Higgins M	SAC D-102	08/27-10/17
ENGL 061 . 73642	11:40a-3:55p	Tu Th	Tran M	SAC I-201	08/27-10/17
ENGL 061 . 73987	12:00p-4:30p	M W	Higgins M	SAC D-304	08/26-10/16
ENGL 101 . 73997	7:30a-11:45a	Tu Th	Mitzner R	SAC D-210	08/27-10/17
EMLS 110 . 73090	8:00a-12:15p	Tu Th	Hicks R	SAC I-104	08/27-10/17
ENTR 101 . 73820	6:00p-10:00p	Tu	Thomason G	SAC A-207	08/27-09/17
ENTR 102 . 73821	6:00p-10:00p	Tu	Kikawa E	SAC D-103	09/24-10/15

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ENR 104 . 73824	6:00p-10:10p	Th	Fisher T	SAC A-207	08/29-10/17
FDM 215 . 76522	5:30p-9:50p	Tu	Bryant C	SAC T-201	08/27-10/15
FAC 008 . 74715	7:30a-11:30a	Su	Sneddon M	JPT-CN	09/15-09/15
GEOL 169 . 74674			Hughes P	SAC	09/17-10/08
AND	5:30p-6:30p	Tu	Hughes P	SAC R-111	09/17-09/17
HIST 121 . 73177	1:00p-4:10p	Tu Th	Gheffi G	SAC D-204	08/27-10/17
HUD 114 . 74604	4:45p-6:50p	Th	Campos J	SAC I-108	08/29-10/17
HUD 215 . 74610	6:00p-10:10p	Th	Oliveira-Foster C	SAC V-150	08/29-10/17
AND	8:00a-4:00p	Sa	Oliveira-Foster C	SAC V-150	
HUD 221 . 74626	6:30p-9:40p	M W	Morgan-Beazell G	SAC V-150	08/26-10/16
HUD 221 . 74625	11:00a-2:10p	Tu Th	Morgan-Beazell G	SAC V-150	08/27-10/17
KNHE 101 . 74202			Breig D	SAC WEB.	08/26-10/18
KNHE 105 . 74691	7:30a-8:55a	Tu Th	Staff	SAC G-107	08/27-10/17
KNHE 107 . 74455	9:40a-11:45a	Tu Th	Sneddon D	SAC G-107	08/27-10/17
KNPR 150 . 74225			Luppani M	SAC WEB.	08/26-09/18
MKTG 123 . 73727	6:00p-10:00p	Th	Russo J	SAC A-222	08/29-09/19
MKTG 124 . 73728	6:00p-10:00p	Th	Russo J	SAC A-222	09/26-10/17
MKTG 125 . 73729			Russo J	SAC WEB.	08/26-10/18
MATH 060 . 74189	2:45p-4:50p	M Tu W Th	Shahbazian R	SAC I-102	08/26-10/17
MATH 060 . 74291	6:00p-8:05p	M Tu W Th	Meier K	SAC R-303	08/26-10/17
MATH 060 . 74288	7:30a-9:35a	M Tu W Th	Hager B	SAC R-318	08/26-10/17
MA 020 . 72891	8:00a-12:00p	F	Emley C	SAC R-307	09/20-09/20
AND	1:00p-5:10p	F	Emley C	SAC R-307	
MUS 142 . 74550	11:30a-12:35p	M W	Kehlenbach E	DMC-204	08/26-10/16
AND	12:45p-1:35p	M W	Kehlenbach E	DMC-204	
MUS 146 . 74704	6:00p-9:20p	M	Garcia J	DMC-204	08/26-10/16
AND	6:00p-9:20p	W	Garcia J	DMC-204	
MUS 146 . 74675	12:00p-1:25p	Tu Th	Bush N	DMC-204	08/27-10/17
AND	1:35p-2:50p	Tu Th	Bush N	DMC-204	
OTA 202 . 74669	TBA		Hyman D	SAC	08/26-10/20
PARA 100 . 74248	8:00a-12:00p	Sa	Lamarra K	SAC A-130	08/31-10/05
AND	12:30p-4:30p	Sa	Lamarra K	SAC A-130	
PARA 135 . 73070	6:00p-10:10p	Th	Tanner W	SAC A-205	08/29-10/17
PHAR 057 . 73357	6:00p-7:25p	Tu Th	Nguyen N	SAC H-210	08/27-10/03
AND	7:35p-10:05p	Tu Th	Nguyen N	SAC H-210	
SPAN 101 . 75526	2:00p-4:30p	M Tu W Th	Labrit G	SAC I-202	08/26-10/17
THEA 135 . 73066	TBA		Tivenan V	SAC P-100	08/26-10/18
THEA 150 . 73001	TBA		Cannon C	SAC P-100	08/26-10/18

## 2ND 8-WEEK COURSES FOR FALL 2013

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT 032 . 73136	7:00p-9:20p	M	Anderson J	SAC A-228	10/21-12/09
ACCT 035 . 73167			Anderson J	SAC WEB.	10/21-12/13
ACCT 035 . 73198			Anderson J	SAC WEB.	10/21-12/13
ACCT 114 . 73238	6:00p-10:10p	W	Siebert P	SAC A-222	10/23-12/11
ACCT 124 . 73235	6:00p-8:05p	Tu	Sung L	SAC A-222	10/22-12/10
ANTH 101 . 73421	9:30a-12:40p	Tu Th	Robertson M	SAC D-401	10/22-12/12
ANTH 101L . 73424	1:00p-4:10p	Tu Th	Robertson M	SAC D-401	10/22-12/12
BANK 010 . 73247	9:00a-2:50p	Sa	Trabant T	SAC A-207	10/26-12/07
BUS 113 . 73771	6:00p-10:00p	Tu	Shweiri G	SAC A-203	10/22-11/12
BUS 114 . 73773	6:00p-10:00p	Tu	Shweiri G	SAC A-203	11/19-12/10
BUS 149 . 73791	6:00p-10:00p	Th	Mitchell C	SAC A-203	10/24-11/14
BUS 150 . 72831	7:00p-10:10p	M W	Nichols B	SAC A-213	10/21-12/11

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
BUS 150 . 72829	7:50a-10:55a	M W	Nichols B	SAC A-213	10/21-12/11
BA 043 . 73255	4:55p-6:55p	W	Ali W	SAC A-224	11/13-12/04
BA 125 . 73294	9:00a-12:30p	Sa	Banh H	SAC A-226	10/26-12/14
BA 147 . 73295	9:00a-12:30p	Sa	Ali W	SAC A-222	10/26-12/14
BA 177 . 73299	7:00p-10:20p	M	Nguyen T	SAC A-222	10/21-12/09
BA 189 . 73306			Montiel-Childress D	SAC WEB.	10/21-12/13
BA 189 . 73307	6:30p-10:00p	F	Nguyen T	SAC A-226	10/25-12/13
BA 191 . 73309			Lehrer C	SAC WEB.	10/21-12/13
CMST 102 . 73819	6:00p-9:05p	M W	Fondren S	SAC I-103	10/21-12/11
CMST 206H 72815	7:50a-10:55a	Tu Th	Nichols B	SAC A-213	10/22-12/12
CMST 206H 72830	12:00p-3:05p	M W	Nichols B	SAC A-213	10/21-12/11
CJA 009B . 73053	6:00p-8:00p	Tu Th	Sneddon M	SAC CJTC-SD	11/05-12/03



## 2ND 8-WEEK COURSES FOR FALL 2013 CONTINUED...

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
CJA 010 . . . 73055	6:00p-10:00p	. . . Tu Th	. . . Staff	. . . SAC CJTC-SD	10/08-11/02
AND	8:00a-12:00p	. . . Sa	. . . Staff	. . . SAC CJTC-SD	
CJA 026A . . . 73310	7:00a-4:00p	. . . Sa	. . . Staff	. . . SAC CJTC-SD	11/16-11/23
ECON 121 . . . 74428	7:00p-10:20p	. . . Tu Th	. . . Meister D.	. . . SAC I-107	10/22-12/12
EMT 105 . . . 72887		. . . F	. . . Dethlefsen E	. . . SAC R-203	11/08-12/13
EMT 105 . . . 72888		. . . F	. . . Dethlefsen E	. . . SAC R-203	11/08-12/13
EMT 111 . . . 72889	8:30a-12:30p	. . . F Sa	. . . Dethlefsen E	. . . SAC R-307	10/11-10/19
AND	1:00p-5:00p	. . . F Sa	. . . Dethlefsen E	. . . SAC R-307	
ENGL 101 . . . 73993	9:00a-1:30p	. . . Tu Th	. . . Higgins M	. . . SAC D-102	10/22-12/12
ENGL 101 . . . 73985	9:00a-1:30p	. . . M W	. . . Ramshaw C.	. . . SAC I-104	10/21-12/11
ENGL 101 . . . 73989	12:00p-4:30p	. . . M W	. . . Higgins M	. . . SAC D-304	10/21-12/11
ENGL 102 . . . 73999	7:30a-11:45a	. . . Tu Th	. . . Mitzner R.	. . . SAC D-210	10/22-12/12
EMLS 112 . . . 73092	8:00a-12:30p	. . . Tu Th	. . . Hicks R	. . . SAC I-104	10/22-12/12
ENTR 100 . . . 73817			. . . Doolittle G	. . . SAC WEB	10/21-12/13
ENTR 103 . . . 73823	6:00p-10:10p	. . . Tu	. . . Hobbs R.	. . . SAC A-207	10/22-12/10
ENTR 105 . . . 73827			. . . Vonheim E	. . . SAC HYBRID	10/21-12/13
AND	6:00p-10:10p	. . . Th	. . . Vonheim E	. . . SAC HYBRID	
ENTR 111 . . . 73830			. . . Doolittle G	. . . SAC WEB	10/21-12/13
FAC 008 . . . 74716	7:30a-11:30a	. . . Su	. . . Sneddon M	. . . JPT-CN	10/06-10/06
FAC 008 . . . 74717	7:30a-11:30a	. . . Su	. . . Sneddon M	. . . JPT-CN	11/03-11/03
FAC 008 . . . 74718	7:30a-11:30a	. . . Su	. . . Sneddon M	. . . JPT-CN	12/01-12/01
HIST 121 . . . 74239	6:00p-9:25p	. . . F	. . . Riggins C.	. . . SAC I-109	10/25-12/14
AND	9:00a-12:25p	. . . Sa	. . . Riggins C.	. . . SAC I-109	
HUD 216 . . . 74622	6:00p-10:30p	. . . Th	. . . Oliveira-Foster C	. . . SAC V-150	10/24-12/12
AND	8:00a-4:45p	. . . Sa	. . . Oliveira-Foster C	. . . SAC V-150	
KNFI 100 . . . 74783	TBA		. . . Jones G.	. . . SAC E-108	10/21-12/13
KNFI 109A . . . 74256	TBA		. . . Luppiani M.	. . . SAC E-102	10/21-12/13

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
KNFI 110A . . . 74259	TBA		. . . Luppiani M.	. . . SAC E-102	10/21-12/13
KNHE 101 . . . 74280	TBA		. . . Siddons A	. . . SAC WEB	10/21-12/13
KNHE 101 . . . 74207	TBA		. . . Breig D	. . . SAC WEB	10/21-12/13
KNHE 105 . . . 74692	7:30a-8:55a	. . . Tu Th	. . . Staff	. . . SAC G-107	10/22-12/12
KNHE 107 . . . 74458	9:40a-11:45a	. . . Tu Th	. . . Sneddon D.	. . . SAC G-107	10/22-12/12
KNPR 150 . . . 74702			. . . Staff	. . . SAC WEB	10/21-12/13
MKTG 113 . . . 73724			. . . Russo J.	. . . SAC WEB	10/21-12/13
MKTG 126 . . . 73730			. . . Stewart L.	. . . SAC WEB	10/21-12/13
MATH 080 . . . 74854	2:45p-5:35p	. . . M Tu W Th	. . . Shahbazian R	. . . SAC I-102	10/21-12/12
MATH 080 . . . 74305	6:00p-8:50p	. . . M Tu W Th	. . . Meier K	. . . SAC R-303	10/21-12/12
MATH 080 . . . 74302	7:30a-10:20a	. . . M Tu W Th	. . . Hager B.	. . . SAC R-318	10/21-12/12
MUS 143 . . . 74553	11:30a-12:35p	. . . M W	. . . Kehlenbach E	. . . DMC-204	10/21-12/11
AND	12:45p-1:35p	. . . M W	. . . Kehlenbach E	. . . DMC-204	
MUS 144 . . . 74686	6:00p-8:05p	. . . M	. . . Garcia J.	. . . DMC-204	10/21-12/11
AND	6:00p-8:05p	. . . W	. . . Garcia J.	. . . DMC-204	
MUS 144 . . . 74673	11:30a-12:35p	. . . M W	. . . Kehlenbach E	. . . DMC-204	10/21-12/11
AND	12:45p-1:35p	. . . M W	. . . Kehlenbach E	. . . DMC-204	
MUS 147 . . . 74699	6:00p-9:20p	. . . M	. . . Garcia J.	. . . DMC-204	10/21-12/11
AND	6:00p-9:20p	. . . W	. . . Garcia J.	. . . DMC-204	
OTA 203 . . . 74670	TBA		. . . Hyman D	. . . SAC	10/21-12/13
PARA 132 . . . 73257	6:00p-10:20p	. . . Th	. . . Tanner W	. . . SAC A-205	10/24-12/12
PSYC 100 . . . 74246	3:00p-6:20p	. . . M W	. . . Dulaey J	. . . SAC D-210	10/21-12/11
SOCS 100 . . . 73438	1:00p-4:20p	. . . M W	. . . Govea M	. . . SAC D-209	10/21-12/11
SPAN 102 . . . 75529	2:00p-4:30p	. . . M Tu W Th	. . . Labrit G	. . . SAC I-202	10/21-12/12
STDY 091 . . . 75062	1:00p-3:05p	. . . Tu	. . . Staff	. . . SAC I-201	10/22-12/10
THEA 135 . . . 73035	TBA		. . . Tivenan V.	. . . SAC P-100	10/21-12/13

SANTA ANA COLLEGE



## FALL 2013 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 23 in this publication) for more complete information.

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ACCT 102 . . . 73230	9:00a-1:10p	. . . Sa	. . . Shende A.	. . . SAC A-209	Full Semester
ART 100 . . . 73130	6:00p-10:05p	. . . F	. . . Redfield M.	. . . SAC C-104	09/13-10/19
AND	12:30p-4:35p	. . . Sa	. . . Redfield M.	. . . SAC C-104	
ART 195 . . . 74181	6:30p-9:20p	. . . F	. . . Caterina A.	. . . SAC A-219	Full Semester
AND	9:30p-10:20a	. . . F	. . . Caterina A.	. . . SAC A-219	
AUTO 086 . . . 73345	6:00p-10:15p	. . . F	. . . Wilkes D	. . . SAC J-102	08/30-10/18
BANK 010 . . . 73245	9:00a-2:50p	. . . Sa	. . . Trabant T.	. . . SAC A-207	08/31-10/05
BANK 010 . . . 73247	9:00a-2:50p	. . . Sa	. . . Trabant T.	. . . SAC A-207	10/26-12/07
BIOL 109 . . . 73667	9:00a-12:10p	. . . Sa	. . . McMath L	. . . SAC R-128	Full Semester
BIOL 109L . . . 73706	12:30p-3:40p	. . . Sa	. . . Palmier C.	. . . SAC R-202	Full Semester
BIOL 239 . . . 73877			. . . Mansfield P	. . . SAC HYBRID	Full Semester
AND	3:00p-6:10p	. . . F	. . . Johnson R.	. . . SAC R-201	
BIOL 239 . . . 73874	12:00p-3:10p	. . . Sa	. . . Dibernardo L	. . . SAC R-124	Full Semester
AND	8:30a-11:40a	. . . Sa	. . . Dibernardo L	. . . SAC R-201	
BIOL 239 . . . 73876	12:00p-3:10p	. . . Sa	. . . Dibernardo L	. . . SAC R-124	Full Semester
AND	3:30p-6:40p	. . . Sa	. . . Johnson R.	. . . SAC R-201	
BA 035 . . . 73265	9:00a-12:10p	. . . Sa	. . . Ali W	. . . SAC A-222	08/31-10/19
BA 057 . . . 73267	9:00a-12:10p	. . . Sa	. . . Frias Callejas M.	. . . SAC A-224	Full Semester
BA 125 . . . 73294	9:00a-12:30p	. . . Sa	. . . Banh H	. . . SAC A-226	10/26-12/14
BA 147 . . . 73295	9:00a-12:30p	. . . Sa	. . . Ali W	. . . SAC A-222	10/26-12/14

COURSE SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
BA 188 . . . 73305	6:30p-9:40p	. . . F	. . . Nguyen T.	. . . SAC A-226	08/30-10/18
BA 189 . . . 73307	6:30p-10:00p	. . . F	. . . Nguyen T.	. . . SAC A-226	10/25-12/13
CHEM 209 . . . 73888	9:00a-12:10p	. . . Sa	. . . Moore B.	. . . SAC R-318	Full Semester
AND	1:00p-4:10p	. . . Sa	. . . Moore B.	. . . SAC R-301	
CMST 101 . . . 73743	6:00p-9:55p	. . . F	. . . Holder V.	. . . SAC C-207	09/13-10/19
AND	9:00a-12:55p	. . . Sa	. . . Holder V.	. . . SAC C-207	
CMST 101 . . . 73733	9:00a-12:10p	. . . Sa	. . . Harris M	. . . SAC I-206	Full Semester
CJA 010 . . . 73055	6:00p-10:00p	. . . Tu Th	. . . Staff	. . . CJTC-SD	10/08-11/02
AND	8:00a-12:00p	. . . Sa	. . . Staff	. . . CJTC-SD	
CJA 026A . . . 73310	7:00a-4:00p	. . . Sa	. . . Staff	. . . CJTC-SD	11/16-11/23
CJA 026A . . . 73052	7:00a-4:00p	. . . Sa	. . . Staff	. . . CJTC-SD	09/07-09/14
ERTH 110 . . . 74352	9:00a-12:10p	. . . Sa	. . . Greenwood R.	. . . SAC R-111	Full Semester
ECON 120 . . . 73002			. . . Ho L	. . . SAC HYBRID	Full Semester
AND	10:00a-11:30a	. . . Sa	. . . Ho L	. . . SAC A-211	
ECON 121 . . . 73005			. . . Ho L	. . . SAC HYBRID	Full Semester
AND	11:40a-1:10p	. . . Sa	. . . Ho L	. . . SAC A-211	
EMT 111 . . . 72889	8:30a-12:30p	. . . F Sa	. . . Dethlefsen E	. . . SAC R-307	10/11-10/19
AND	1:00p-5:00p	. . . F Sa	. . . Dethlefsen E	. . . SAC R-307	
ENGR 011 . . . 73905	5:00p-7:05p	. . . F	. . . Staff	. . . SAC A-130	Full Semester

WEEKEND CLASSES

**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"

# FALL 2013 WEEKEND CLASSES CONTINUED...

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
ENGR 130A	73591	12:15p-3:25p	Sa	Cole J	SAC HYBRID	Full Semester
AND				Cole J	SAC A-225	
ENGR 130B	73592	12:15p-3:25p	Sa	Cole J	SAC HYBRID	Full Semester
AND				Cole J	SAC A-225	
ENGR 140A	73703	6:30p-9:40p	W	Rodriguez Ponce L	SAC A-216	Full Semester
AND		9:00a-11:10a	Sa	Rodriguez Ponce L	SAC A-216	
ENGR 140B	73710	6:30p-9:40p	W	Rodriguez Ponce L	SAC A-216	Full Semester
AND		9:00a-11:10a	Sa	Rodriguez Ponce L	SAC A-216	
ENGR 183	73843			Fonseca J	SAC HYBRID	Full Semester
AND		8:00a-12:10p	Sa	Fonseca J	SAC A-225	
ENGR 184	73844			Fonseca J	SAC HYBRID	Full Semester
AND		8:00a-12:10p	Sa	Fonseca J	SAC A-225	
ENGL 101	73716	9:00a-1:15p	Sa	Ozima M	SAC I-106	Full Semester
FAC 008	74715	7:30a-11:30a	Su	Sneddon M	JPT-CN	09/15-09/15
FAC 008	74716	7:30a-11:30a	Su	Sneddon M	JPT-CN	10/06-10/06
FAC 008	74717	7:30a-11:30a	Su	Sneddon M	JPT-CN	11/03-11/03
FAC 008	74718	7:30a-11:30a	Su	Sneddon M	JPT-CN	12/01-12/01
FAC 060	74711	8:45a-5:45p	M Tu W Th F Sa	Chidester D	JPT-CN	08/26-12/07
HIST 121	74239	6:00p-9:25p	F	Riggins C	SAC I-109	10/25-12/14
AND		9:00a-12:25p	Sa	Riggins C	SAC I-109	
HUD 112	74602			Valdez S	SAC HYBRID	Full Semester
AND		9:30a-12:30p	Sa	Valdez S	SAC V-151	
MNFG 011	73904	5:00p-7:05p	F	Zonin A	SAC A-130	Full Semester
MNFG 053	73906	7:15p-10:25p	F	Zonin A	SAC A-130	Full Semester
MNFG 071	73919	9:00a-1:15p	Sa	Singh N	SAC H-207	Full Semester
MNFG N96	73938	1:30p-3:20p	Sa	Digilio G	SAC T-107	Full Semester
MNFG N96	73939	3:30p-5:20p	Sa	Digilio G	SAC T-107	Full Semester
MNFG N96	73936	9:00a-10:50a	Sa	Digilio G	SAC T-107	Full Semester
MNFG N96	73937	11:00a-12:50p	Sa	Digilio G	SAC T-107	Full Semester
MNFG N97	73942	1:30p-3:20p	Sa	Digilio G	SAC T-107	Full Semester
MNFG N97	73943	3:30p-5:20p	Sa	Digilio G	SAC T-107	Full Semester
MNFG N97	73940	9:00a-10:50a	Sa	Digilio G	SAC T-107	Full Semester
MNFG N97	73941	11:00a-12:50p	Sa	Digilio G	SAC T-107	Full Semester
MATH N48	74556	8:00a-12:15p	Sa	Pilz L	SAC R-113	Full Semester
MATH 060	74292			Shahbazian R	SAC WEB	Full Semester
AND		4:00p-6:00p	F	Shahbazian R	SAC I-204	
MATH 080	74306			Vu D	SAC WEB	Full Semester
AND		6:00p-8:00p	F	Vu D	SAC I-203	
MATH 080	74299	8:00a-1:20p	Sa	Maiah A	SAC I-203	Full Semester
MATH 140	74434			Solheid C	SAC WEB	Full Semester
AND		6:00p-8:00p	F	Solheid C	SAC I-204	
MATH 140	74430	8:00a-12:15p	Sa	Gonzalez J	SAC I-204	Full Semester
MATH 219	75556	7:15p-9:15p	Th	Elgindi I	SAC L-207	Full Semester
AND		9:00a-12:00p	Sa	Elgindi I	SAC I-102	
MUS 185	73975	10:00a-10:55a	Sa	Adele D	SAC N-114	Full Semester
AND		11:00a-11:55a	Sa	Adele D	SAC N-114	
NRN 101L	72755	TBA	Sa	Paunovic M	CAREHOUSE	07/27-12/07
NRN 101L	72756	TBA	Sa	Haglund B	KINDRED	07/27-12/07
NRN 201L	72766	TBA	Sa Su	Stucken R	COL	07/27-12/08
NRN 201L	72768	TBA	Sa Su	Horgan L	SJH	07/27-12/08
NRN 202L	72771	TBA	Sa	Naraghi A	UCI	Full Semester
OTA 201	74668			Parolise M	SAC HYBRID	Full Semester
AND		9:00a-12:00p	Sa	Parolise M	SAC T-210	
PARA 100	74248	8:00a-12:00p	Sa	Lamarra K	SAC A-130	08/31-10/05
AND		12:30p-4:30p	Sa	Lamarra K	SAC A-130	
PARA 150	73114			Lamarra K	SAC HYBRID	10/12-12/14
AND		8:00a-12:00p	Sa	Lamarra K	SAC A-130	
AND		12:30p-4:30p	Sa	Lamarra K	SAC A-130	
PHAR 048	73348			Ross Jr J	SAC HYBRID	Full Semester
AND		8:00a-10:05a	Sa	Ross Jr J	SAC H-201	
PHAR 054	73355			Ross Jr J	SAC HYBRID	Full Semester
AND		10:15a-12:20p	Sa	Ross Jr J	SAC H-201	
PHAR 056L	75765	9:00a-12:00p	Sa	Nguyen N	SAC H-210	Full Semester
PHAR 056L	75762	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	

COURSE	SECTION	TIME	DAYS	INSTRUCTOR	LOC./ ROOM	DATES
PHAR 057L	75769	9:00a-12:00p	Sa	Nguyen N	SAC H-210	Full Semester
PHAR 057L	75766	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	75773	9:00a-12:00p	Sa	Nguyen N	SAC H-210	Full Semester
PHAR 060L	75770	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	75777	9:00a-12:00p	Sa	Nguyen N	SAC H-210	Full Semester
PHAR 072L1	75774	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	
POLT 101	73018	9:00a-12:10p	Sa	Petri M	SAC A-210	Full Semester
PSYC 100	73447	9:00a-12:10p	Sa	Keo-Trang Z	SAC I-108	Full Semester
SOCS 219	75557	7:15p-9:15p	Th	Elgindi I	SAC L-207	Full Semester
AND		9:00a-12:00p	Sa	Elgindi I	SAC I-102	
WELD 025A	75593	6:00p-9:30p	F	Perez J	SAC K-101	Full Semester
AND		8:00a-11:50a	Sa	Perez J	SAC K-101	
WELD 040A	75708	6:00p-9:30p	F	Perez J	SAC K-101	Full Semester
AND		8:00a-11:50a	Sa	Perez J	SAC K-101	
WELD 041A	75710	8:00a-11:10a	Sa	Staff	SAC K-115	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.

## 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.

<b>Anthropology 100H, Honors Introduction to Cultural Anthropology</b>	73431	9:45a-11:10a	M W	Robertson M	SAC D-401
<b>Biology 109H, Honors Fundamentals of Biology</b>	73691	3:00p-4:25p	Tu Th	Lopez J	SAC I-204
<b>Communication Studies 101H, Honors Introduction to Interpersonal Communication</b>	74492	11:00a-12:25p	M W	Moldoveanu M	SAC C-202
<b>Communication Studies 206H, Honors Gender Communication</b>	74496	1:00p-4:20p	Tu Th	Lockwood L	SAC C-213
<b>English 101H, Honors Freshman Composition</b>	73752	7:30a-9:35a	Tu Th	Bassett D	SAC I-102
<b>English 101H, Honors Freshman Composition</b>	73753	10:00a-12:05p	Tu Th	Patterson K	SAC D-208
<b>English 102H, Honors Literature and Composition</b>	73768	4:00p-8:15p	M	Patterson K	SAC I-201
<b>English 103H, Honors Critical Thinking and Writing</b>	73801	10:15a-12:20p	M W	Bennett G	SAC I-109
<b>Mathematics 219H, Honors Statistics and Probability</b>	74560	1:00p-3:30p	Tu Th	Mc Clure C	SAC H-108
<b>Philosophy 106H, Honors Introduction to Philosophy</b>	72983	9:45a-11:10a	Tu Th	Shigematsu T	SAC D-105
<b>Political Science 101H, Honors Introduction to American Governments</b>	73042	9:45a-11:10a	M W	Andrade P	SAC D-434
<b>Social Science 219H, Honors Statistics and Probability</b>	74561	1:00p-3:30p	Tu Th	Mc Clure C	SAC H-108

## FRESHMAN EXPERIENCE LEARNING COMMUNITIES AT SANTA ANA COLLEGE

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

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

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

### Other Benefits Include:

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

### Important:

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

### FRESHMAN EXPERIENCE COURSES—FALL 2013

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
1	73144 English N60	09:45a-11:50a	Tu Th	Cons A	D-107
	72160 Counseling 107	08:00a-09:25a	Tu Th	Vu Irene	I-108
2	73142 English N60	10:15a-12:20p	M W	Bassett D	I-207
	72159 Counseling 107	08:30a-09:55a	M W	Lopez Ediss C	I-209
3	73141 English N60	8:00a-10:05a	Tu Th	Sosta R	G-106
	72161 Counseling 107	10:15a-11:40a	Tu Th	Kelley M	I-209
4	73646 English 061	11:00a-1:05p	M W	Greenberg H	D-201
	72164 Counseling 107	1:30p-2:55p	M W	Palomares E	I-101
5	73611 English 061	12:00p-2:05p	Tu Th	Carrol A	D-213
	72163 Counseling 107	10:00a-11:25a	Tu Th	Romero A	I-108
6	73608 English 061	9:30a-11:35a	Tu Th	Tran M	D-212
	72162 Counseling 107	8:00a-9:25a	Tu Th	Tran A	I-101
7 PUENTE	73610 English 061	9:00a-11:05a	Tu Th	Martinez D	I-107
	72156 Counseling 100	11:30a-1:35p	T	Sanabria R	I-102
8	73652 English 101	11:30a-1:35p	Tu Th	Bassett D	I-106
	73440 Psychology 100	9:45a-11:10a	Tu Th	Ortiz F	D-106
	72635 Counseling 116	11:00a-12:25p	M W	Gilmour D	I-103
9 U-LINK	74551 Communication Studies 102	11:00a-12:25p	Tu Th	Fondren S	I-103
	72153 Counseling 107	12:55p-04:05p	W	Zook R	A-130
10 U-LINK	72936 Chicano Studies 101	9:45a-11:10a	M W	Sanchez G	D-304
	72155 Counseling 107	12:55p-04:05p	W	Lopez Ediss C	I-209
11	74512 Math N48	10:15a-12:20p	M W	Rogers N	R-113
	72165 Counseling 107	8:30a-9:55 a	M W	Castro R	I-202
12	74510 Math N48	8:30a-10:35a	Tu Th	Marecek L	R-113
	72154 Counseling 107	11:00a-12:25p	Tu Th	Robledo R	I-101
13	74185 Math 060	12:00p-2:05p	Tu Th	Lechuga J	H-105
	72166 Counseling 107	2:30p-3:55p	Tu Th	Vu Irene	I-209
14	74205 Math 060	3:15p-05:20p	M W	Staff	H-109
	72167 Counseling 107	1:40p-3:05p	M W	Castro R	I-104
15	74276 Math 060	10:15a-12:20p	M W	Ernigh J	I-202
	72158 Counseling 107	8:00a-9:25a	M W	Everett K	I-108
16	74357 Math 081	10:15a-12:45p	Tu Th	Everett M	I-203
	72157 Counseling 107	8:30a-9:55a	Tu Th	Everett K	I-209

## 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 2013

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
17	74288 Math 060 - 1st 8 Wks	7:30a-9:35a	MTWTh	Hager B	R-318
	74302 Math 080 - 2nd 8 Wks	7:30a-10:20a	MTWTh	Hager B	R-318
	75903 Counseling N45 (8/13)	8:30a-12:00p	Tu	Palomares E	A-214
	AND	1:00p-5:30p	Tu	Palomares E	A-214
73502	Counseling 100	10:45a-12:50p	W	Palomares E	I-209
18	74189 Math 060 - 1st 8 Wks	2:45p-4:50p	MTWTh	Shahbazian R	I-102
	74854 Math 080 - 2nd 8 Wks	2:45p-5:35p	MTWTh	Shahbazian R	I-102
	76685 Counseling N45 (8/13)	8:30a-12:00p	Tu	Palomares E	A-214
	AND	1:00p-5:30p	Tu	Palomares E	A-214
	75353 Counseling 100	12:15p-2:20p	Th	Fernandez-Weston C	F-103
19	74291 Math 060 - 1st 8 Wks	6:00p-8:05p	MTWTh	Meier K	R-303
	74305 Math 080 - 2nd 8 Wks	6:00p-8:50p	MTWTh	Meier K	R-303
	75711 Counseling 100	9:00p-10:00p	M W	Palomares E	I-201

## 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 2013

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM
20	74358 Earth Science 110	1:15p-2:45p	Tu Th	Coyne C	I-104
	77027 Counseling N45 (8/13)	8:30a-12:00p	Tu	Zook R	A-128
	AND	1:00p-5:30p	Tu	Zook R	A-128
75736	Counseling 111	12:15p-1:05p	Tu	Zook R	I-107
21 STEM	74460 Math 160	10:15a-12:20p	M W	McClure C	H-109
	75670 Counseling 021	12:30p-1:20p	M	Shaffer C	I-108
	74381 Counseling 100	1:30p-2:30p	M W	Shaffer C	I-108

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

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

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Text messages sent only in emergencies  
No spam ■ Standard text message rates apply

AlertU

# ONLINE COURSES FOR FALL 2013

## Online Course Participation/Attendance, and Exams

Students enrolling in Online courses will have the opportunity to complete their course work outside of the classroom, although some classes combine on-site testing with online instruction. Information about online classes such as course orientation or meeting dates, time and place, Frequently Asked Questions, course requirements, and instructor contact information can be found at <http://www.sac.edu/disted>. Students on wait lists must email the instructor the first week of class to be considered for enrollment. Students may access course materials via the Internet either at home or using an on campus computer. **It is extremely important that your address, phone number and email address is recorded and current in WebAdvisor.** Access to most online courses will be available August 26, 2013. Please contact the Distance Education Office, 714-564-6725, if you are not able to login to your Blackboard account or access your course(s). Visit our website at [www.sac.edu/disted](http://www.sac.edu/disted). A Santa Ana College instructor will be available on campus, by phone, or email to answer questions or discuss course material during the course. Access to most online courses will be available August 26, 2013.

## Hybrid (Blended) Courses

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

Asked Questions, course requirements, and instructor contact information can be found at [www.sac.edu/disted](http://www.sac.edu/disted). Students on wait lists must email the instructor the first week of class to be considered for enrollment. Students may access course materials via the Internet either at home or using an on campus computer. **It is extremely important that your address, phone number and email address is recorded and current in WebAdvisor.** Access to most hybrid courses will be available August 26, 2013. Please contact the Distance Education Office, 714-564-6725, if you are not able to login to your Blackboard account or access your course(s).

## Access Requirements

Online and Hybrid courses require students to have access to a computer with an individual email account and Internet access. Internet access is also available to students in the Santa Ana College Academic Computing Center, located in the Cesar Chavez Building (A-106) and the SAC Nealley Library. Santa Ana College uses Blackboard for most of its online courses. Students enrolled in most online classes will log on to: <http://rscdd.blackboard.com>. Online and Hybrid courses require an Internet connection, an individual email address and basic computer skills.



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



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

SECTION	INSTRUCTOR	EMAIL
<b>ACCOUNTING 035</b> 73158 (Online)	<b>QUICKBOOKS</b> J. Anderson	<b>2 UNITS</b> Anderson_JenniferL@sac.edu
8/26/13–10/18/13 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> .		
<b>ACCOUNTING 035</b> 73167 (Online)	<b>QUICKBOOKS</b> J. Anderson	<b>2 UNITS</b> Anderson_JenniferL@sac.edu
10/21/13–12/13/13 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> .		
<b>ACCOUNTING 035</b> 73198 (Online)	<b>QUICKBOOKS</b> J. Anderson	<b>2 UNITS</b> Anderson_JenniferL@sac.edu
10/21/13–12/13/13 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> .		
<b>ACCOUNTING 101</b> 73213 (Online)	<b>FINANCIAL ACCOUNTING</b> S. Shain	<b>4 UNITS</b> Shain_Sheila@sac.edu
Online instruction plus (3) exams to be taken on campus. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>ACCOUNTING 101</b> 73217 (Online)	<b>FINANCIAL ACCOUNTING</b> S. Shain	<b>4 UNITS</b> Shain_Sheila@sac.edu
Online instruction plus (3) exams to be taken on campus. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>ACCOUNTING 102</b> 73225 (Online)	<b>MANAGERIAL ACCOUNTING</b> J. Trone	<b>4 UNITS</b> Trone_Jinhee@sac.edu
Online instruction with mandatory orientation on Tues. 8/27, 1:30p-3:30p OR 5:30p-7:30p, SAC A-108 plus (3) exams to be taken on campus. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>ACCOUNTING 102</b> 73226 (Online)	<b>MANAGERIAL ACCOUNTING</b> J. Trone	<b>4 UNITS</b> Trone_Jinhee@sac.edu
Online instruction with mandatory orientation on Tues. 8/27, 1:30p-3:30p OR 5:30p-7:30p, SAC A-108 plus (3) exams to be taken on campus. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>ACCOUNTING 104</b> 73231 (Online)	<b>FEDERAL AND CALIFORNIA TAXES</b> Linda Sung	<b>4 UNITS</b> Sung_Linda@sac.edu
Online instruction plus mandatory class orientation Wed. 8/28, 5:00p, SAC A-211. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>ART 100</b> 73074 (Online)	<b>INTRODUCTION TO ART CONCEPTS</b> S. Brown	<b>3 UNITS</b> Brown_Sharon@sac.edu
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> .		
<b>BIOLOGY 109</b> 73668 (Online)	<b>FUNDAMENTALS OF BIOLOGY</b> M. Rourke	<b>3 UNITS</b> Rourke_Michael@sac.edu
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.		
<b>BIOLOGY 109</b> 73687 (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 classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		

SECTION	INSTRUCTOR	EMAIL
<b>BIOLOGY 109</b> 73688 (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 classes : <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class.		
<b>BIOLOGY 239</b> 73877 (Hybrid)	<b>GENERAL HUMAN ANATOMY</b> P. Mansfield	<b>4 UNITS</b> Mansfield_Patricia@sac.edu
Includes on campus lab. Will specifically utilize cadaver demonstration/dissection instead of cats. Online instruction plus mandatory on campus lab meetings every Fri. 3:00p-6:10p. SAC R-201. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.		
<b>BUSINESS 100</b> 73731 (Online)	<b>FUNDAMENTALS OF BUSINESS</b> G. Doolittle	<b>3 UNITS</b> Doolittle_Glenn@sac.edu
8/26/13–10/18/13 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> .		
<b>BUSINESS 100</b> 73732 (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 classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>BUSINESS 105</b> 73125 (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 classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>BUSINESS 105</b> 73126 (Online)	<b>LEGAL ENVIRONMENT OF BUSINESS</b> R. Manzano	<b>3 UNITS</b> Manzano_Rick@sac.edu
9/23/13–12/13/13 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> .		
<b>BUSINESS 106</b> 73783 (Online)	<b>CULTURE AND INTERNATIONAL BUSINESS</b> G. Doolittle	<b>3 UNITS</b> Doolittle_Glenn@sac.edu
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> .		
<b>BUSINESS 120</b> 73775 (Online)	<b>PRINCIPLES OF MANAGEMENT</b> G. Shweiri	<b>3UNITS</b> Shweiri_Gabriel@sac.edu
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> .		
<b>BUSINESS 125</b> 73783 (Online)	<b>INTRODUCTION TO INTERNATIONAL BUSINESS</b> L. Stewart	<b>3 UNITS</b> Stewart_Lynn@sac.edu
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> .		
<b>BUSINESS 130</b> 73239 (Online)	<b>PERSONAL FINANCE</b> S. Shain	<b>3 UNITS</b> Shain_Sheila@sac.edu
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> .		
<b>BUSINESS 140</b> 73243 (Online)	<b>PRINCIPLES OF FINANCE</b> J. Beck	<b>3 UNITS</b> Beck_Jeffrey@sac.edu
Online instruction with mandatory class orientation Mon. 8/26, 6:00p, SAC A-207. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		

## FALL 2013 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
<b>BUSINESS 150</b> 72836 (Online)	<b>INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS</b> C. Kushida	<b>3 UNITS</b> Kushida_Cherylee@sac.edu
Online instruction with mandatory on-campus orientation meeting and final exam. Students must attend one of the following orientations: Tues. 8/27, 5:30p-6:15p OR Wed. 8/28, 11:30a-12:15p, A-108. Mandatory on-campus final exam: Tues. 12/10, 5:00p-6:55p, A-108. Go to instructor website for more information. <a href="http://sac.edu/ckushida">http://sac.edu/ckushida</a>		
<b>BUSINESS APPLICATIONS 179</b> 73300 (Online)	<b>INTRODUCTION TO MICROSOFT OFFICE</b> M. Nguyen	<b>4 UNITS</b> Nguyen_Michael@sac.edu
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.		
<b>BUSINESS APPLICATIONS 188</b> 73304 (Online)	<b>MICROSOFT EXCEL</b> D. Montiel	<b>1.5 UNITS</b> Montiel_Dena@sac.edu
8/26/13-10/18/13 Online instruction plus mandatory on-campus orientation meeting Wed. 8/28, 5:00p-6:15p, SAC A-224. 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.		
<b>BUSINESS APPLICATIONS 189</b> 73306 (Online)	<b>EXCEL APPLICATION PROJECTS</b> D. Montiel	<b>1.5 UNITS</b> Montiel_Dena@sac.edu
10/21/13-12/13/13 Online instruction plus mandatory on-campus orientation meeting Wed. 10/23, 5:00p-6:15p, SAC A-224. 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.		
<b>BUSINESS APPLICATIONS 190</b> 73308 (Online)	<b>MICROSOFT POWERPOINT</b> C. Lehrer	<b>1.5 UNITS</b> Lehrer_Carol@sac.edu
8/26/13-10/18/13 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.		
<b>BUSINESS APPLICATIONS 191</b> 73309 (Online)	<b>POWERPOINT APPLICATION PROJECTS</b> C. Lehrer	<b>1.5 UNITS</b> Lehrer_Carol@sac.edu
10/21/13-12/13/13 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.		
<b>CHEMISTRY 209</b> 73892 (Hybrid)	<b>INTRODUCTORY CHEMISTRY</b> C. Jenkins	<b>4 UNITS</b> Jenkins_Crystal@sac.edu
Includes on campus lab and 1 mandatory orientation meeting Mon. 8/26 8:30a-9:25a, SAC R-126. Online instruction plus mandatory on campus lab meetings every Fri. 9:00a-12:00p, SAC R-309. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.		
<b>COMPUTER SCIENCE 100</b> 72837 (Online)	<b>THE COMPUTER AND SOCIETY</b> G. Harding	<b>3 UNITS</b> Harding_Glen@sac.edu
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.		
<b>COUNSELING 116</b> 72634 (Hybrid)	<b>CAREER/LIFE PLANNING AND PERSONAL EXPLORATION</b> V. Nguyen	<b>3 UNITS</b> Nguyen_Van@sac.edu
Online instruction plus on campus meetings every Mon. 6:00p-7:30p, SAC I-108. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . For additional information or if you wish to add the course after 8/26 email the instructor. Material Fee(s): \$18.50		
<b>COUNSELING 116</b> 72640 (Online)	<b>CAREER/LIFE PLANNING AND PERSONAL EXPLORATION</b> D. Sadler	<b>3 UNITS</b> Sadler_Dennis@sac.edu
8/26/13-10/18/13 Students must attend one of the following orientations: Wed. 8/28 or Thur. 8/29, 7:00p-8:30p, SAC L-225. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . For additional information or if you wish to add the course after 8/26 email the instructor. Material Fee(s): \$18.50		
<b>COUNSELING 116</b> 72641, 72642, OR 72643 (Online)	<b>CAREER/LIFE PLANNING AND PERSONAL EXPLORATION</b> D. Sadler	<b>3 UNITS</b> Sadler_Dennis@sac.edu
Students must attend one of the following orientations: Tue. 8/27 or 9/3, 12:00p-1:30p, or 7:00p-8:30p, SAC L-225. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . For additional information or if you wish to add the course after 8/26 email the instructor. Material Fee(s): \$18.50		
<b>COUNSELING 116</b> 72644 (Hybrid)	<b>CAREER/LIFE PLANNING AND PERSONAL EXPLORATION</b> D. Sadler	<b>3 UNITS</b> Sadler_Dennis@sac.edu
Online instruction plus on campus meetings every Mon. 6:00p-7:30p, SAC L-225. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . For additional information or if you wish to add the course after 8/26 email the instructor. Material Fee(s): \$18.50		
<b>CRIMINAL JUSTICE 101</b> 74635 (Online)	<b>INTRODUCTION TO CRIMINAL JUSTICE</b> A. Gonis	<b>3 UNITS</b> Gonis_Andrew@sac.edu
Online instruction plus mandatory orientation meeting Mon. 8/26, 7:00p-8:00p, SAC T-212 plus Midterm and Final exams to be taken on campus. 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.		
<b>CRIMINAL JUSTICE 101</b> 75778 (Online)	<b>INTRODUCTION TO CRIMINAL JUSTICE</b> A. Gonis	<b>3 UNITS</b> Gonis_Andrew@sac.edu
Online instruction plus mandatory orientation meeting Tues. 8/27, 7:00p-8:00p, SAC T-212 plus Midterm and Final exams to be taken on campus. 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.		

SECTION	INSTRUCTOR	EMAIL
<b>CRIMINAL JUSTICE 103</b> 74640 (Online)	<b>CONCEPTS OF CRIMINAL LAW</b> A. Gonis	<b>3 UNITS</b> Gonis_Andrew@sac.edu
Online instruction plus mandatory orientation meeting Mon. 8/26, 6:00p-7:00p, SAC T-212 plus Midterm and Final exams to be taken on campus. 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.		
<b>ECONOMICS 120</b> 73002 (Hybrid)	<b>PRINCIPLES/MACROECONOMICS</b> L. Ho	<b>3 UNITS</b> Ho_Lac@sac.edu
Online instruction plus mandatory on-campus meetings. Sat. 8/31, 11/9, 12/7, 10:00a-11:30a, SAC A-211. 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.		
<b>ECONOMICS 121</b> 73005 (Hybrid)	<b>PRINCIPLES/MICROECONOMICS</b> L. Ho	<b>3 UNITS</b> Ho_Lac@sac.edu
Online instruction plus mandatory on-campus meetings. Sat. 8/31, 11/9, 12/7, 11:40a-1:10p, SAC A-211. 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.		
<b>EDUCATION 204</b> 73946 (Hybrid)	<b>PERSONAL PROFICIENCY IN EDUCATION</b> T. Naman	<b>3 UNITS</b> Naman_Trudy@sac.edu
Online instruction plus mandatory on-campus meetings. Wed. 8/28, 9/4 and then every other Wed. 7:30p-10:30p, SAC T-203-1. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.		
<b>EDUCATION 205</b> 73947 (Hybrid)	<b>PERSONAL PROFICIENCY IN EDUCATION</b> T. Naman	<b>3 UNITS</b> Naman_Trudy@sac.edu
Online instruction plus mandatory on-campus meetings. Wed. 8/28, 9/4 and then every other Wed. 7:30p-10:30p, SAC T-203-1. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.		
<b>ENGINEERING 100B</b> 73536 (Online)	<b>INTRODUCTION TO AEC</b> S. Sherod	<b>2 UNITS</b> Sherod_Susan@sac.edu
Online instruction plus mandatory on-campus orientation Tues. 8/27, 4:00p-4:55p, SAC A-216. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>ENGINEERING 110</b> 73543 (Online)	<b>ADVANCED CAD APPLICATIONS</b> Staff	<b>4 UNITS</b>
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> .		
<b>ENGINEERING 112</b> 73550 (Online)	<b>SOCIETY AND THE BUILD ENVIRONMENT</b> S. Sherod	<b>3 UNITS</b> Sherod_Susan@sac.edu
Online instruction plus mandatory on-campus orientation Tues. 8/27, 4:00p-4:55p, SAC A-216. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .		
<b>ENGINEERING 118</b> 73552 (Hybrid)	<b>PLANE SURVEYING</b> H. Gallegos	<b>4 UNITS</b> Gallegos_Humberto@sac.edu
Online instruction plus mandatory on-campus meetings every Mon. 6:00p-9:10p, SAC A-225.		
<b>ENGINEERING 119</b> 73558 (Hybrid)	<b>ADVANCED PLANE SURVEYING</b> H. Gallegos	<b>4 UNITS</b> Gallegos_Humberto@sac.edu
Online instruction plus mandatory on-campus meetings every Mon. 6:00p-9:10p, SAC A-225.		
<b>ENGINEERING 122</b> 73588 (Hybrid)	<b>ENGINEERING DRAWING</b> C. Takahashi	<b>3 UNITS</b> Takahashi_Craig@sac.edu
Online instruction plus mandatory on campus meetings every Thur. 6:00p-10:10p, SAC A-214.		
<b>ENGINEERING 124</b> 73590 (Hybrid)	<b>ADVANCED DRAWING</b> C. Takahashi	<b>3 UNITS</b> Takahashi_Craig@sac.edu
Online instruction plus mandatory on campus meetings every Thur. 6:00p-10:10p, SAC A-214.		
<b>ENGINEERING 130A</b> 73591 (Hybrid)	<b>CATIA SOLID MODELING I</b> J. Cole	<b>3 UNITS</b> Cole_John@sac.edu
Online instruction plus mandatory on campus meetings every Sat. 12:15p-3:25p, SAC A-225.		
<b>ENGINEERING 130B</b> 73592 (Hybrid)	<b>CATIA SOLID MODELING II</b> J. Cole	<b>3 UNITS</b> Cole_John@sac.edu
Online instruction plus mandatory on campus meetings every Sat. 12:15p-3:25p, SAC A-225.		
<b>ENGINEERING 132</b> 73695 (Hybrid)	<b>INTRODUCTION TO ROBOTICS</b> C. Takahashi	<b>3 UNITS</b> Takahashi_Craig@sac.edu
Online instruction plus mandatory on campus meetings every Mon. 6:00p-9:10p, SAC A-214.		
<b>ENGINEERING 142</b> 73711 (Hybrid)	<b>ARCHITECTURE/CIVIL CONSTRUCTION (AEC) DRAFTING STANDARDS</b> S. Sherod	<b>4 UNITS</b> Sherod_Susan@sac.edu
Online instruction plus mandatory on campus meetings every Tue. 5:00p-9:10p, SAC A-216.		
<b>ENGINEERING 154</b> 73838 (Hybrid)	<b>ARCHITECTURE/CIVIL ENGINEERING/ CONSTRUCTION (AEC) PARAMETRIC AND BIM APPLICATIONS</b> S. Sherod	<b>4 UNITS</b> Sherod_Susan@sac.edu
Online instruction plus mandatory on campus meetings every Tues. 5:00p-9:10p, SAC A-216.		

## FALL 2013 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
<b>ENGINEERING 183</b> 73841(Hybrid) Online instruction plus mandatory on campus meetings every Mon. and Wed. 10:00a-12:05p, SAC A-216.	<b>AUTOCAD I-COMPUTER AIDED DRAFTING</b> S. Sherod	<b>3 UNITS</b> Sherod_Susan@sac.edu
<b>ENGINEERING 183</b> 73842(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 183</b> 73843 (Hybrid) Online instruction plus mandatory on campus meetings every Sat. 8:00a-12:10p, SAC A-225.	<b>AUTOCAD I-COMPUTER AIDED DRAFTING</b> J. Fonseca	<b>3 UNITS</b> Fonseca_Jesse@sac.edu
<b>ENGINEERING 184</b> 73844 (Hybrid) Online instruction plus mandatory on campus meetings every Sat. 8:00a-12:10p, SAC A-216.	<b>AUTOCAD II-COMPUTER AIDED DRAFTING</b> J. Fonseca	<b>3 UNITS</b> Fonseca_Jesse@sac.edu
<b>ENGINEERING 184</b> 73845 (Hybrid) Online instruction plus mandatory on campus meetings every Mon. and Wed. 10:00a-12:05p, SAC A-216.	<b>AUTOCAD II-COMPUTER AIDED DRAFTING</b> S. Sherod	<b>3 UNITS</b> Sherod_Susan@sac.edu
<b>ENGINEERING 184</b> 73846 (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 186</b> 73847 (Hybrid) Online instruction plus mandatory on campus meetings every Tues. 6:00p-10:10p, SAC A-214.	<b>AUTOCAD 3-DIMENSIONAL DRAWING</b> Staff	<b>3 UNITS</b>
<b>ENGINEERING 187</b> 73848 (Hybrid) Online instruction plus mandatory on campus meetings every Tues. 6:00p-10:10p, SAC A-214.	<b>ADVANCED 3-D AUTOCAD</b> Staff	<b>3 UNITS</b>
<b>ENGINEERING 191</b> 73849 (Hybrid) Online instruction plus mandatory on campus meetings every Mon. 6:00p-10:10p, SAC A-216.	<b>CIVIL CAD CONCEPTS</b> R. Galvez	<b>3 UNITS</b> Galvez_Raul@sac.edu
<b>ENGINEERING 193</b> 73850 (Hybrid) Online instruction plus mandatory on campus meetings every Mon. 6:00p-10:10p, SAC A-216.	<b>MICROSTATION 3-D</b> R. Galvez	<b>3 UNITS</b> Galvez_Raul@sac.edu
<b>ENGLISH 061</b> 73562 (Hybrid) Online instruction plus mandatory on-campus meetings: Thur. 8/29, 10/3, 11/7, 12/12, 4:30p-6:50p, SAC I-104. 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.	<b>INTRODUCTION TO COMPOSITION</b> G. Bennett	<b>3 UNITS</b> Bennett_Gary@sac.edu
<b>ENGLISH 101</b> 73663 (Hybrid) Online instruction plus mandatory on-campus meetings: Tues. 8/27, 9/24, 11/12, 12/3, 4:00p-6:30p, SAC D-208. 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.	<b>FRESHMAN COMPOSITION</b> N. Kabaji	<b>4 UNITS</b> Kabaji_Noha@sac.edu
<b>ENGLISH 101</b> 73676 (Hybrid) Online instruction plus mandatory on-campus meetings. Mon. 8/26, 9/23, 10/28, 12/2, 4:00p-5:50p, SAC D-305. 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.	<b>FRESHMAN COMPOSITION</b> J. Carey	<b>4 UNITS</b> Carey_Jennifer@sac.edu
<b>ENGLISH 101</b> 73684 (Hybrid) Online instruction plus mandatory on-campus meetings: Thur. 8/29, 10/3, 11/7, 12/12, 7:00p-9:20p, SAC D-303. 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.	<b>FRESHMAN COMPOSITION</b> G. Bennett	<b>4 UNITS</b> Bennett_Gary@sac.edu
<b>ENGLISH 101</b> 73686 (Hybrid) Online instruction plus mandatory on-campus meetings: Thur. 8/29, 10/3, 11/7, 12/12, 4:00p-5:50p, SAC D-101. 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.	<b>FRESHMAN COMPOSITION</b> D. Pearce	<b>4 UNITS</b> Pearce_Dianne@sac.edu
<b>ENGLISH 101</b> 73713 (Hybrid) Online instruction plus mandatory on-campus meetings: Thur. 8/29, 10/3, 11/7, 12/12, 4:00p-5:50p, SAC D-101. 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.	<b>FRESHMAN COMPOSITION</b> P. Nguyen	<b>4 UNITS</b> Nguyen_Pete@sac.edu
<b>ENGLISH 101</b> 73748 (Hybrid) Online instruction plus mandatory on-campus meetings: Mon. 8/26, 9/30, 10/28, 12/2, 3:00p-4:50p, SAC D-202. 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.	<b>FRESHMAN COMPOSITION</b> C. Ramshaw	<b>4 UNITS</b> Ramshaw_Charles@sac.edu

SECTION	INSTRUCTOR	EMAIL
<b>ENGLISH 102</b> 73757 (Hybrid) Online instruction plus mandatory on-campus meetings. Mon. 8/26, 9/30, 10/28, 12/2, 5:00p-6:50p, SAC D-401. 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.	<b>LITERATURE AND COMPOSITION</b> C. Ramshaw	<b>4 UNITS</b> Ramshaw_Charles@sac.edu
<b>ENGLISH 103</b> 73797 (Hybrid) Online instruction plus mandatory on-campus meetings. Mon. 8/26, 9/30, 10/28, 12/2, 5:00p-6:50p, SAC D-204. 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.	<b>CRITICAL THINKING AND WRITING</b> M. Beyersdorf	<b>4 UNITS</b> Beyersdorf_Matthew@sac.edu
<b>ENGLISH 270</b> 73806 (Online) 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.	<b>CHILDREN'S LITERATURE</b> G. Bennett	<b>3 UNITS</b> Bennett_Gary@sac.edu
<b>ENTREPRENEURSHIP 100</b> 73817 (Online) 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> .	<b>INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP</b> G. Doolittle	<b>3 UNITS</b> Doolittle_Glenn@sac.edu
<b>ENTREPRENEURSHIP 105</b> 73827 (Hybrid) 6:00p-10:10p, SAC A-207.	<b>SOCIAL MEDIA, BOOTSTRAPPING, AND MARKET VALIDATION</b> E. Vonheim	<b>3 UNITS</b> Vonheim_Eric@sac.edu
<b>ENTREPRENEURSHIP 111</b> 73830 (Hybrid) 10/21/13-12/13/13 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> .	<b>CAPSTONE ENTREPRENEURIAL CASE STUDIES</b> Staff	<b>3 UNITS</b>
<b>FIRE TECHNOLOGY 101</b> 74725 (Online) 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.	<b>FIRE PROTECTION ORGANIZATION</b> D. Stefano	<b>3 UNITS</b> Stefano_Daniel@sac.edu
<b>FIRE TECHNOLOGY 102</b> 74730 (Online) 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.	<b>FIRE BEHAVIOR AND COMBUSTION</b> J. Ash	<b>3 UNITS</b> Ash_Jeffrey@sac.edu
<b>FIRE TECHNOLOGY 103</b> 74734 (Online) 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.	<b>PERSONAL FIRE SAFETY</b> S. Horner	<b>3 UNITS</b> Horner_Stephen@sac.edu
<b>FIRE TECHNOLOGY 104</b> 74739 (Online) 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.	<b>FIRE PREVENTION TECHNOLOGY</b> S. Freeman	<b>3 UNITS</b> Freeman_Suzanne@sac.edu
<b>FIRE TECHNOLOGY 105</b> 74743 (Online) 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.	<b>BUILDING CONSTRUCTION FOR FIRE PROTECTION</b> D. Wiskus	<b>3 UNITS</b> Wiskus_Dennis@sac.edu
<b>FIRE TECHNOLOGY 106</b> 74747 (Online) 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.	<b>FIRE PROTECTION EQUIPMENT AND SYSTEMS</b> D. Wiskus	<b>3 UNITS</b> Wiskus_Dennis@sac.edu
<b>HISTORY 120</b> 73165 (Online) 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.	<b>THE UNITED STATES TO 1865</b> T. Menzing	<b>3 UNITS</b> Menzing_Todd@sac.edu

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## FALL 2013 ONLINE COURSES CONTINUED...

SECTION	INSTRUCTOR	EMAIL
<b>HISTORY 120</b> 73170 (Online)	<b>THE UNITED STATES TO 1865</b> K. Guzman	<b>3 UNITS</b> Guzman_Kristen@sac.edu
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.		
<b>HISTORY 121</b> 73176 (Online)	<b>THE UNITED STATES SINCE 1865</b> J. Heeren	<b>3 UNITS</b> Heeren_Jeffrey@sac.edu
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.		
<b>HUMAN DEVELOPMENT 107</b> 74584 (Online)	<b>CHILD GROWTH AND DEVELOPMENT</b> M. Kimmel	<b>3 UNITS</b> Kimmel_Michelle@sac.edu
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.		
<b>HUMAN DEVELOPMENT 112</b> 74602 (Hybrid)	<b>HEALTH, SAFETY &amp; NUTRITION FOR SCHOOL AGED CHILDREN</b> S. Valdez	<b>3 UNITS</b> Valdez_Susanne@sac.edu
Online instruction plus mandatory on-campus meetings Sat. 8/31, 10/05, 11/16, 12/07, 9:30a-12:30p, SAC V-151. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.		
<b>INTERDISCIPLINARY STUDIES 121</b> 74678 (Online)	<b>HUMANITIES THROUGH THE ARTS</b> B. Kehlenbach	<b>3 UNITS</b> Kehlenbach_brian@sac.edu
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.		
<b>KINESIOLOGY - HEALTH 101</b> 74202 (Online)	<b>HEALTHFUL LIVING</b> D. Breig	<b>3 UNITS</b> Breig_David@sac.edu
8/26/13-10/18/13 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.		
<b>KINESIOLOGY - HEALTH 101</b> 74207 (Online)	<b>HEALTHFUL LIVING</b> D. Breig	<b>3 UNITS</b> Breig_David@sac.edu
10/21/13-12/15/13 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.		
<b>KINESIOLOGY - HEALTH 101</b> 74280 (Online)	<b>HEALTHFUL LIVING</b> A. Siddons	<b>3 UNITS</b> Siddons_Alan@sac.edu
10/21/13-12/15/13 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.		
<b>KINESIOLOGY - HEALTH 102</b> 74214 (Online)	<b>WOMEN'S HEALTH ISSUES</b> J. Coffman	<b>3 UNITS</b> Coffman_Jodi@sac.edu
Section 74214 fully 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> . Read the welcome letter and follow directions.		
<b>KINESIOLOGY - HEALTH 102</b> 74615 (Online)	<b>WOMEN'S HEALTH ISSUES</b> K. Nutter	<b>3 UNITS</b> Nutter_Kim@sac.edu
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.		
<b>KINESIOLOGY - HEALTH 104</b> 74136 (Online)	<b>NUTRITION AND FITNESS</b> T. Abbey	<b>2 UNITS</b> Abbey_Troy@sac.edu
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.		
<b>KINESIOLOGY - HEALTH 104</b> 74136 (Online)	<b>NUTRITION AND FITNESS</b> T. Abbey	<b>2 UNITS</b> Abbey_Troy@sac.edu
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.		
<b>KINESIOLOGY PROFESSIONAL 101</b> 74217 (Online)	<b>INTRODUCTION TO KINESIOLOGY</b> J. Coffman	<b>3 UNITS</b> Coffman_Jodi@sac.edu
Section 74217 fully 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> . Read the welcome letter and follow directions.		
<b>KINESIOLOGY PROFESSIONAL 125</b> 74219 (Online)	<b>SPORT PSYCHOLOGY</b> J. Coffman	<b>3 UNITS</b> Coffman_Jodi@sac.edu
Section 74219 fully 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> . Read the welcome letter and follow directions.		
<b>KINESIOLOGY PROFESSIONAL 150</b> 74225 (Online)	<b>SPORT AND SOCIETY</b> M. Luppiani	<b>3 UNITS</b> Luppiani_Maria@sac.edu
8/26/13-10/18/13 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.		
<b>KINESIOLOGY PROFESSIONAL 150</b> 74702 (Online)	<b>SPORT AND SOCIETY</b> M. Luppiani	<b>3 UNITS</b> Luppiani_Maria@sac.edu
10/21/13-12/13/13 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.		

SECTION	INSTRUCTOR	EMAIL
<b>MANAGEMENT 120</b> 73717 (Online)	<b>PRINCIPLES OF MANAGEMENT</b> G. Shweiri	<b>3 UNITS</b> Shweiri_Gabrial@sac.edu
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.		
<b>MANUFACTURING 130A</b> 73934 (Hybrid)	<b>CATIA SOLID MODELING I</b> J. Cole	<b>3 UNITS</b> Cole_John@sac.edu
Online instruction plus mandatory on campus meetings every Sat. 12:15p-3:25p, SAC A-225.		
<b>MANUFACTURING 130B</b> 73935 (Hybrid)	<b>CATIA SOLID MODELING II</b> J. Cole	<b>3 UNITS</b> Cole_John@sac.edu
Online instruction plus mandatory on campus meetings every Sat. 12:15p-3:25p, SAC A-225.		
<b>MARKETING 113</b> 73724 (Online)	<b>PRINCIPLES OF MARKETING</b> J. Russo	<b>3 UNITS</b> Russo_John@sac.edu
10/21/13-12/13/13 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> .		
<b>MARKETING 125</b> 73729 (Online)	<b>ADVERTISING AND PROMOTION</b> J. Russo	<b>2 UNITS</b> Russo_John@sac.edu
8/26/13-10/18/13 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> .		
<b>MARKETING 126</b> 73730 (Online)	<b>DISTRIBUTING PRODUCT AND SERVICES</b> L. Stewart	<b>2 UNITS</b> Stewart_Lynn@sac.edu
10/21/13-12/13/13 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> .		
<b>MATHEMATICS 060</b> 74292 (Online)	<b>ELEMENTARY ALGEBRA</b> R. Shahbazian	<b>4 UNITS</b> Shahbazian_Roy@sac.edu
Online instruction with required exams on-campus: Fri. 9/27, 10/25, 11/22, 12/13, 4:00p-6:00p, SAC I-204. Between the dates of 8/21 to 8/23 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 080</b> 74306 (Online)	<b>INTERMEDIATE ALGEBRA</b> D. Vu	<b>4 UNITS</b> Vu_Dahlia@sac.edu
Online instruction with required exams on-campus: Fri. 9/27, 10/25, 11/22, 12/13, 6:00p-8:00p, SAC I-203. Between the dates of 8/21 to 8/23 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> 74434 (Online)	<b>COLLEGE ALGEBRA (CAN MATH 4)</b> C. Solheid	<b>4 UNITS</b> Solheid_Christa@sac.edu
Online instruction with required exams on-campus: Fri. 9/27, 10/25, 11/22, 12/13, 6:00p-8:00p, SAC I-203. Between the dates of 8/21 to 8/23 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: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .		
<b>MUSIC 101</b> 72839 (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 classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>NUTRITION 115</b> 75761 (Online)	<b>NUTRITION</b> S. Mathot	<b>3 UNITS</b> Hewitt_Sarah@sac.edu
Online instruction plus mandatory orientation meeting Wed. 8/28, 6:30p-8:30p, SAC I-201. 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.		
<b>OTA 100</b> 74658 (Online)	<b>TERMINOLOGY AND DOCUMENTATION FOR THE O.T.A.</b> M. Parolise	<b>1 UNIT</b> Parolise_Michelle@sac.edu
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.		
<b>OTA 101 FOUNDATIONS OF OCCUPATION AND OCCUPATIONAL THERAPY</b> 74659 (Online)	<b>S. Reeder</b>	<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 classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>OTA 103</b> 74663 (Online)	<b>PHYSICAL FUNCTION AND 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 classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.		
<b>OTA 110</b> 74665 (Online)	<b>HUMAN OCCUPATION ACROSS LIFESPAN</b> M. Parolise	<b>3 UNITS</b> Parolise_Michelle@sac.edu
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.		
<b>OTA 201 CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE</b> 74668 (Hybrid)	<b>M. Parolise</b>	<b>4 UNITS</b> Parolise_Michelle@sac.edu
Online instruction plus mandatory on-campus lab meetings on Sat. 9/7, 9/21, 10/5, 10/12, 10/19, 10/26, 11/2, 11/9, 11/16, 11/23, 12/7, 12/14, 9:00a-12:00p, SAC T-210. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.		

## FALL 2013 ONLINE COURSES CONTINUED...

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>PARALEGAL 101</b> 75982 (Online)			<b>LAW OFFICE MANAGEMENT</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 classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>PARALEGAL 121</b> 73116 (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 classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>PARALEGAL 121</b> 9/23/13–12/13/13 (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 classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<b>PARALEGAL 150</b> 73114 (Hybrid)			<b>LEGAL TRANSACTIONS</b> K. Lamarra		<b>5 UNITS</b> Lamarra_Keith@sac.edu
10/12/13–12/14/13 Online instruction plus on campus meetings every Sat. 8:00a-12:00p and 12:30p-4:30p, SAC A-130. 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>PARALEGAL 297</b> 73118 (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 classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>PARALEGAL 299</b> 73204 (Online)			<b>COOPERATIVE WORK EXPERIENCE EDUCATION</b> K. Robinson		<b>1-4 UNITS</b> Robinson_Kristen@sac.edu
Online instruction with mandatory orientation Mon. 8/26, 5:30p-6:25p, SAC A-205. 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>PHARMACY TECHNOLOGY 048</b> 73348 (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. starting 8/31, 8:00a-10:05a, SAC H-201. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.					
<b>PHARMACY TECHNOLOGY 052</b> 73352 (Hybrid)			<b>BODY SYSTEMS I I</b> H. Nguyen		<b>3.5 UNITS</b> Nguyen_Hieu@sac.edu
Online instruction plus mandatory on-campus meetings every other Mon. starting 8/26, 6:00p-9:45p, SAC H-205. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.					
<b>PHARMACY TECHNOLOGY 054</b> 73355 (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. starting 8/31, 10:15a-12:20p, SAC H-201. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.					
<b>PHILOSOPHY 110</b> 72990 (Hybrid)			<b>CRITICAL THINKING</b> Z. Fish		<b>4 UNITS</b> Fish_Zachary@sac.edu
Online instruction plus mandatory on-campus meetings. Mon. 8/26, 9/23, 10/28, 12/2, 5:00p-6:50p SAC D-105. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.					
<b>POLITICAL SCIENCE 101</b> 73033 (Hybrid)			<b>INTRODUCTION TO AMERICAN GOVERNMENTS</b> T. Murphy		<b>3 UNITS</b> Murphy_Tim@sac.edu
Online instruction plus mandatory on-campus meetings. Thur. 8/29, 9/26, 10/31, 12/5, AND Wed. 12/11, 5:30p-6:55p, SAC D-105. Email instructor first week of class.					
<b>PSYCHOLOGY 100</b> 73470 (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 classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Email instructor first week of class.					
<b>SOCIOLOGY 100</b> 73391 (Hybrid)			<b>INTRODUCTION TO SOCIOLOGY</b> G. Cichelli		<b>3 UNITS</b> Cicchelli_Giana@sac.edu
Online instruction plus 5 mandatory on-campus meetings. Thur. 8/29, 9/26, 10/24, 11/21, 12/12, 5:30p-6:30p, SAC D-401. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class.					
<b>SOCIOLOGY 112</b> 73394 (Online)			<b>RELATIONSHIPS, MARRIAGES, AND FAMILY</b> T. Gause		<b>3 UNITS</b> Gause_Tiffany@sac.edu
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.					
<b>SPANISH 101</b> 75514 (Hybrid)			<b>ELEMENTARY SPANISH I</b> J. Galvan		<b>5 UNITS</b> Galvan_Javier@sac.edu
Online instruction plus mandatory on-campus meetings. Thur. 8/29, 9/19, 10/17, 11/7, 12/5, 7:00p-9:30p, SAC I-109. 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.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>SPANISH 101</b> 75517 (Hybrid)			<b>ELEMENTARY SPANISH I</b> J. Galvan		<b>5 UNITS</b> Galvan_Javier@sac.edu
Online instruction plus mandatory on-campus meetings. Mon. 8/26, 9/16, 10/14, 11/4, 12/2, 4:30p-6:50p, SAC D-304. 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.					
<b>SPANISH 102</b> 75531 (Hybrid)			<b>ELEMENTARY SPANISH II</b> M. Guerrero		<b>5 UNITS</b> Guerrero_Martha@sac.edu
Online instruction plus mandatory on-campus meetings. Tue. 8/27, 9/17, 10/15, 11/12, 12/3, 4:30p-6:50p, SAC D-303. 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.					
<b>SPANISH 102</b> 75537 (Hybrid)			<b>ELEMENTARY SPANISH II</b> L. Lopes		<b>5 UNITS</b> Lopez_Leticia@sac.edu
Online instruction plus mandatory on-campus meetings. Thur. 8/29, 9/19, 10/17, 11/7, 12/5, 4:00p-6:30p, SAC D-304. 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.					
<b>STUDY SKILLS 109</b> 75495 (Online)			<b>COLLEGE LEARNING SKILLS</b> J. Norwood		<b>3 UNITS</b> Norwood_Joyce@sac.edu
Online instruction plus mandatory orientation meeting. Mon. 8/26, 12:00p-1:00p OR Tues. 8/27, 6:00p-7:00p, 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> . Email instructor first week of class.					
<b>STUDY SKILLS 109</b> 75496 (Hybrid)			<b>COLLEGE LEARNING SKILLS</b> J. Coffman		<b>3 UNITS</b> Coffman_Jodi@sac.edu
Online instruction plus mandatory on-campus meetings. Mon. 9:30a-10:55a, SAC G-107. Email instructor first week of class.					



## 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 sequential courses packaged together in the same time/day slot. Students are able to enroll in both classes at the same time. The disciplines offered this Fall are English, Anthropology, Economics, Sociology, and Spanish. Students who enroll in these courses can shorten the time needed to complete requirements for graduation and/or transfer.

### EXPRESS TO SUCCESS COURSES—FALL 2013

SECTION	COURSE	TIME	DAYS	INSTRUCTOR	ROOM	DATES
73437	Anthropology 100	1:00p-4:20p	M W	Staff	D-209	08/26-10/16
73438	Sociology 100	1:00p-4:20p	M W	Govea M	D-209	10/21-12/11
73417	Anthropology 101	9:30a-12:40p	Tu Th	Robertson M	D-401	08/27-10/17
73419	Anthropology 101L	1:00p-4:10p	Tu Th	Robertson M	D-401	08/27-10/17
73421	Anthropology 101	9:30a-12:40p	Tu Th	Robertson M	D-401	10/22-12/12
73424	Anthropology 101L	1:00p-4:10p	Tu Th	Robertson M	D-401	10/22-12/12
74424	Economics 120	7:00p-10:10p	Tu Th	Meister D	I-107	08/27-10/17
74428	Economics 121	7:00p-10:20p	Tu Th	Meister D	I-107	10/22-12/12
73090	EMLS 110	8:00a-12:15p	Tu Th	Hicks R	I-104	08/27-10/17
73092	EMLS 112	8:00a-12:30p	Tu Th	Hicks R	I-104	10/22-12/12
73982	English 061	9:00a-1:30p	M W	Ramshaw C	I-104	08/26-10/16
73985	English 101	9:00a-1:30p	M W	Ramshaw C	I-104	10/21-12/11
73987	English 061	12:00p-4:30p	M W	Higgins M	D-304	08/26-10/16
73989	English 101	12:00p-4:30p	M W	Higgins M	D-304	10/21-12/11
73990	English 061	9:00a-1:15p	Tu Th	Higgins M	D-102	08/27-10/17
73993	English 101	9:00a-1:30p	Tu Th	Higgins M	D-102	10/22-12/12
73997	English 101	7:30a-11:45a	Tu Th	Mitzner R	D-210	08/27-10/17
73999	English 102	7:30a-11:45a	Tu Th	Mitzner R	D-210	10/22-12/12
75526	Spanish 101	2:00p-4:35p	M Tu W Th	Labrit G	I-202	08/26-10/17
75529	Spanish 102	2:00p-4:30p	M Tu W Th	Labrit G	I-202	10/21-12/12



# FALL 2013 CLASSES

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## ACCOUNTING

### ACCOUNTING 010, ACCOUNTING PROCEDURES

3.0 UNITS

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

73134	9:30a-10:55a	Tu Th	Gonzalez Del Rio R	SAC A-207	Full Semester
73135	7:00p-10:10p	M	Beck J	SAC A-209	Full Semester

### ACCOUNTING 032, PAYROLL ACCOUNTING

1.0 UNIT

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

73136	7:00p-9:20p	M	Anderson J	SAC A-228	10/21-12/09
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### ACCOUNTING 035, QUICKBOOKS

2.0 UNITS

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

73158			Anderson J	SAC WEB	08/26-10/18
Section 73158 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> . Make sure your email is in your current personal information.					

73167			Anderson J	SAC WEB	10/21-12/13
Section 73167 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> . Make sure your email is in your current personal information.					

73198			Anderson J	SAC WEB	10/21-12/13
Section 73198 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> . Make sure your email is in your current personal information.					

73211	6:00p-10:20p	M	Anderson J	SAC A-228	08/26-10/14
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### ACCOUNTING 101, FINANCIAL ACCOUNTING

4.0 UNITS

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.

73217			Shain S	SAC WEB	Full Semester
Section 73217 online instruction plus (3) exams to be taken on campus. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> . Make sure your current email is in personal information.					

73213			Shain S	SAC WEB	Full Semester
Section 73213 online instruction plus (3) exams to be taken on campus. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> . Make sure your current email is in personal information.					

73222	8:00a-10:05a	M W	Kanampiu G	SAC A-211	Full Semester
73218	8:00a-10:05a	Tu Th	McCallick M	SAC A-211	Full Semester
73220	9:30a-11:35a	Tu Th	Trone J	SAC A-209	Full Semester
73221	10:15a-12:20p	Tu Th	McCallick M	SAC A-211	Full Semester
73223	6:00p-10:10p	M	Erlanson S	SAC A-211	Full Semester
73219	6:00p-10:10p	Tu	Dazé J	SAC A-211	Full Semester
73212	6:00p-10:10p	W	Staff	SAC A-209	Full Semester
73224	6:00p-10:10p	Th	Sung L	SAC A-211	Full Semester

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

Prerequisite: Accounting 101.

73225			Trone J	SAC WEB	Full Semester
Section 73225 online instruction with mandatory in-person orientation on Tues. 8/27 1:30p-3:30p or 5:30p-7:30p, SAC A-108 plus (3) exams to be taken on campus. Optional study sessions scheduled 9/17, 10/1, 10/15, 10/29, 11/5, 11/19, 12/13 1:00p-2:30p, SAC A-130. For more information go to the instructor's website at: <a href="http://www.sac.edu/facultystaff/homepages/jinheetrone">http://www.sac.edu/facultystaff/homepages/jinheetrone</a> . Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> .					

73226			Trone J	SAC WEB	Full Semester
Section 73226 online instruction with mandatory in-person orientation on Tues. 8/27 1:30p-3:30p or 5:30p-7:30p, SAC A-108 plus (3) exams to be taken on campus. Optional study sessions scheduled 9/17, 10/1, 10/15, 10/29, 11/5, 11/19, 12/13 1:00p-2:30p, SAC A-130. For more information go to the instructor's website at: <a href="http://www.sac.edu/facultystaff/homepages/jinheetrone">http://www.sac.edu/facultystaff/homepages/jinheetrone</a> . Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> .					

73230	9:00a-1:10p	Sa	Shende A	SAC A-209	Full Semester
73227	11:45a-1:50p	Tu Th	Trone J	SAC A-209	Full Semester
73229	6:00p-10:10p	W	Phung T	SAC A-211	Full Semester
73228	6:00p-10:10p	Th	Staff	SAC A-209	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.

73231			Sung L	SAC WEB	Full Semester
Section 73231 online instruction with mandatory in-person orientation Wed, 8/28, 5:00p, SAC A-211. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> . Make sure your current email is in personal information.					
73232	6:00p-10:10p	Tu	Mathyery R	SAC A-209	Full Semester

### 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.

73233	6:00p-10:10p	W	Siebert P	SAC A-222	08/28-10/16
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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.

73238	6:00p-10:10p	W	Siebert P	SAC A-222	10/23-12/11
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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.

73235	6:00p-8:05p	Tu	Sung L	SAC A-222	10/22-12/10
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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.

73237	6:00p-10:10p	Th	Frost D	SAC A-108	Full Semester
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### ACCOUNTING 205, INTERMEDIATE ACCOUNTING

3.0 UNITS

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.

73236	7:00p-10:10p	Tu	Gonzalez Del Rio R	SAC A-228	Full Semester
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## What's New in Accounting, Finance & Tax?

Accounting 102 – **Managerial Accounting** – now ENTIRELY ONLINE  
(Sections 73225 & 73226)

Accounting 124 – **Computerized Income Tax Prep** - now in 8 Weeks!

Business 130 & 140 – **Personal Finance and Corporate Finance**  
ONLINE

**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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## ANTHROPOLOGY

### ANTHROPOLOGY 100, INTRODUCTION TO CULTURAL ANTHROPOLOGY 3.0 UNITS

A cross-cultural survey of the major areas of cultural anthropology including subsistence patterns, economic and political systems, family and kinship, religion, and cultural change. Also includes contemporary issues facing humankind such as the environment, resource depletion, ethnic conflict, globalization, and warfare. Emphasis is on understanding cultural diversity and cultural universals.

73437	1:00p-4:20p	MW	Staff	SAC D-209	08/26-10/16
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Section 73437 is an Express to Success course. Recommend enrollment in second eight weeks in section 73438. See the Express to Success program page in the class schedule for more information.

73406	8:00a-9:25a	MW	Wood S	SAC D-401	Full Semester
73409	9:00a-12:10p	F	Evans T	SAC D-401	Full Semester
73404	11:30a-12:55p	Tu Th	Wood S	SAC D-103	Full Semester
73436	7:00p-10:10p	Tu	Evans T	SAC D-102	Full Semester
73401	7:00p-10:10p	Th	Cundiff W	SAC I-207	Full Semester

### ANTHROPOLOGY 100H, HONORS INTRODUCTION TO CULTURAL ANTHROPOLOGY 3.0 UNITS

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

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

73431	9:45a-11:10a	MW	Robertson M	SAC D-401	Full Semester
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### ANTHROPOLOGY 101, INTRODUCTION TO PHYSICAL ANTHROPOLOGY 3.0 UNITS

An introduction to humankind's place in nature, including evolutionary theory, principles of genetics, primate evolution and behavior, fossil evidence for human evolution, human biology and variation, growth and adaptability, and biomedical anthropology. Includes practical application of biological anthropology to human problems.

73421	9:30a-12:40p	Tu Th	Robertson M	SAC D-401	10/22-12/12
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Section 73421, ANTH 101 is an Express to Success course. Recommend enrollment in section 73424, ANTH 101L. See the Express to Success program page in the class schedule for more information.

73417	9:30a-12:40p	Tu Th	Robertson M	SAC D-401	08/27-10/17
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Section 73417, ANTH 101 is an Express to Success course. Recommend enrollment in section 73419, ANTH 101L. See the Express to Success program page in the class schedule for more information.

73423	11:30a-12:55p	MW	Robertson M	SAC D-401	Full Semester
73420	7:00p-10:10p	Tu	Cundiff W	SAC D-401	Full Semester

### ANTHROPOLOGY 101L, PHYSICAL ANTHROPOLOGY LABORATORY 1.0 UNIT

Laboratory exercises and experiments designed to explore and understand the primary areas of physical anthropology: evolutionary theory, principles of genetics, comparative anatomy, physiology, behavior and ecology of vertebrates with an emphasis on nonhuman primates, analysis of fossil evidence for human evolution, human biology and variation, growth and adaptability, and biomedical anthropology. Includes both traditional and virtual laboratory experiences.

Prerequisite: Anthropology 101 or concurrent enrollment.

73419	1:00p-4:10p	Tu Th	Robertson M	SAC D-401	08/27-10/17
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Section 73419 is an Express to Success course. Recommend enrollment in Section 73417. See the Express to Success program page in the class schedule for more information.

73424	1:00p-4:10p	Tu Th	Robertson M	SAC D-401	10/22-12/12
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Section 73424 ANTH 101L is an Express to Success course. Recommend enrollment in Section 73421 ANTH 101. See the Express to Success program page in the class schedule for more information.

73425	1:30p-4:40p	W	Robertson M	SAC D-401	Full Semester
73427	7:00p-10:10p	W	Cundiff W	SAC D-401	Full Semester

### ANTHROPOLOGY 103, INTRODUCTION TO ARCHAEOLOGY 3.0 UNITS

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.

73428	7:00p-10:10p	Th	Staff	SAC D-401	Full Semester
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### ANTHROPOLOGY 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 History 105.)

73156	7:00p-10:10p	Tu	Veyna A	SAC D-212	Full Semester
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## FIRST CLASS MEETING

Make sure you attend the first class meeting!

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

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

75254	9:00a-12:20p	F	Crabb P	SAC C-105	Full Semester
75273	5:00p-6:30p	MW	Orr E	SAC C-210	Full Semester
75269	5:00p-6:30p	Tu Th	Orr E	SAC C-210	Full Semester

### 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.

73074			Brown S	SAC WEB	Full Semester
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Section 73074 No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <http://rsccd.blackboard.com>

73085	8:00a-9:25a	MW	Burns D	SAC C-104	Full Semester
73086	8:00a-9:25a	Tu Th	Redfield M	SAC C-104	Full Semester
73088	9:30a-10:55a	MW	Burns D	SAC C-104	Full Semester
73091	11:00a-12:25p	Tu Th	Redfield M	SAC C-104	Full Semester
73093	12:30p-1:55p	MW	Marquez P	SAC C-104	Full Semester
73100	1:00p-2:25p	Tu Th	Monroe J	SAC C-104	Full Semester
73130	6:00p-10:05p	F	Redfield M	SAC C-104	09/13-10/19
	12:30p-4:35p	Sa	Redfield M	SAC C-104	
73132	6:30p-9:40p	M	Soriano I	SAC C-104	Full Semester
73131	6:30p-9:40p	Tu	Monroe J	SAC C-207	Full Semester
73101	6:30p-9:40p	Th	Monroe J	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.

73133	6:30p-9:40p	Th	Soriano I	SAC C-207	Full Semester
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### ART 102, SURVEY OF WESTERN ART HISTORY II: RENAISSANCE THROUGH THE TWENTIETH CENTURY 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.

73189	9:30a-10:55a	Tu Th	Soriano I	SAC C-207	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.

73199	9:30a-10:55a	MW	Soriano I	SAC A-130	Full Semester
73201	11:00a-12:25p	Tu Th	Soriano I	SAC C-213	Full Semester
73202	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.

73203	6:30p-9:40p	Tu	Marquez P	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.

73206	7:00p-10:00p	M	Doyle D	SAC C-207	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.

73207	6:30p-7:20p	MW	Hostetter D	SAC C-208	Full Semester
	7:30p-9:40p	MW	Hostetter D	SAC C-208	

### 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.

73328	9:30a-10:20a	Tu Th	Gillette L	SAC C-106	Full Semester
	10:30a-12:30p	Tu Th	Gillette L	SAC C-106	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**ART 122, GRAPHIC DESIGN I**

Introduction to basic graphic design concepts, techniques and practices resulting in the production of effective visual communications. Projects combine text with images, using current industry standards and technology in print media and other design applications. Art 110, 162, 191A, and 192A recommended.

Prerequisite: Art 195.

**Material Fee(s): \$15.00**

73403	6:30p-7:20p	MW	Sorrell D	SAC A-219	Full Semester
	7:30p-9:40p	MW	Sorrell D	SAC A-219	

**ART 124, GALLERY PRODUCTION**

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

73422			Marquez P	SAC C-101	Full Semester
Section 73422 Orientation meeting Aug.28 3:00-4:00, C-101. Call Art Gallery Office 714-564-5615 for info.					

**ART 130, INTRODUCTION TO DRAWING**

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.

73453	9:30a-10:20a	Tu Th	Genoway K	SAC C-210	Full Semester
	10:30a-12:40p	Tu Th	Genoway K	SAC C-210	
73666	1:00p-1:50p	Tu Th	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	Tu Th	Herberg M	SAC C-210	
73740	2:00p-2:50p	MW	Huxley D	SAC C-208	Full Semester
	3:00p-5:10p	MW	Huxley D	SAC C-208	
73744	6:30p-7:20p	Tu Th	Hower T	SAC C-210	Full Semester
	7:30p-9:40p	Tu Th	Hower T	SAC C-210	

**ART 131, BEGINNING LIFE DRAWING**

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.

73746	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**

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.

73780	12:45p-1:35p	Tu	Orr E	SAC C-208	Full Semester
	1:45p-4:55p	Tu	Orr E	SAC C-208	

**ART 140B, WATERCOLOR PAINTING**

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.

73784	12:45p-1:35p	Tu	Orr E	SAC C-208	Full Semester
	1:45p-4:55p	Tu	Orr E	SAC C-208	

**ART 141, BEGINNING PAINTING**

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.

73948	1:45p-2:35p	MW	Orr E	SAC C-210	Full Semester
	2:45p-4:55p	MW	Orr E	SAC C-210	
73950	6:35p-7:25p	MW	Orr E	SAC C-210	Full Semester
	7:35p-9:40p	MW	Orr E	SAC C-210	

**3.0 UNITS**

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**ART 143, LANDSCAPE WATERCOLOR**

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.

73790	12:45p-1:35p	Tu	Orr E	SAC C-208	Full Semester
	1:45p-4:55p	Tu	Orr E	SAC C-208	

**ART 151, CERAMICS-INTRODUCTORY LEVEL**

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

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

73963	9:00a-9:50a	MW	Crabb P	SAC C-105	Full Semester
	10:00a-12:10p	MW	Crabb P	SAC C-105	
73964	1:00p-1:50p	MW	Crabb P	SAC C-105	Full Semester
	2:00p-4:10p	MW	Crabb P	SAC C-105	
73969	7:00p-7:50p	Tu Th	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	Tu Th	Crabb P	SAC C-105	

**ART 152, CERAMICS-INTERMEDIATE THROWING**

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

Prerequisite: Art 151.

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

73974	9:00a-9:50a	MW	Crabb P	SAC C-105	Full Semester
	10:00a-12:10p	MW	Crabb P	SAC C-105	

**ART 153, CERAMICS-INTERMEDIATE HANDBUILDING**

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

Prerequisite: Art 151.

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

73977	7:00p-7:50p	Tu Th	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	Tu Th	Crabb P	SAC C-105	

**ART 162, DIGITAL DESIGN WITH PHOTOSHOP-I**

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

Prerequisite: Art 195 or portfolio approval.

**Material Fee(s): \$15.00**

74057	6:30p-7:20p	Tu Th	Nielsen C	DMC-104	Full Semester
	7:30p-9:40p	Tu Th	Nielsen C	DMC-104	

**ART 164, WEB DESIGN WITH FLASH**

Introduction to web design using digital media tools; graphics, illustrations, text, sound, motion, using Flash and other software programs for the web. Students research how Flash is used in business presentations, advertising, entertainment, and self-promotion. Overview of elements and principles of design and motion.

Prerequisite: Art 129 or 195 or 229 or Computer Science 155 or 156 or portfolio approval.

**Material Fee(s): \$10.00**

73996	6:30p-7:20p	MW	Willcocks A	DMC-104	Full Semester
	7:30p-9:40p	MW	Willcocks A	DMC-104	

**ART 166, CREATING REALISM WITH TEXTURES AND LIGHTS**

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.

Prerequisite: Art 196A or TV/Video Communications 181 or Art 162 and portfolio review.

**Material Fee(s): \$15.00**

74018	7:00p-10:10p	M	Sellheim L	SAC A-223	Full Semester
	7:00p-10:10p	W	Sellheim L	SAC A-223	

**ART 185, FUNDAMENTALS OF CARTOONING AND STORYBOARDING**

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.

74020	9:00a-10:25a	F	Sivertsen K	SAC C-207	Full Semester
	10:35a-1:40p	F	Sivertsen K	SAC C-207	

**2.0 UNITS**

**2.0 UNITS**

**3.0 UNITS**

**3.0 UNITS**

**2.0 UNITS**

**2.0 UNITS**

**3.0 UNITS**

**3.0 UNITS**

**Can't find the class you need?**

**It may be waiting for you at  
Santiago Canyon College!**

**View SCC's class schedule at  
[www.scccollege.edu/schedule](http://www.scccollege.edu/schedule)**

**SCC's class schedule is included in this booklet.**

**Hurry! Class sizes are limited.**

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

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>					
74099	9:00a-11:05a	M	Gomez-Holbrook A	DMC-104	Full Semester
	9:00a-10:05a	W	Gomez-Holbrook A	DMC-104	
	10:15a-11:05a	W		DMC-104	
74140	9:00a-11:05a	Tu	Baitoo H	SAC A-219	Full Semester
	9:00a-10:05a	Th	Baitoo H	SAC A-219	
	10:15a-11:05a	Th		SAC A-219	
74156	9:00a-12:05p	F	Gomez-Holbrook A	SAC A-219	Full Semester
	12:15p-1:05p	F	Gomez-Holbrook A	SAC A-219	
74171	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	
74172	3:30p-5:30p	M	Willcocks A	DMC-104	Full Semester
	3:30p-4:20p	W	Willcocks A	DMC-104	
	4:30p-5:30p	W		DMC-104	
74176	4:00p-5:50p	M W	Sorrell D	SAC A-219	09/09-12/11
	5:50p-6:20p	M W	Sorrell D	SAC A-219	
W 74181	6:30p-9:20p	F	Caterina A	SAC A-219	Full Semester
	9:30p-10:20p	F	Caterina A	SAC A-219	
<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.					
74218	1:00p-4:10p	M	Waterman P	SAC A-223	Full Semester
	4:20p-6:10p	M	Waterman P	SAC A-223	
	2:00p-6:10p	W		SAC A-223	
74228	5:00p-8:10p	Tu	Waterman P	SAC A-223	Full Semester
	8:20p-10:10p	Tu	Waterman P	SAC A-223	
	6:00p-10:10p	Th		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.					
74232	9:30a-10:20a	Tu Th	Genoway K	SAC C-210	Full Semester
	10:30a-12:40p	Tu Th	Genoway K	SAC C-210	
74236	1:00p-1:50p	Tu Th	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	Tu Th	Herberg M	SAC C-210	
74237	2:00p-2:50p	M W	Huxley D	SAC C-208	Full Semester
	3:00p-5:10p	M W	Huxley D	SAC C-208	
74238	6:30p-7:20p	Tu Th	Hower T	SAC C-210	Full Semester
	7:30p-9:40p	Tu Th	Hower T	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.					
74241	9:00a-9:50a	M W	Du Plessis D	SAC C-210	Full Semester
	10:00a-12:10p	M W	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.					
74242	9:00a-9:50a	M W	Du Plessis D	SAC C-210	Full Semester
	10:00a-12:10p	M W	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 or portfolio review.					
74252	9:30a-10:20a	Tu Th	Genoway K	SAC C-210	Full Semester
	10:30a-12:40p	Tu Th	Genoway K	SAC C-210	
74253	1:00p-1:50p	Tu Th	Herberg M	SAC C-210	Full Semester
	2:00p-4:10p	Tu Th	Herberg M	SAC C-210	
74254	2:00p-2:50p	M W	Huxley D	SAC C-208	Full Semester
	3:00p-5:10p	M W	Huxley D	SAC C-208	
74260	6:30p-7:20p	Tu Th	Hower T	SAC C-210	Full Semester
	7:30p-9:40p	Tu Th	Hower T	SAC C-210	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>ART 240, INTERMEDIATE WATERCOLOR</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>An intermediate level course providing for continuing development of watercolor painting skills. Further refinement of media, technique and expression of style through more advanced painting projects. Subject matter content includes still life, landscape, figurative studies, abstraction and individual creative expression. Traditional and non-traditional approaches.</i>					
Prerequisite: Art 140B.					
74262	12:45p-1:35p	Tu	Orr E	SAC C-208	Full Semester
	1:45p-4:55p	Tu	Orr E	SAC C-208	
<b>ART 241, INTERMEDIATE PAINTING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>An intermediate level class designed to promote and advance the creative development of those with basic skills in water-soluble oil and/or acrylic painting. Opportunity for further study of historical and contemporary references and to increase experience with new media, methods and techniques. Emphasis on artistic expression and individual creative problems.</i>					
Prerequisite: Art 141.					
74267	1:45p-2:35p	M W	Orr E	SAC C-210	Full Semester
	2:45p-4:55p	M W	Orr E	SAC C-210	
74268	6:35p-7:25p	M W	Orr E	SAC C-210	Full Semester
	7:35p-9:40p	M W	Orr E	SAC C-210	
<b>ART 242, ADVANCED PAINTING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>An advanced level studio course providing opportunity for further refinement of painting skills with increasing exposure to contemporary styles. Emphasis on research and individual creative problems in painting. Exploration into a personal mode of expression through development of media, technique and style. Classroom studio use of oils limited to water-soluble oil pain only.</i>					
Prerequisite: Art 241.					
74269	1:45p-2:35p	M W	Orr E	SAC C-210	Full Semester
	2:45p-4:55p	M W	Orr E	SAC C-210	
74270	6:35p-7:25p	M W	Orr E	SAC C-210	Full Semester
	7:35p-9:40p	M W	Orr E	SAC C-210	
<b>ART 251, CERAMICS-ADVANCED THROWING AND HANDBUILDING</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Study of thrown and handbuilt sculptural forms. Exploration of decoration and glaze techniques and incorporation of non-traditional materials such as metal/wood/plastics/paints.</i>					
Prerequisite: Art 152.					
<b>Material Fee(s): \$8.00</b>					
73956	1:00p-1:50p	M W	Crabb P	SAC C-105	Full Semester
	2:00p-4:10p	M W	Crabb P	SAC C-105	
73959	7:00p-7:50p	Tu Th	Crabb P	SAC C-105	Full Semester
	8:00p-10:10p	Tu Th	Crabb P	SAC C-105	
<b>ART 296, COMPUTER GRAPHICS PRODUCTION</b> <span style="float: right;"><b>1.5 UNITS</b></span>					
<i>Projects focusing on 3D modeling and animation for video games, film/TV, advertising and marketing.</i>					
Prerequisite: Art 196A or Television/Video Communications 181.					
74271	1:00p-4:10p	W	Waterman P	SAC A-223	Full Semester
	4:10p-4:35p	W	Waterman P	SAC A-223	
74272	5:00p-8:10p	Th	Waterman P	SAC A-223	Full Semester
	8:10p-8:35p	Th	Waterman P	SAC A-223	

## ASTRONOMY

<b>ASTRONOMY 109, INTRODUCTION TO THE SOLAR SYSTEM</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Surveys history of astronomy, recent research and observations of the planets, moons, and other solar system objects. Exploration of light and gravity to understand formation, properties and motion of Solar System objects.</i>					
73761	11:10a-12:35p	M W	Eastmond T	SAC R-128	Full Semester
73760	1:00p-2:25p	Tu Th	Eastmond T	SAC R-124	Full Semester
73762	6:15p-9:25p	Th	Tumakov V	SAC R-124	Full Semester
<b>ASTRONOMY 110, INTRODUCTION TO STARS AND GALAXIES</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Surveys the development of astronomy, current research and observations of stars, galaxies and large-scaled structures in the universe. Exploration of light and gravity to understand the properties and evolution of stars, neutron stars, black holes, galaxies and the universe structures and changes.</i>					
73764	1:15p-4:25p	W	Kalko J	SAC R-318	Full Semester
73763	7:00p-10:10p	W	Schuh S	SAC R-128	Full Semester
<b>ASTRONOMY 140, ASTRONOMY LABORATORY</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<i>Utilizes experimental techniques to explore and comprehend properties and motions of celestial objects. Basic naked-eye, binocular and small telescope observing techniques will be introduced. Field trips to local planetaria and dark sky locations may be included.</i>					
Prerequisite: Astronomy 109 or 110 or 110H or concurrent enrollment.					
73767	1:15p-4:25p	Tu	Kalko J	SAC R-328	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.*

73336	9:00a-12:10p	F	Wilkes D	SAC J-115	Full Semester
73337	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.*

73338	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.)*

75565	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
75568	6:00p-9:40p	Tu Th	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.)*

73339	6:30p-10:50p	Tu Th	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.*

73340	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 motor systems. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006.*

73341	6:30p-10:45p	MW	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.*

73342	6:30p-10:40p	MW	Serrano, Jr. M	SAC J-115	Full Semester
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**AUTOMOTIVE TECHNOLOGY 072, GENERAL AUTOMOTIVE ENGINE SERVICE** **4.5 UNITS**  
*The course deals with the diagnosis and service of modern automotive engines and accessories. Students furnish hand tools and safety equipment. Suggested preparation: Automotive Technology 002 or 006 (may be taken concurrently).*

73343	8:15a-12:20p	Tu Th	Serrano, Jr. M	SAC J-115	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.*

73344	5:00p-6:25p	Tu Th	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.*

W 73345	6:00p-10:15p	F	Wilkes D	SAC J-102	08/30-10/18
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## BANKING

**BANKING 010, TELLER TRAINING FOR FINANCIAL INSTITUTIONS** **2.0 UNITS**  
*Course provides prospective bank employees with a broad overview of financial institutions and basic knowledge of teller techniques including bank transactions and customer service.*

W 73245	9:00a-2:50p	Sa	Trabant T	SAC A-207	08/31-10/05
W 73247	9:00a-2:50p	Sa	Trabant T	SAC A-207	10/26-12/07

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## BIOLOGY

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

73668			Rourke M	SAC WEB	Full Semester
	Section 73668 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:rourke_michael@sac.edu">rourke_michael@sac.edu</a> ).				

73687			Mansfield P	SAC WEB	Full Semester
	Section 73687 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:mansfield_patricia@sac.edu">mansfield_patricia@sac.edu</a> ).				

73688			Morris A	SAC WEB	Full Semester
	Section 73688 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:morris_kimo@sac.edu">morris_kimo@sac.edu</a> ).				

73594	8:00a-9:25a	MW	Lopez J	SAC R-124	Full Semester
73689	9:00a-12:10p	F	Takahashi M	SAC R-128	Full Semester
	Section 73689 combines weekly mandatory on-campus meetings every Fri, 9:00a-12:00p, SAC R-128, plus online instruction using Camtasia or other software.				

W 73667	9:00a-12:10p	Sa	McMath L	SAC R-128	Full Semester
73595	9:15a-10:40a	MW	Goldmann D	SAC R-128	Full Semester
73597	12:15p-3:25p	F	Nguyen P	SAC R-124	Full Semester
73599	1:15p-4:25p	Tu	Morris A	SAC R-128	Full Semester
73596	7:00p-10:10p	M	Goldmann D	SAC R-124	Full Semester

**BIOLOGY 109H, HONORS FUNDAMENTALS OF BIOLOGY** **3.0 UNITS**  
*Traditional Biology, enriched by extensive instructor-prepared study guides for each subject area of curriculum. Additional enhancement by outside reading suggestions and optional student reports. Class participation and discussion is strongly encouraged, as are questions on current reports and news in the popular media and scientific sources. Information will be expanded by reference to research observations and by appropriate references to classical and current literature. Emphasis is on analysis of pertinent topics using critical reading and interpretation skills. Concurrent enrollment in Biology 109L is recommended. Designed for non-biology majors. Prerequisite: A high school or college GPA of 3.0 or above.*

73691	3:00p-4:25p	Tu Th	Lopez J	SAC I-204	Full Semester
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### ALL BIOLOGY CLASSES FIRST CLASS MEETING

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

**BIOLOGY 109L, FUNDAMENTALS OF BIOLOGY LABORATORY** **1.0 UNIT**  
*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.*

Prerequisite: BIOL 109 with a minimum grade of C or BIOL 109H with a minimum grade of C

73705	8:00a-11:10a	F	Boyd D	SAC R-202	Full Semester
73693	10:00a-1:10p	M	Lopez J	SAC R-202	Full Semester
73696	10:00a-1:10p	Tu	Ou M	SAC R-202	Full Semester
73712	11:00a-2:10p	W	Glauber K	SAC R-202	Full Semester
73699	11:00a-2:10p	Th	McMath L	SAC R-202	Full Semester
W 73706	12:30p-3:40p	Sa	Palmier C	SAC R-202	Full Semester
73825	1:00p-4:10p	F	Palmier C	SAC R-202	Full Semester
73694	2:30p-5:40p	M	Glauber K	SAC R-202	Full Semester
73697	3:00p-6:10p	Tu	Patel D	SAC R-202	Full Semester
73822	3:00p-6:10p	Th	Gray V	SAC R-202	Full Semester
73698	7:00p-10:10p	Tu	Ou M	SAC R-202	Full Semester
73700	7:00p-10:10p	W	Sharar E	SAC R-202	Full Semester
73704	7:00p-10:10p	Th	Shimano B	SAC R-202	Full Semester

### Academic Planning Questions?

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>BIOLOGY 139, HEALTH MICROBIOLOGY</b> <span style="float: right;"><b>4.0 UNITS</b></span>					
<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>					
73826	5:00p-6:25p	Tu Th	Oertel P	SAC R-128	Full Semester
	11:30a-1:35p	Tu Th	Oertel P	SAC R-226	
73828	5:00p-6:25p	Tu Th	Oertel P	SAC R-128	Full Semester
	2:00p-4:05p	Tu Th	Oertel P	SAC R-226	
73829	5:00p-6:25p	Tu Th	Oertel P	SAC R-128	Full Semester
	6:45p-8:50p	Tu Th	Oertel P	SAC R-226	

<b>BIOLOGY 149, HUMAN ANATOMY AND PHYSIOLOGY</b> <span style="float: right;"><b>4.0 UNITS</b></span>					
<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>					
73832	6:15p-9:25p	Tu	Hampton J	SAC R-124	Full Semester
	7:00p-10:10p	Th	Dibernardo L	SAC R-201	
73831	6:15p-9:25p	Tu	Hampton J	SAC R-124	Full Semester
	9:00a-12:10p	Th	Sanchez S	SAC R-201	
73833	6:15p-9:25p	Tu	Hampton J	SAC R-124	Full Semester
	1:00p-4:10p	W	Hampton J	SAC R-201	

<b>BIOLOGY 200, ENVIRONMENT OF MAN</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>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.)</i>					
73834	10:30a-11:55a	Tu Th	Morris A	SAC R-318	Full Semester

<b>BIOLOGY 211, CELLULAR AND MOLECULAR BIOLOGY</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>An investigation into the molecular and cellular basis of life, including the evolution of cells, cell structure and function, energy and information flow, cellular reproduction, genetics, and the molecular basis of inheritance. Required of majors in Biology, Medicine, Forestry, and Agriculture. This course is a prerequisite for Biology 212 and Biology 214. Prior completion of Chemistry 119 or 209 or equivalent recommended.</i>					
Prerequisite: Mathematics 080 or 081 with a grade of C or better.					
73857	8:00a-9:25a	Tu Th	Lopez J	SAC I-206	Full Semester
	9:45a-12:55p	Tu Th	Lopez J	SAC R-228	
73837	4:30p-5:55p	Tu Th	Beltran J	SAC R-124	Full Semester
	6:15p-9:25p	Tu Th	Beltran J	SAC R-228	
73855	4:30p-5:55p	Tu Th	Beltran J	SAC R-124	Full Semester
	1:15p-4:25p	Tu Th	Corona E	SAC R-228	

<b>BIOLOGY 212, ANIMAL DIVERSITY AND ECOLOGY</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>A study of ecological principles, and relationships between animal diversity and ecosystems. Habitat, populations, ecological interactions, and environmental influences are stressed while surveying animal diversity and addressing structure, function, behavior, and adaptation of major taxonomic groups. Required of majors in biology, medicine, forestry and agriculture. Field trips required.</i>					
Prerequisite: Biology 211 with a grade of C or better.					
73858	12:00p-1:25p	M W	Morris A	SAC I-204	Full Semester
	1:40p-4:50p	M W	Morris A	SAC R-219	

<b>BIOLOGY 229, GENERAL MICROBIOLOGY</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>Introduction to microorganisms, their classification, structure, biochemistry, growth, control and their interactions with other organisms and the environment. Designed for biology, preprofessional, and prenursing (BSN) majors.</i>					
Prerequisite: Biology 109/109H and 109L, or 139, or 149, or 211, or 239, or 249, or Chemistry 119 or Chemistry 209.					
<b>Material Fee(s): \$20.00</b>					
73862	1:00p-2:25p	M W	Takahashi M	SAC R-128	Full Semester
	9:00a-12:10p	M W	Takahashi M	SAC R-226	
73865	1:00p-2:25p	M W	Takahashi M	SAC R-128	Full Semester
	6:30p-9:40p	M W	Morales D	SAC R-226	
73860	1:00p-2:25p	M W	Takahashi M	SAC R-128	Full Semester
	3:00p-6:10p	M W	Morales D	SAC R-226	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>BIOLOGY 239, GENERAL HUMAN ANATOMY</b> <span style="float: right;"><b>4.0 UNITS</b></span>					
<i>Structure of the human body. Systems, organs, and tissues are studied from human skeletons, models, charts, slides and CD-ROM programs. Laboratory includes the dissection of a cat; and periodic demonstrations of a prosected cadaver as available.</i>					
H 73877			Mansfield P	SAC HYBRID	Full Semester
W	3:00p-6:10p	F	Johnson R	SAC R-201	
Section 73877 will specifically utilize cadaver demonstration/dissection instead of cats. Online instruction plus mandatory on campus weekly lab meetings every Fri, 3:00p-6:10p, SAC R-201. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information.					
Email instructor first week of class ( <a href="mailto:mansfield_patricia@sac.edu">mansfield_patricia@sac.edu</a> ).					
73867	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	1:00p-4:10p	M	Hampton J	SAC R-201	
73868	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	4:30p-7:40p	M	Sanchez S	SAC R-201	
73869	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	9:00a-12:10p	Tu	Patel D	SAC R-201	
73871	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	1:00p-4:10p	Tu	Hampton J	SAC R-201	
73873	10:00a-11:25a	M W	Hampton J	SAC R-124	Full Semester
	9:00a-12:10p	F	Johnson R	SAC R-201	
Section 73873 will specifically utilize cadaver demonstration/dissection instead of cats.					
W 73874	12:00p-3:10p	Sa	Dibernardo L	SAC R-124	Full Semester
W	8:30a-11:40a	Sa	Dibernardo L	SAC R-201	
W 73876	12:00p-3:10p	Sa	Dibernardo L	SAC R-124	Full Semester
W	3:30p-6:40p	Sa	Johnson R	SAC R-201	

<b>BIOLOGY 249, HUMAN PHYSIOLOGY</b> <span style="float: right;"><b>4.0 UNITS</b></span>					
<i>Microscopic, macroscopic and dynamic view of the human physiological processes. The lecture portion includes a thorough consideration of both "cell and systems" physiology. Laboratory work includes the use of techniques used in basic research, an introduction to the use of standard medical equipment and the performance of medical laboratory tests. Non-invasive experiments are performed on students enrolled in the class.</i>					
Prerequisite: Biology 239 or similar Human Anatomy course.					
73881	1:15p-4:25p	M	Mansfield P	SAC R-126	Full Semester
	10:00a-1:10p	W	Smith D	SAC R-228	
73885	1:15p-4:25p	M	Mansfield P	SAC R-126	Full Semester
	2:00p-5:10p	W	Mansfield P	SAC R-228	

## BUSINESS

<b>BUSINESS 080, BUSINESS MATHEMATICS</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>Business math applications including review of fractions, decimals, percents, banking, discounts, markups, payroll, interest calculation, installment buying, mortgages, depreciation, taxes, insurance, stocks, bonds and mutual funds.</i>					
73275	7:00p-10:10p	Th	Eskow S	SAC A-228	Full Semester
<b>BUSINESS 100, FUNDAMENTALS OF BUSINESS</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<i>An introduction to the basic fundamentals of business. A survey of marketing, management, production, accounting, finance, and economics and how they interrelate in the business environment.</i>					
O 73731			Doolittle G	SAC WEB	08/26-10/18
Section 73731 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> .					
O 73732			Grant M	SAC WEB	Full Semester
Section 73732 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> .					
73735	8:00a-9:25a	Tu Th	Grant M	SAC A-203	Full Semester
73737	9:30a-10:55a	M W	Doolittle G	SAC A-203	Full Semester
73736	12:30p-1:55p	Tu Th	Irion M	SAC A-207	Full Semester
73741	6:00p-9:10p	W	Long R	SAC A-205	Full Semester

<b>BUSINESS 103, COOPERATIVE WORK EXPERIENCE-OCCUPATIONAL EDUCATION-OCCUPATIONAL</b> <span style="float: right;"><b>1.0 - 4.0 UNITS</b></span>					
<i>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.</i>					
Open Entry / Open Exit					
73742	TBA		Negrete T	SAC A-107-5	Full Semester
Section 73742 orientation Wed., Aug. 28, 12:00p-12:50p or 6:00p-6:50p, SAC A-104.					

<b>BUSINESS 104, COOPERATIVE WORK EXPERIENCE-GENERAL EDUCATION-GENERAL</b> <span style="float: right;"><b>1.0 - 4.0 UNITS</b></span>					
<i>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.</i>					
73745	TBA		Molitor M	SAC A-107-5	Full Semester
Section 73745 orientation Wed., Aug. 28, 12:00p-12:50p or 6:00p-6:50p, SAC A-104.					

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

## Check Out What's New in Business!

### Accounting

CTEC Approved Tax Classes

### Business Applications

BA 177, Microsoft OneNote

### Computer Science

CMPR 129, Introduction to Computer Organization  
(formerly Computer Science 111)

### 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 297, The Professional Paralegal



## 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 28, 2013, 12:00–12:50pm or 6:00–6:50pm in SAC A-104

### OCCUPATIONAL WORK EXPERIENCE

Every major enrolls in Business 103 and 104

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

Work Experience also available in Computer Science and Paralegal.

### BUSINESS 105, LEGAL ENVIRONMENT OF BUSINESS

3.0 UNITS

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

73125			Manzano F	SAC WEB	Full Semester
Section 73125 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> .					
73126			Manzano F	SAC WEB	09/23-12/13
Section 73126 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> .					
73124	8:00a-9:25a	MW	Doolittle G	SAC A-130	Full Semester
73123	9:30a-10:55a	TuTh	Robinson K	SAC A-130	Full Semester
73119	11:30a-12:55p	MW	Robinson K	SAC A-205	Full Semester
73127	7:00p-10:10p	W	Mills L	SAC D-102	Full Semester
73128	7:00p-10:10p	Th	Mills L	SAC D-102	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, rules, relationships, motivating employees and negotiation.*

73754			Doolittle G	SAC WEB	Full Semester
Section 73754 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> .					
73756	9:30a-10:55a	TuTh	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.*

73766	6:00p-10:00p	Tu	Grant M	SAC A-203	08/27-09/17
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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.*

73769	6:00p-10:00p	Tu	Shweiri G	SAC A-203	09/24-10/15
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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.*

73771	6:00p-10:00p	Tu	Shweiri G	SAC A-203	10/22-11/12
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### 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.*

73773	6:00p-10:00p	Tu	Shweiri G	SAC A-203	11/19-12/10
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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.)*

73775			Shweiri G	SAC WEB	Full Semester
Section 73775 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> .					
73777	9:30a-10:55a	TuTh	Shweiri G	SAC A-214	Full Semester
73779	6:00p-9:10p	W	Irion 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.)*

73781	11:00a-12:25p	TuTh	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.*

73783			Stewart L	SAC WEB	Full Semester
Section 73783 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> .					
73787	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.*

73239			Shain S	SAC WEB	Full Semester
Section 73239 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.					



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	LOCATON / ROOM	DATES
<b>BUSINESS 140, PRINCIPLES OF FINANCE</b> <b>3.0 UNITS</b>					
<i>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.</i>					
73243			Beck J	SAC WEB	Full Semester
Section 73243 online instruction. Mandatory class orientation Mon, 8/26, 6:00p, SAC A-207. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> .					
Make sure your current e-mail is in personal information.					
<b>BUSINESS 147, INTERNATIONAL COMMERCIAL AGREEMENTS AND DISTRIBUTION LAW</b> <b>1.0 UNIT</b>					
<i>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.)</i>					
73788	6:00p-10:00p	Th	Mitchell C	SAC A-203	08/29-09/19
<b>BUSINESS 148, INTERNATIONAL INTELLECTUAL PROPERTY LAW</b> <b>1.0 UNIT</b>					
<i>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).</i>					
73789	6:00p-10:00p	Th	Mitchell C	SAC A-203	09/26-10/17
<b>BUSINESS 149, THE LAW OF GLOBAL COMMERCE</b> <b>1.0 UNIT</b>					
<i>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.)</i>					
73791	6:00p-10:00p	Th	Mitchell C	SAC A-203	10/24-11/14
<b>BUSINESS 150, INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS</b> <b>3.0 UNITS</b>					
<i>Introduction to computer concepts and management information systems. Application software will be used to solve business problems.</i>					
72836			Kushida C	SAC WEB	Full Semester
Section 72836 Online instruction with mandatory on-campus orientation and final exam. Students must attend one of the following orientation offerings in A-108: Tues 8/27, 5:30p-6:15p or Wed 8/28, 11:30a-12:15p. Students must take a final exam on campus on Tues 12/10 from 5:00p-6:55p in A-108. More information is available at the instructor website: <a href="http://sac.edu/ckushida">http://sac.edu/ckushida</a> . Students are required to logon to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> .					
72829	7:50a-10:55a	M W	Nichols B	SAC A-213	10/21-12/11
72813	11:30a-12:55p	Tu Th	Harding G	SAC A-208	Full Semester
72831	7:00p-10:10p	M W	Nichols B	SAC A-213	10/21-12/11
72816	7:00p-10:10p	M	Ahmed A	SAC A-208	Full Semester
<b>BUSINESS 170, PRINCIPLES OF SMALL BUSINESS MANAGEMENT</b> <b>3.0 UNITS</b>					
<i>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.</i>					
73794	11:00a-12:25p	Tu Th	Carr B	SAC A-203	Full Semester
73804	7:00p-10:10p	Th	Thomason G	SAC D-103	Full Semester
<b>BUSINESS 222, BUSINESS WRITING</b> <b>3.0 UNITS</b>					
<i>Overview of oral and written communication skills used in business; emphasizes guidelines for improving writing and speaking skills, common solutions to common communication problems, ethical issues facing business communicators today, instructions on how to identify areas of legal vulnerability, and tested techniques for communicating successfully in today's high-tech, international business environment.</i>					
Prerequisite: English 101 or 101H.					
73811	9:30a-10:55a	Tu Th	Woolgar D	SAC A-108	Full Semester
73813	12:30p-1:55p	Tu Th	Woolgar D	SAC A-108	Full Semester
73814	7:00p-10:10p	M	Hobbs R	SAC A-108	Full Semester
73816	7:00p-10:10p	Th	Woolgar D	SAC A-224	Full Semester

## BUSINESS APPLICATIONS

<b>BUSINESS APPLICATIONS 017, BUSINESS WRITING SKILLS</b> <b>3.0 UNITS</b>					
<i>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.</i>					
73253	7:00p-10:10p	W	Negrete T	SAC A-226	Full Semester
<b>BUSINESS APPLICATIONS 035, COMPUTER FUNDAMENTALS</b> <b>1.5 UNITS</b>					
<i>Introduction to computer hardware components, software applications, multimedia, and the use of the Internet.</i>					
73265	9:00a-12:10p	Sa	Ali W	SAC A-222	08/31-10/19

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>BUSINESS APPLICATIONS 043, MICROSOFT CERTIFIED APPLICATION SPECIALIST PREPARATION</b> <b>0.5 UNIT</b>					
<i>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.</i>					
73255	4:55p-6:55p	W	Ali W	SAC A-224	11/13-12/04
<b>BUSINESS APPLICATIONS 056, GENERAL FOUNDATION FOR BILINGUAL BUSINESS INTERPRETATION-SPANISH/ENGLISH</b> <b>3.0 UNITS</b>					
<i>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.</i>					
73266	7:00p-10:10p	W	Frias E	SAC A-224	Full Semester
<b>BUSINESS APPLICATIONS 057, MEDICAL INTERPRETATION AND TRANSLATION-SPANISH/ENGLISH</b> <b>3.0 UNITS</b>					
<i>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.</i>					
73267	9:00a-12:10p	Sa	Frias Callejas M	SAC A-224	Full Semester
<b>BUSINESS APPLICATIONS 110A, COMPUTER KEYBOARDING SKILLS I</b> <b>1.0 UNIT</b>					
<i>Proficiency based keyboarding skills includes alphabet, speed and accuracy development.</i>					
Open Entry / Open Exit					
73277	9:15a-10:55a	M W	Le N	SAC A-226	Full Semester
73282	9:20a-10:55a	Tu Th	Montiel-Childress D	SAC A-228	Full Semester
73280	9:20a-12:30p	F	Le N	SAC A-226	Full Semester
<b>BUSINESS APPLICATIONS 110B, COMPUTER KEYBOARDING SKILLS II</b> <b>1.0 UNIT</b>					
<i>Continuation and refinement of proficiency based computer keyboarding skills includes: alphabet and numeric keyboard, speed and accuracy development and basic word processing skills.</i>					
Prerequisite: Business Applications 110A.					
Open Entry / Open Exit					
73283	9:15a-10:55a	M W	Le N	SAC A-226	Full Semester
73285	9:20a-10:55a	Tu Th	Montiel-Childress D	SAC A-228	Full Semester
73284	9:20a-12:30p	F	Le N	SAC A-226	Full Semester
<b>BUSINESS APPLICATIONS 115A, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT I</b> <b>1.0 UNIT</b>					
<i>Intense review of letter, number, and symbol typing. Emphasis on individual's problem keys. Increase keyboarding speed and improve accuracy through prescribed drills and timed writings on computer. Basic proficiency in typing or keyboarding recommended.</i>					
Open Entry / Open Exit					
73286	9:15a-10:55a	M W	Le N	SAC A-226	Full Semester
73288	9:20a-10:55a	Tu Th	Montiel-Childress D	SAC A-228	Full Semester
73287	9:20a-12:30p	F	Le N	SAC A-226	Full Semester
<b>BUSINESS APPLICATIONS 115B, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT II</b> <b>1.0 UNIT</b>					
<i>Refinement of letter, number, and symbol typing. Emphasis on individual's problem keys. Increase keyboarding speed and improve accuracy through prescribed drills and timed writings on computer.</i>					
Prerequisite: Business Applications 115A.					
Open Entry / Open Exit					
75754	9:15a-10:55a	M W	Le N	SAC A-226	Full Semester
75756	9:20a-10:55a	Tu Th	Montiel-Childress D	SAC A-228	Full Semester
75755	9:20a-12:30p	F	Le N	SAC A-226	Full Semester
<b>BUSINESS APPLICATIONS 125, MICROSOFT WORD BASICS</b> <b>1.5 UNITS</b>					
<i>Basic procedures for creating, editing, and manipulating documents of varying sophistication using Microsoft Word software.</i>					
<i>Software Utilized: MS Word 2010</i>					
73294	9:00a-12:30p	Sa	Banh H	SAC A-226	10/26-12/14
<b>BUSINESS APPLICATIONS 147, INTRODUCTION TO WINDOWS</b> <b>1.5 UNITS</b>					
<i>The fundamentals of Windows graphical user interface including Help, launching applications and managing files and folders using My Computer and Windows Explorer. Additional topics include WordPad and customizing Windows using Control Panel.</i>					
<i>Software Utilized: Windows 8</i>					
73295	9:00a-12:30p	Sa	Ali W	SAC A-222	10/26-12/14
<b>BUSINESS APPLICATIONS 160, MICROSOFT PUBLISHER</b> <b>3.0 UNITS</b>					
<i>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.</i>					
<i>Software Utilized: MS Publisher 2010</i>					
73296	9:30a-10:55a	M W	Montiel-Childress D	SAC A-224	Full Semester
75752	9:30a-10:55a	Tu Th	Lehrer C	SAC A-226	Full Semester
75753	1:15p-2:40p	M W	Montiel-Childress D	SAC A-224	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-225.

**BUSINESS APPLICATIONS 166, ADOBE ILLUSTRATOR 3.0 UNITS**  
*Introduction to Adobe Illustrator, an electronic digital illustration program for creating graphic images for business publications. Learn how to digitally create and print illustrations, logos, and publications.*

**Software Utilized: Adobe Illustrator CS6**

73297 6:30p-9:40p M Nguyen M SAC A-224 Full Semester

**BUSINESS APPLICATIONS 174, CREATING WEB PAGES WITH DREAMWEAVER AND FLASH 3.0 UNITS**  
*Provides instruction on designing a dynamic web site from concept to upload to a server using Dreamweaver and Flash together. Students will integrate HTML with multimedia into one web site using cascading style sheets, animation, and sound based on professional business standards and techniques. Knowledge of Word and Photoshop helpful.*

**Software Utilized: Adobe Dreamweaver and Flash CS6**

73298 7:00p-10:10p Th Dumon D SAC A-226 Full Semester

**BUSINESS APPLICATIONS 177, MICROSOFT ONENOTE 1.5 UNITS**  
*Students will learn how to use Microsoft OneNote, create, organize and manage notebooks. Students will work with audio and video files, search Notes, and integrate OneNote with Microsoft Office.*

**Software Utilized: MS OneNote 2010**

73299 7:00p-10:20p M Nguyen T SAC A-222 10/21-12/09

**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 2010**

73300 Section 73300 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 ([Nguyen\\_MichaelT@sac.edu](mailto:Nguyen_MichaelT@sac.edu))

73301 11:00a-1:05p Tu Th Montiel-Childress D SAC A-226 Full Semester

73302 6:00p-10:10p Tu Molitor M SAC A-226 Full Semester

**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 2010**

73303 7:00p-10:10p M Dutton Jr D SAC A-226 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**BUSINESS APPLICATIONS 188, MICROSOFT EXCEL 1.5 UNITS**  
*Introduction to Excel spreadsheets including formatting, graphics, charts and formulas common to business applications.*

**Software Utilized: MS Excel 2010**

73304 Montiel-Childress D SAC WEB 08/26-10/18  
 Section 73304 online instruction plus mandatory on-campus orientation Wed. 8/28, 5:00p-6:15p, SAC A-224. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class ([Montiel\\_Dena@sac.edu](mailto:Montiel_Dena@sac.edu))

73305 6:30p-9:40p F Nguyen T SAC A-226 08/30-10/18

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

**Software Utilized: MS Excel 2010**

73306 Montiel-Childress D SAC WEB 10/21-12/13  
 Section 73306 online instruction plus mandatory on-campus orientation Wed. 10/23, 5:00p-6:15p, SAC A-224. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>. Email instructor first week of class ([Montiel\\_Dena@sac.edu](mailto:Montiel_Dena@sac.edu))

73307 6:30p-10:00p F Nguyen T SAC A-226 10/25-12/13

**BUSINESS APPLICATIONS 190, MICROSOFT POWERPOINT 1.5 UNITS**  
*Instruction in the essentials of presentation graphics using PowerPoint. Students will learn how to design and produce presentation material for business including transparencies, slide and screen shows.*

**Software Utilized: MS PowerPoint 2010**

73308 Lehrer C SAC WEB 08/26-10/18  
 Section 73308 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 ([Lehrer\\_Carol@sac.edu](mailto:Lehrer_Carol@sac.edu))

**BUSINESS APPLICATIONS 191, POWERPOINT-APPLICATION PROJECTS 1.5 UNITS**  
*Course will provide an opportunity to develop original presentation project for business, job or personal use. Course is designed to allow students an opportunity to expand knowledge of PowerPoint.*

**Software Utilized: MS PowerPoint 2010**

73309 Lehrer C SAC WEB 10/21-12/13  
 Section 73309 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 ([Lehrer\\_Carol@sac.edu](mailto:Lehrer_Carol@sac.edu))

## CHEMISTRY

**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)*

73886 2:00p-5:10p M Cai Y SAC R-309 Full Semester  
 2:00p-5:10p W Cai Y SAC R-309

**CHEMISTRY 119, FUNDAMENTALS - GENERAL AND ORGANIC 5.0 UNITS**

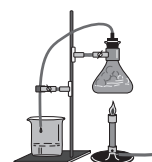
*No prior chemistry needed. For majors in nursing, dietetics, family and consumer studies, pharmacy technology, biology, and physical education. Includes atomic structure, nuclear chemistry, bonding, solutions, acids and bases, organic nomenclature, hydrocarbons and alcohols. Prerequisite: Mathematics 060 or 061.*

74586 6:00p-9:10p Tu Joe S SAC R-114 Full Semester  
 6:00p-6:55p Th Joe S SAC R-114  
 7:00p-10:10p Th Joe S SAC R-301

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

Take the following in the order given:

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



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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**CHEMISTRY 209, INTRODUCTORY CHEMISTRY****4.0 UNITS**

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

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

H	73892	8:30a-9:25a	M	Jenkins C	SAC HYBRID	Full Semester
		9:00a-12:10p	F	Jenkins C	SAC R-309	Full Semester
Section 73892 MANDATORY One-day orientation meeting on Mon., Aug 26, 8:30a-9:25a, SAC R-126. Online instruction plus mandatory on campus weekly lab meetings every Fri, 9:00a-12:10p, SAC R-309. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class ( <a href="mailto:jenkins_crystal@sac.edu">jenkins_crystal@sac.edu</a> ).						
W	73888	9:00a-12:10p	Sa	Moore B	SAC R-318	Full Semester
		1:00p-4:10p	Sa	Moore B	SAC R-301	Full Semester
	73891	10:00a-11:25a	M W	Mc Millan J	SAC R-126	Full Semester
		12:00p-3:10p	M	Mc Millan J	SAC R-301	Full Semester
	73893	5:20p-6:45p	M W	Robles M	SAC I-209	Full Semester
		7:00p-10:10p	M	Robles M	SAC R-301	Full Semester
	73889	7:00p-10:10p	M	Edinger W	SAC R-318	Full Semester
		7:00p-10:10p	W	Edinger W	SAC R-301	Full Semester
	73890	7:00p-10:10p	Th	Yamada T	SAC R-318	Full Semester
		7:00p-10:10p	Tu	Yamada T	SAC R-301	Full Semester

**CHEMISTRY 219, GENERAL CHEMISTRY****5.0 UNITS**

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

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

	73898	11:00a-12:25p	Tu Th	Visco L	SAC R-303	Full Semester
		1:00p-4:05p	Tu Th	Visco L	SAC R-309	Full Semester
	73896	1:00p-2:25p	M W	Dutz K	SAC R-303	Full Semester
		9:30a-12:40p	M W	Dutz K	SAC R-309	Full Semester
	73894	1:00p-2:25p	Tu Th	Jenkins C	SAC R-126	Full Semester
		9:30a-12:40p	Tu Th	Jenkins C	SAC R-309	Full Semester
	73895	5:00p-6:25p	M W	Nguyen W	SAC R-318	Full Semester
		7:00p-10:10p	M W	Nguyen W	SAC R-309	Full Semester
	73897	5:00p-6:25p	Tu Th	Kelcher M	SAC R-126	Full Semester
		7:00p-10:10p	Tu Th	Kelcher M	SAC R-309	Full Semester

**CHEMISTRY 229, GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS****5.0 UNITS**

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

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

	73899	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	Full Semester

**CHEMISTRY 249, ORGANIC CHEMISTRY I****5.0 UNITS**

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.

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

	73900	9:00a-10:25a	Tu Th	Kelcher M	SAC R-303	Full Semester
		11:00a-2:10p	Tu Th	Kelcher M	SAC R-302	Full Semester
	73902	10:00a-11:25a	M W	Nguyen W	SAC R-303	Full Semester
		12:00p-3:10p	M W	Nguyen W	SAC R-302	Full Semester
	73901	5:15p-6:40p	M W	Yamada T	SAC R-124	Full Semester
		7:00p-10:10p	M W	Yamada T	SAC R-302	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**CHICANO STUDIES****CHICANO STUDIES 101, INTRODUCTION TO CHICANO STUDIES****3.0 UNITS**

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

72936 9:45a-11:10a M W Sanchez G SAC D-304 Full Semester  
Section 72936 is linked to Counseling N45, Orientation to College, Section 76697, and Counseling 107, The Freshman Experience, Section 72155. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

72938	1:15p-2:40p	Tu Th	Polequaptewa Y	SAC I-107	Full Semester
72939	5:30p-6:55p	M W	Briceno G	SAC D-209	Full Semester
72937	7:00p-10:10p	W	Briceno G	SAC D-208	Full Semester

**CHINESE****CHINESE 101, ELEMENTARY CHINESE I****5.0 UNITS**

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.

75509	9:00a-11:30a	M W	Hsieh A	SAC A-222	Full Semester
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**COMMUNICATION STUDIES****COMMUNICATION STUDIES N49, INTRODUCTION TO ACADEMIC SPEAKING SKILLS****3.0 UNITS**

Beginning course for non-native students with previous instruction in basic English as a second language. Includes listening discrimination, pronunciation, speaking and listening skill building. Skills are intensively practiced and reviewed. Not applicable to associate degree.

74527	8:00a-9:25a	M W	Huebsch M	SAC I-103	Full Semester
1 hour each week lab time required					
74528	6:00p-9:10p	Th	Winkle K	SAC D-205	Full Semester
	9:20p-10:10p	Th	Winkle K	SAC D-205	Full Semester

**COMMUNICATION STUDIES N50, PRONUNCIATION SKILLS LABORATORY****1.0 UNIT**

Sign-in/out listening and speaking practice in a lab setting. Utilizes pronunciation and vocabulary/conversational material. 48 hours earns 1 unit. Not applicable to associate degree.

Open Entry / Open Exit					
74533			Morris M	SAC D-301	Full Semester

**COMMUNICATION STUDIES N52A, BEGINNING AMERICAN ENGLISH****PRONUNCIATION SKILLS****3.0 UNITS**

Instruction in pronunciation of American English sounds, identifying commonly mispronounced sounds, and common sound spelling patterns. Not applicable to associate degree.

Prerequisite: English for Multilingual Students 055.

76037	9:00a-10:25a	Tu Th	Nunez V	SAC C-213	Full Semester
74536	9:30a-10:55a	M W	Huebsch M	SAC I-103	Full Semester
1 hour each week lab time required					

**COMMUNICATION STUDIES 097, AMERICAN ENGLISH****CONVERSATIONAL SKILLS****3.0 UNITS**

Intensive, advanced conversational practice of American English. The course emphasizes oral competency in key American social, academic and business encounters and communication techniques. Laboratory hours are required. Preparation for Communication Studies 101 or 101H. Designed for non-native speakers.

Prerequisite: Communication Studies N52B or concurrent enrollment; English for Multilingual Students 107 or higher.

73673	9:30a-10:55a	Tu Th	Huebsch M	SAC D-207	Full Semester
1 hour per week arranged					

**COMMUNICATION STUDIES 101, INTRODUCTION TO INTERPERSONAL****COMMUNICATION****3.0 UNITS**

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

73772	8:00a-9:25a	M W	Staff	SAC C-202	Full Semester
73785	8:00a-9:25a	Tu Th	Morris M	SAC C-202	Full Semester
W 73733	9:00a-12:10p	Sa	Harris M	SAC I-206	Full Semester
73778	9:30a-10:55a	M W	Staff	SAC C-202	Full Semester
73701	9:30a-10:55a	Tu Th	Fondren S	SAC I-103	Full Semester
73792	11:00a-12:25p	M W	Staff	SAC C-214	Full Semester
73782	1:00p-2:25p	Tu Th	Moldoveanu M	SAC C-202	Full Semester
73795	2:00p-5:10p	Tu	Wagner S	SAC C-214	Full Semester
73793	2:00p-5:10p	Th	Staff	SAC C-214	Full Semester
73738	4:00p-6:55p	M	Holder V	SAC C-202	Full Semester
W 73743	6:00p-9:55p	F	Holder V	SAC C-207	09/13-10/19
	9:00a-12:55p	Sa	Holder V	SAC C-207	Full Semester
73759	7:00p-10:00p	M	Holder V	SAC C-202	Full Semester
73692	7:00p-10:00p	Tu	Dowlatshahi K	SAC C-202	Full Semester

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**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.

74492	11:00a-12:25p	MW	Moldoveanu M	SAC C-202	Full Semester
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**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. Speech Communication 097 recommended for non-native speakers.*

73807	8:00a-9:25a	MW	Brown L	SAC C-213	Full Semester
73796	8:00a-9:25a	TuTh	Brown L	SAC C-214	Full Semester
73809	9:30a-10:55a	MW	Brown L	SAC C-213	Full Semester
73994	9:30a-10:55a	MW	Harris M	SAC C-207	Full Semester
73808	9:30a-10:55a	TuTh	Brown L	SAC C-214	Full Semester
74012	9:30a-10:55a	TuTh	Morris M	SAC C-202	Full Semester
73810	11:00a-12:25p	MW	Brown L	SAC C-213	Full Semester
74551	11:00a-12:25p	TuTh	Fondren S	SAC I-103	Full Semester

Section 74551 is linked to Counseling N45, Orientation to College, Section 75905, and Counseling 107, The Freshman Experience, Section 72153. Enrollment in all sections is mandatory.

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

74016	12:30p-3:35p	MW	Morris M	SAC C-213	08/26-10/16
73815	2:00p-5:05p	MW	Fondren S	SAC I-103	08/26-10/16
73812	2:00p-4:55p	Tu	Dowlatshahi K	SAC A-205	Full Semester
74008	4:00p-6:55p	Tu	Holder V	SAC C-202	Full Semester
74019	5:00p-6:25p	MW	Pierce C	SAC C-214	Full Semester
73819	6:00p-9:05p	MW	Fondren S	SAC I-103	10/21-12/11

**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.*

74036	6:00p-9:00p	W	Holder V	SAC C-202	Full Semester
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**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.*

74190	6:30a-7:55a	MW	Lockwood L	SAC C-214	Full Semester
74194	8:00a-9:25a	MW	Lockwood L	SAC C-214	Full Semester
74195	9:30a-10:55a	MW	Lockwood L	SAC C-214	Full Semester
74467	12:30p-1:55p	MW	Lockwood L	SAC C-214	Full Semester
74471	7:00p-10:00p	W	Pierce C	SAC C-213	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.*

74483	11:00a-12:25p	TuTh	Staff	SAC C-214	Full Semester
74474	6:00p-9:05p	MW	Fondren S	SAC I-103	08/26-10/16

**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.*

74485	7:00p-10:00p	Tu	Holder V	SAC C-214	Full Semester
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**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.*

74489	3:30p-4:50p	MW	Morris M	SAC C-207	Full Semester
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# COMMUNICATIONS & MEDIA STUDIES

**ONLINE / NEW MEDIA / REPORTING**



**CMSD-111-Media, Race and Gender**

**CMSD-121-Writing & Reporting for Media**

**CMSD-123-News Media Production**

**CMSD-201-Visual Reporting**

**CMSD-222-Writing Across Media**

**COURSES FOR A MODERN WORLD**

**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: A high school or college GPA of 3.0 or above and a grade of C or better in a Communication Studies course numbered 101 or higher. A high school or college GPA of 3.0 or above and a grade of C or better in a Communication Studies course numbered 100 or higher.

74496	1:00p-4:10p	TuTh	Lockwood L	SAC C-213	08/27-10/17
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# 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.*

74466	11:00a-12:25p	TuTh	Little C	SAC C-207	Full Semester
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**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.*

74465	11:00a-12:25p	MW	Little C	SAC A-219	Full Semester
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**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.*

74468	12:30p-2:30p	MW	Little C	SAC C-207	Full Semester
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10 hours arranged each week

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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.*  
 74470 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: CMSD 123B with a minimum grade of C Or equivalent college media course  
 74472 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: CMSD 123C with a minimum grade of C  
 74473 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.*  
 74478 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: CMSD 121 with a minimum grade of C  
 74475 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 grade of C or better.  
 74479 12:30p-1:55p M W Little C SAC C-207 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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# COMPUTER SCIENCE

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

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

**Software Utilized: MS Office 2010**

72815	7:50a-10:55a	Tu Th	Nichols B	SAC A-213	10/22-12/12
72827	8:30a-9:55a	Tu Th	Hester J	SAC A-215	Full Semester
72811	10:30a-11:55a	M W	Harding G	SAC A-208	Full Semester
72812	12:00p-1:25p	M W	Harding G	SAC A-208	Full Semester
72830	12:00p-3:05p	M W	Nichols B	SAC A-213	10/21-12/11
72837			Harding G	SAC WEB	Full Semester

Section 72837 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

72806	4:00p-6:55p	Tu	Dahlen N	SAC A-206	Full Semester
72807	4:00p-6:55p	W	Dahlen N	SAC A-206	Full Semester
72820	7:00p-10:10p	Th	Lamb J	SAC A-208	Full Semester

**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

74209 Kushida C SAC A-108 08/19-12/15  
 Section 74209 Email instructor before the first week of class. ([kushida\\_cherylee@sac.edu](mailto: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**

72828	10:30a-11:55a	M W	Hester J	SAC A-215	Full Semester
72808	7:00p-10:10p	Tu	Dahlen N	SAC A-206	Full Semester
72809	7:00p-10:10p	W	Dahlen N	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**

72814	2:00p-3:25p	Tu Th	Harding G	SAC A-208	Full Semester
72822	7:00p-10:10p	Tu	Huynh D	SAC A-213	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.

72833	8:30a-10:00a	M W	Hester J	SAC A-215	Full Semester
	10:00a-10:25a	M W	Hester J	SAC A-215	
72834	10:00a-11:30a	Tu Th	Hester J	SAC A-215	Full Semester
	11:30a-11:55a	Tu Th	Hester J	SAC A-215	
72805	6:00p-9:10p	M	Dahlen N	SAC A-206	Full Semester
	9:20p-10:10p	M	Dahlen N	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.

**Software Utilized: MS Visual C++ .NET**

72835	6:00p-9:10p	W	Hester J	SAC A-215	Full Semester
	9:20p-10:10p	W	Hester J	SAC A-215	

**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.*

72810 7:00p-10:10p Th Quach N SAC A-206 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: CMPR 120 with a minimum grade of C

**Software Utilized: Java 2 SDK**

72803	6:00p-10:10p	M	Hester J	SAC A-215	Full Semester
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**Can't find the class you need?**

**It may be waiting for you at  
Santiago Canyon College!**

**View SCC's class schedule at  
[www.sccollege.edu/schedule](http://www.sccollege.edu/schedule)**

**Hurry! Class sizes are limited.**

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-225.

#### 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*

73852 7:00p-10:10p W Moritsugu S SAC A-208 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**

72824 7:00p-10:10p Tu 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**

72826 7:00p-10:10p Th Habicht G 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.*

72804 7:00p-10:10p Tu Yaqub M SAC A-108 Full Semester

#### COMPUTER SCIENCE 207A, INTRODUCTION TO BUSINESS INTELLIGENCE 3.0 UNITS

*Understanding Business Intelligence from user, DBA and developer perspectives. Overview of the main components that comprise the Business Intelligence Application. Practical Business Solutions using Microsoft and MicroStrategy*

Prerequisite: Students must be familiar with basic Data Base and Spread Sheet software. Recommended course work would include courses in Access and Excel or the Business 150 course.

72823 7:00p-10:10p Th Huynh D 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).*

72825 7:00p-10:10p Tu Ahmed A SAC A-215 Full Semester

## COUNSELING

#### COUNSELING 021, MATH STUDY STRATEGIES 1.0 UNIT

*This course is designed to give intensive assistance to students in the areas of solving word problems, group study skills, test-taking strategies, note taking and time management. Topics also include learning styles, active listening and overcoming barriers to math comprehension.*

75670 12:30p-1:20p M Shaffer C SAC I-108 Full Semester

STEM-Section 75670 is linked with Math 160, Trigonometry, Section 74460, and Counseling 100, Lifelong Understanding and Self Development, Section 74381. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

## FIRST CLASS MEETING

Make sure you attend the first class meeting!

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

#### 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.*

75903 8:30a-12:00p Tu Palomares E SAC A-214 08/13-08/13  
1:00p-5:30p Tu Palomares E SAC A-214

Fast Track to Success Section 75903 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 73502, Math 060, Elementary Algebra, Section 74288, and Math 080, Intermediate Algebra, Section 74302. Enrollment in all sections is mandatory.

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

75902 8:30a-12:00p Tu Bautista S SAC A-130 08/13-08/13

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

75904 8:30a-12:00p Tu Sanabria R SAC A-208 08/13-08/13

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

Section 75904 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 72156, and English 061, Introduction to Composition, Section 73610. Enrollment in all sections is mandatory. See Freshman Experience Program page for more information.

75901 8:30a-12:00p Tu Vargas M SAC A-210 08/13-08/13

1:00p-5:30p Tu Vargas M SAC A-210

75905 8:30a-12:00p Tu Zook R SAC A-128 08/13-08/13

1:00p-5:30p Tu Zook R SAC A-128

U-LINK-Section 75905 is linked to Counseling 107, The Freshman Experience, Section

72153, and Communication Studies 101, Introduction to Interpersonal Communications,

Section 74551. Enrollment in all sections is mandatory.

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

76685 8:30a-12:00p Tu Palomares E SAC A-214 08/13-08/13

1:00p-5:30p Tu Palomares E SAC A-214

Fast Track to Success Section 76685 is linked to Counseling 100, Lifelong Understanding

and Self Development, Section 75353, Math 060, Elementary Algebra, Section 74189, and

Math 080, Intermediate Algebra, Section 74854. Enrollment in all sections is mandatory.

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

76697 8:30a-12:00p Tu Zook R SAC A-128 08/13-08/13

1:00p-5:30p Tu Zook R SAC A-128

U-LINK-Section 76697 is linked to Counseling 107, The Freshman Experience, Section

72155, and Chicano Studies 101, Introduction to Chicano Studies, Section 72936.

Enrollment in all sections is mandatory.

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

75888 8:30a-12:00p Tu Castellanos M SAC A-206 08/13-08/13

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

77027 8:30a-12:00p Tu Zook R SAC A-128 08/13-08/13

1:00p-5:30p Tu Staff SAC A-128

U-LINK Section 77027 is linked to Counseling 111, Learning Skills Development,

Section 75736, and Earth Science 110, Introduction to Earth Science, Section 74358.

Enrollment in all sections is mandatory.

See Learning Communities II Program page in the schedule for more information.

75906 8:30a-12:00p Th Vargas M SAC A-210 08/15-08/15

1:00p-5:30p Th Vargas M SAC A-210

75909 8:30a-12:00p Th Shaffer C SAC A-214 08/15-08/15

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

75911 8:30a-12:00p Th Campos J SAC A-128 08/15-08/15

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

75910 8:30a-12:00p Th Nguyen M SAC A-208 08/15-08/15

1:00p-5:30p Th Nguyen M SAC A-208

75908 8:30a-12:00p Th Robledo R SAC A-130 08/15-08/15

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

75907 8:30a-12:00p Th Castellanos M SAC A-206 08/15-08/15

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

#### 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.*

74381 1:30p-2:30p M W Shaffer C SAC I-108 Full Semester

STEM-Section 74381 is linked to Math 160, Trigonometry Section 74460, and Counseling

021, Math Study Strategies, Section 75670. Enrollment in all sections is mandatory.

See Learning Communities II Program page in the class schedule for more information.

72152 8:30a-10:35a Tu Castellanos M SAC V-150 Full Semester

75711 9:00p-11:05p W Palomares E SAC I-209 Full Semester

Fast Track to Success-Section 75711 is linked to Math 060, Elementary Algebra, Section

74291, and Math 080, Intermediate Algebra, Section 74305. Enrollment in all sections is

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

73502 10:45a-12:50p W Palomares E SAC I-209 Full Semester

Fast Track to Success-Section 73502 is linked to Counseling N45, Orientation to College,

Section 75903, Math 060, Elementary Algebra, Section 74288, and Math 080, Intermediate

Algebra, Section 74302. Enrollment in all sections is mandatory. E-mail counselor for more

information ([palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu)).

75353 12:15p-2:20p Th Staff SAC F-103 Full Semester

Fast Track to Success-Section 75353 is linked to Counseling N45, Orientation to College,

Section 76685, Math 060, Elementary Algebra, Section 74189, and Math 080, Intermediate

Algebra, Section 74854. Enrollment in all sections is mandatory. E-mail counselor for more

information ([palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu)).

72151 7:00p-9:05p Tu Castellanos M SAC I-108 Full Semester



## COUNSELING COURSES

**By enrolling in a counseling class you'll learn:**

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

### Counseling 100

#### Lifelong Understanding and Self Development

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

### Counseling 116

#### Career/Life Planning and Personal Exploration

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

#### Online Sections

**8 Week course:** Students must attend one of the following class orientations: Wed. 8/28 or Thur. 8/29, 7:00-8:30pm, SAC L-225. For additional information, or if you wish to add the course after 8/26, email the instructor ([sadler\\_dennis@sac.edu](mailto:sadler_dennis@sac.edu))

**Full Semester courses:** Students must attend one of the following class orientations: Tue. 8/27 or 9/3, 12:00-1:30pm or 7:00-8:30pm, SAC L-225. For additional information, or if you wish to add the course after 8/26, email the instructor ([sadler\\_dennis@sac.edu](mailto:sadler_dennis@sac.edu))

#### Hybrid Sections

**Full Semester courses:** Online instruction plus on campus meetings every Mon. 6:00-7:30PM, L-225. For additional information, or if you wish to add the course after 8/26, email the instructor ([sadler\\_dennis@sac.edu](mailto:sadler_dennis@sac.edu))

Online instruction plus on campus meetings every Mon. 6:00-7:30pm, I-108. For additional information, or if you wish to add the course after 8/26, email the instructor ([nguyen\\_van@sac.edu](mailto:nguyen_van@sac.edu))

### 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.*

72168	9:00a-12:10p	F	Aguilar Beltran M	SAC I-209	Full Semester
72169	12:35p-2:00p	Tu Th	Aguilar Beltran M	SAC I-101	Full Semester

Section 72169 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.)*

72172	4:45p-6:50p	Th	Campos J	SAC I-108	08/29-10/17
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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.

#### PUENTE

The Puente Program provides students with English instruction (English 061 & English 101), academic counseling, a variety of out of class activities, and mentoring.

#### 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

### 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**

	72640	Sadler D	SAC WEB	08/26-10/18
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Section 72640 Students must attend one of the following class orientations: Wed. 8/28 or Thur. 8/29, 7:00-8:30PM, SAC L-225. Students are required to logon to Blackboard on the first day of classes, Mon. 8/26: <http://rsccd.blackboard.com>. For additional information, or if you wish to add the course after 8/26, email the instructor ([sadler\\_dennis@sac.edu](mailto:sadler_dennis@sac.edu))

	72641	Sadler D	SAC WEB	Full Semester
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Section 72641 Students must attend one of the following class orientations: Tue. 8/27 or 9/3, 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. 8/26: <http://rsccd.blackboard.com>. For additional information, or if you wish to add the course after 8/26, email the instructor ([sadler\\_dennis@sac.edu](mailto:sadler_dennis@sac.edu))

	72642	Sadler D	SAC WEB	Full Semester
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Section 72642 Students must attend one of the following class orientations: Tue. 8/27 or 9/3, 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. 8/26: <http://rsccd.blackboard.com>. For additional information, or if you wish to add the course after 8/26, email the instructor ([sadler\\_dennis@sac.edu](mailto:sadler_dennis@sac.edu))

	72643	Sadler D	SAC WEB	Full Semester
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Section 72643 Students must attend one of the following class orientations: Tue. 8/27 or 9/3, 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. 8/26: <http://rsccd.blackboard.com>. For additional information, or if you wish to add the course after 8/26, email the instructor ([sadler\\_dennis@sac.edu](mailto:sadler_dennis@sac.edu))

## Academic Planning Questions?

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



# 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 952 hrs–19.8 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. 384 hr

## Modular Academy

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

Call CJA – 714-566-9200

- Module III–176 hours
- Module II–216 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
- 11550 H&S–24 hr
- Homicide–40 hr
- Child Abuse 1st Responder–8 hr
- Narcotics Investigation–80 hr
- Narcotic Search Warrants–8 hr
- Narcotics Update–4 hr
- Occult Crimes–8 hr
- Sex Crimes–4 hr
- Use of Informants–4 hr
- Undercover Operations–8 hr

## Advanced Officer Training

Prerequisite: California POST Certified Peace officer

Call CJA – 714-566-9200

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

## Driving Simulator

Prerequisite: 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

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



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## CRIMINAL JUSTICE 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.

73053	6:00p-8:00p	Tu Th	Sneddon M	CJTC-SD	11/05-12/03
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wear physical training gear to classes

### 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 agility, and training academy requirements.

73055	6:00p-10:00p	Tu Th	Staff	CJTC-SD	10/08-11/02
	8:00a-12:00p	Sa	Staff	CJTC-SD	

### 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

73052	7:00a-4:00p	Sa	Staff	CJTC-SD	09/07-09/14
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Wear physical training gear to classes

73310	7:00a-4:00p	Sa	Staff	CJTC-SD	11/16-11/23
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Wear physical training gear

## 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.

Prerequisite: Concurrent enrollment in a dance class.

Open Entry / Open Exit

74293	TBA		Gillette H	SAC G-108	Full Semester
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### 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 hour earns 0.5 unit. Requires concurrent enrollment in a dance course.

Prerequisite: Concurrent enrollment in a dance class.

Open Entry / Open Exit

74294	TBA		Kikawa E	SAC G-108	Full Semester
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### 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 21th century. Emphasizes the contemporary dance heritage of the United States.

74295	11:30a-12:55p	Tu Th	Westergard-Dobson C	SAC A-210	Full Semester
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74298	6:30p-9:40p	Tu	Westergard-Dobson C	SAC A-130	Full Semester
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### 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.

74965	7:30a-8:20p	MW	Garcia R	SAC G-108	Full Semester
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	8:30p-8:55a	MW	Garcia R	SAC G-108	
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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.

74304	9:30a-10:55a	Tu Th	Kikawa E	SAC A-210	Full Semester
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### 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.

74312	2:15p-3:05p	F	Gillette H	SAC G-108	Full Semester
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	3:05p-4:00p	F	Gillette H	SAC G-108	
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Audition Required: Thurs. Aug. 29 1:00pm OR 5:00pm G-108. 1.5 hours arranged each week.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## DANCE AUDITIONS

### Dance Production

Dance 107, 205, 240AB

25-30 dancers are needed.

Auditions for the Dance Concert:

Thursday, August 29, 2013

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 Eve Kikawa, Dance Department chair at [kikawa\\_eve@sac.edu](mailto:kikawa_eve@sac.edu).

### 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.

74315	8:00a-8:55a	Tu	Perez M	SAC G-108	Full Semester
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	8:00a-8:55a	Th	Perez M	SAC G-108	
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74316	5:00p-5:55p	M	Westergard-Dobson C	SAC G-108	Full Semester
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	5:00p-5:55p	W	Westergard-Dobson C	SAC G-108	
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### 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.

74327	9:00a-10:30a	MW	Garcia R	SAC G-108	Full Semester
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	10:30a-10:55a	MW	Garcia R	SAC G-108	
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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.

74331	9:00a-9:50a	Tu	Perez M	SAC G-108	Full Semester
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	10:00a-10:55a	Tu	Perez M	SAC G-108	
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	9:00a-10:55a	Th		SAC G-108	
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74332	9:00a-10:30a	MW	Garcia R	SAC G-108	Full Semester
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	10:30a-10:55a	MW	Garcia R	SAC G-108	
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### 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.

74335	1:00p-2:55p	Tu	Kikawa E	SAC G-108	Full Semester
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	1:00p-3:50p	Th	Kikawa E	SAC G-108	
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### 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.

74337	1:00p-2:55p	Tu	Kikawa E	SAC G-108	Full Semester
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	1:00p-3:50p	Th	Kikawa E	SAC G-108	
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### 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.

74340	2:15p-3:05p	F	Gillette H	SAC G-108	Full Semester
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	3:10p-6:15p	W	Gillette H	SAC G-108	
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Audition Required. Thurs. Aug. 29 at 1:00pm OR 5:00pm, 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.

74351	11:00a-11:55a	M	Gillette H	SAC G-108	Full Semester
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	12:00p-12:55p	M	Gillette H	SAC G-108	
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	11:00a-12:55p	W		SAC G-108	
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>DANCE 206B, MODERN DANCE II</b> <span style="float: right;"><b>2.0 UNITS</b></span>					
<i>Continued study in modern dance emphasizing movement technique, dance vocabulary and creative individual expression. Includes an introduction to choreographic principles and cultural context of modern dance. Video, concerts and master classes enrich the course. Dance 206B is a continuation and refinement of work begun during Dance 206A.</i>					
Prerequisite: Dance 206A or Audition.					
74353	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
	11:00a-12:55p	Th		SAC G-108	
<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>					
74437	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
	11:00a-12:55p	Th		SAC G-108	
<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. May be repeated.</i>					
74385	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	SAC G-108	
	11:00a-12:55p	Th		SAC G-108	
<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>					
74392	9:00a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	Tu	Perez M	SAC G-108	
	9:00a-10:55a	Th		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>					
74393	9:00a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	Tu	Perez M	SAC G-108	
	9:00a-10:55a	Th		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>					
74395	1:00p-2:00p	M	Gillette H	SAC G-108	Full Semester
	2:00p-3:00p	M	Gillette H	SAC G-108	
	1:00p-3:00p	W		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>					
74396	1:00p-1:55p	M	Gillette H	SAC G-108	Full Semester
	2:00p-2:55p	M	Gillette H	SAC G-108	
	1:00p-2:55p	W		SAC G-108	
74398	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	SAC G-108	
	5:00p-6:55p	Th		SAC G-108	
<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>					
74401	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	SAC G-108	
	5:00p-6:55p	Th		SAC G-108	
<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>					
74403	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	Tu	Jensen K	SAC G-108	
	5:00p-6:55p	Th		SAC G-108	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<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.					
74406	3:15p-4:05p	W	Kikawa E	SAC W-107	Full Semester
	4:15p-5:15p	W	Kikawa E	SAC W-107	
	3:15p-5:15p	F		SAC W-107	
<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.					
74408	3:15p-4:05p	W	Kikawa E	SAC W-107	Full Semester
	4:15p-5:15p	W	Kikawa E	SAC W-107	
	3:15p-5:15p	F		SAC W-107	
<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>					
74317	7:00p-7:55p	Tu	Jensen K	SAC G-108	Full Semester
	8:00p-8:55p	Tu	Jensen K	SAC G-108	
	7:00p-8:55p	Th		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>					
74409	11:00a-11:55a	Tu	Gillette H	SAC G-108	Full Semester
	12:00p-12:55p	Tu	Gillette H	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>					
74412	5:00p-5:55p	Tu	Jensen K	SAC G-108	Full Semester
	6:00p-6:55p	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.					
74416	9:00a-9:55a	Tu	Perez M	SAC G-108	Full Semester
	10:00a-10:55a	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>					
75566	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
75573	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester
<b>DIESEL 021, MID-RANGE DIESEL ENGINE SERVICE</b> <span style="float: right;"><b>4.5 UNITS</b></span>					
<i>Troubleshooting and service and repair techniques for medium-duty diesel engines and fuel systems. Students must furnish own safety equipment.</i>					
73439	8:00a-12:05p	M W	Hogue T	SAC J-101	Full Semester
<b>DIESEL 032, DIESEL FUEL INJECTION SYSTEMS SERVICE</b> <span style="float: right;"><b>5.0 UNITS</b></span>					
<i>Theory, testing, and service of mechanical and electronic diesel fuel injection systems. Engine tune-up and troubleshooting techniques on current production heavy-duty diesel engines. Students must furnish safety equipment and protective clothing.</i>					
73367	6:00p-10:40p	Tu Th	Hogue T	SAC J-101	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>					
74345	8:00a-9:25a	Tu Th	Coyne C	SAC R-124	Full Semester
74347	9:00a-12:10p	F	Eastmond D	SAC R-126	Full Semester
74352	9:00a-12:10p	Sa	Greenwood R	SAC R-111	Full Semester
74354	1:15p-2:40p	M W	Eastmond D	SAC R-111	Full Semester
74358	1:15p-2:40p	Tu Th	Coyne C	SAC I-104	Full Semester
Section 74358 is linked to Counseling 111, Learning Skills Development, Section 75736 and Counseling N45, Orientation to College, Section 77027. Enrollment in all sections is mandatory. See Learning Communities II Program page in the schedule for more information.					
74350	7:00p-10:10p	W	Greenwood R	SAC R-318	Full Semester



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>EARTH SCIENCE 150, INTRODUCTION TO OCEANOGRAPHY</b> <b>3.0 UNITS</b>					
<i>Introductory study of the ocean and its topography, sediments, circulation, shoreline processes, biological productivity and mineral resources. (Same as Geology 150.)</i>					
74410	11:30a-12:55p	M W	Hughes P	SAC R-111	Full Semester

## ECONOMICS

<b>ECONOMICS 120, PRINCIPLES/MACRO</b> <b>3.0 UNITS</b>					
<i>Introduction to macroeconomics, including basic economic concepts, analysis of markets, national income accounting, employment, short run business cycle fluctuations, long run growth trends, monetary and fiscal policies, and international economic issues. Intended for economics, business, and certain engineering/computer science majors. Mathematics 060 or Mathematics 061 are recommended.</i>					

	73002		Ho L	SAC HYBRID	Full Semester
	10:00a-11:30a	Sa	Ho L	SAC A-211	
Section 73002 online instruction plus mandatory on campus meetings: 8/31, 11/9, 12/7 from 10:00am-11:30am in SAC A-211. 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> . Email instructor first week of class: ( <a href="mailto:ho_lac@sac.edu">ho_lac@sac.edu</a> ).					
	72996	8:00a-9:25a	M W	Montes A	SAC D-209 Full Semester
	73000	9:45a-11:10a	M W	Montes A	SAC D-209 Full Semester
	72997	9:45a-11:10a	Tu Th	Montes A	SAC D-209 Full Semester
	72999	11:30a-12:55p	Tu Th	Montes A	SAC D-209 Full Semester
	74424	7:00p-10:10p	Tu Th	Meister D	SAC I-107 08/27-10/17
Section 74424 is an Express to Success course. Recommend enrollment in second eight weeks in section 74428. See the Express to Success program page in the class schedule for more information.					
	73004	7:00p-10:10p	Th	Montes A	SAC D-209 Full Semester

<b>ECONOMICS 121, PRINCIPLES/MICRO</b> <b>3.0 UNITS</b>					
<i>Introduction to microeconomics, including basic economic concepts, analysis of markets, efficiency consumer and firm behavior, industry structures, market failure, and resource markets. For economics, business, and certain engineering and computer science majors. Mathematics 060 or Mathematics 061 are recommended.</i>					



	73005	11:40a-1:10p	Sa	Ho L	SAC HYBRID Full Semester
				Ho L	SAC A-211
Section 73005 online instruction plus mandatory on campus meetings: 8/31, 11/9, 12/7 from 11:40am-1:10pm in SAC A-211. 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> . Email instructor first week of class: ( <a href="mailto:ho_lac@sac.edu">ho_lac@sac.edu</a> ).					
	73006	8:00a-9:25a	Tu Th	Montes A	SAC D-209 Full Semester
	73007	11:30a-12:55p	M W	Montes A	SAC D-209 Full Semester
	74428	7:00p-10:20p	Tu Th	Meister D	SAC I-107 10/22-12/12
Section 74428 is an Express to Success course. Recommend enrollment in first eight weeks in section 74424. See the Express to Success program page in the class schedule for more information.					
	74394	7:00p-10:10p	Tu	Amirfathi P	SAC D-202 Full Semester

## EDUCATION



<b>EDUCATION 100, INTRODUCTION TO EDUCATION</b> <b>3.0 UNITS</b>					
<i>Introduction to the field of education including historical and philosophical perspectives; school governance and funding; societal influences and student diversity; school curriculum standards; professional standards and teaching performance expectations. Students will independently complete 32-48 hours of Service Learning (structured observation and internship) in local elementary schools during the semester.</i>					

	73945	1:00p-2:25p	Tu Th	Naman T	SAC H-207 Full Semester
	73944	6:00p-9:10p	M	Silverman L	SAC H-201 Full Semester

<b>EDUCATION 204, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR SECONDARY TEACHERS</b> <b>3.0 UNITS</b>					
<i>Development of personal proficiency in educational technology to facilitate the teaching process. Training in computer hardware and software terminology; spreadsheets, word processing, publication, and presentation applications; Internet search and retrieval; information literacy; electronic communication and awareness of legal and ethical issues.</i>					

	73946	7:30p-10:30p	W	Naman T	SAC HYBRID Full Semester
				Naman T	SAC T-203-1
Section 73946 combines online instruction plus mandatory on-campus meetings on Wednesdays 08/28, 09/04 and then every other Wednesday from 7:30pm-10:30pm in SAC T-203-1. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class ( <a href="mailto:naman_trudy@sac.edu">naman_trudy@sac.edu</a> ).					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>EDUCATION 205, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGY FOR ELEMENTARY TEACHERS</b> <b>3.0 UNITS</b>					
<i>Development of proficiency in educational technology to facilitate the teaching process. Training in computer hardware and software terminology; spreadsheet, word processing, publication, and presentation applications; Internet search and retrieval; information literacy; electronic communication and awareness of legal and ethical issues.</i>					

	73947	7:30p-10:30p	W	Naman T	SAC HYBRID Full Semester
				Naman T	SAC T-203-1
Section 73947 combines online instruction plus mandatory on-campus meetings on Wednesdays 08/28, 09/04 and then every other Wednesday from 7:30pm-10:30pm in SAC T-203-1. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class ( <a href="mailto:naman_trudy@sac.edu">naman_trudy@sac.edu</a> ).					

## EMERGENCY MEDICAL TECHNICIAN


<b>EMERGENCY MEDICAL TECHNICIAN 101, EMERGENCY MEDICAL TECHNICIAN</b> <b>7.0 UNITS</b>					
<i>Basic course for EMT. Satisfies requirements for County/State EMS Authority. Prepares student to take O.C.E.M.S./National Registry certifying exam for state certification.</i>					
Prerequisite: Concurrent enrollment in EMT 105. American Heart Association CPR Healthcare Provider Card.					

	72884	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 section EMT-101 in #72884 must also register for EMT-198 in section #76811 and EMT-105 in either section.					
	72886	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 in EMT-101 in #72886 must also register for EMT-198 in section #76812 and EMT-105 in either section.					

<b>EMERGENCY MEDICAL TECHNICIAN 105, CLINICAL EMT SKILLS LABORATORY</b> <b>1.0 UNIT</b>					
<i>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.</i>					
Prerequisite: Concurrent enrollment in EMT 101					
Open Entry / Open Exit					

	72887	TBA	F	Dethlefsen E	SAC R-203 11/08-12/13
48 hours to be arranged. EMT students must register for EMT-101, EMT-105, and EMT-198.					
	72888	TBA	F	Dethlefsen E	SAC R-203 11/08-12/13
48 hours to be arranged. EMT students must register for EMT-101, EMT-105, and EMT-198.					


<b>EMERGENCY MEDICAL TECHNICIAN 111, RECERTIFICATION FOR EMT I-BASIC</b> <b>2.0 UNITS</b>					
<i>Update emergency medical techniques, equipment, and EMSA policies. Meets state requirements for EMT-1 Basic recertification.</i>					
Prerequisite: Valid EMT I (Basic) certificate or equivalent within past two years. Valid CPR card: Health Care Provider					

	72889	8:30a-12:30p	F Sa	Dethlefsen E	SAC R-307 10/11-10/19
		1:00p-5:00p	F Sa	Dethlefsen E	SAC R-307
A current American Heart Association CPR card for HEALTH CARE PROVIDER is required to be shown the first day of class for ALL EMT re-certification students.					

<b>EMERGENCY MEDICAL TECHNICIAN 198, EMT TRANSITION SERIES</b> <b>2.0 UNITS</b>					
<i>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.</i>					
	76811	12:50p-1:55p	M W	Alongi A	SAC R-307 Full Semester
Students resgistering in EMT-198 in #76811 must also register for EMT-101 in section #72884 and EMT-105 in either section.					
	76812	12:50p-1:55p	Tu Th	Alongi A	SAC R-307 Full Semester
Students registering in EMT-198 in #76812 must also register for EMT-101 in section #72886 and EMT-105 in either section.					

## ENGINEERING

<b>ENGINEERING 011, BASIC MECHANICAL BLUEPRINT READING</b> <b>2.0 UNITS</b>					
<i>Reading and interpreting blueprints for manufacturing technologies. (Same as Manufacturing Technology 011)</i>					

	73905	5:00p-7:05p	F	Zonin A	SAC A-130 Full Semester
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<b>ENGINEERING 012, AEC BLUEPRINT READING</b> <b>3.0 UNITS</b>					
<i>Reading and interpreting blueprints for Architecture, Civil Engineering, Construction, (AEC). Information in this course provides preparation for more advanced AEC coursework. Recommended for students with no prior course(s) in blueprint reading.</i>					
	73504	9:00a-12:00p	Tu	Fonseca J	SAC A-216 Full Semester

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>ENGINEERING 100A, INTRODUCTION TO ENGINEERING 2.0 UNITS</b>					
<i>Introduction to major fields of Engineering (including mechanical, electrical, industrial, biomedical, aerospace, and others.) Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, projects, and guest speakers.</i>					
73529	1:00p-3:10p	Th	Takahashi C	SAC A-214	Full Semester
73533	4:00p-5:55p	M	Takahashi C	SAC A-214	Full Semester
<b>ENGINEERING 100B, INTRODUCTION TO ARCHITECTURE/CIVIL ENGINEERING / CONSTRUCTION (AEC) 2.0 UNITS</b>					
<i>Introduction to the Architectural, Civil Engineering, Construction (AEC) fields. Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, and guest speakers.</i>					
73536			Sherod S	SAC WEB	Full Semester
Section 73536 online instruction plus mandatory on-campus orientation meeting Tues. 8/27, 4:00p-4:55p, SAC A-216. 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>ENGINEERING 103, SOLIDWORKS BASIC SOLID MODELING 3.0 UNITS</b>					
<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 Manufacturing Technology 103.) Suggested Preparation: Engineering 011.</i>					
73928	7:00p-10:10p	Tu	Corley G	SAC T-203	Full Semester
<b>ENGINEERING 105, SOLIDWORKS ADVANCED SOLID MODELING 3.0 UNITS</b>					
<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 Manufacturing Technology 105.)</i>					
Prerequisite: Engineering 104.					
73932	7:00p-10:10p	Th	Cole J	SAC T-203	Full Semester
<b>ENGINEERING 110, ADVANCED CAD APPLICATIONS 0.5 - 4.0 UNITS</b>					
<i>Individual skill development for advanced students desiring to learn special applications using college licensed computer drafting and design software. Each 0.5 unit of credit requires 24 laboratory hours. Suggested preparation: Engineering 184.</i>					
Open Entry / Open Exit					
73543			Staff	SAC WEB	Full Semester
Section 73543 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> .					
<b>ENGINEERING 112, SOCIETY AND THE BUILT ENVIRONMENT 3.0 UNITS</b>					
<i>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.</i>					
73550			Sherod S	SAC WEB	Full Semester
Section 73550 online instruction plus mandatory on-campus orientation meeting Tues. 8/27, 4:00p-4:55p, SAC A-216. 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>ENGINEERING 118, PLANE SURVEYING 4.0 UNITS</b>					
<i>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.</i>					
73552	6:00p-9:10p	M	Gallegos H	SAC HYBRID	Full Semester
Section 73552 online instruction combines mandatory on-campus meetings every Mon. 6:00p- 9:10p, SAC A-225.					
<b>ENGINEERING 119, ADVANCED PLANE SURVEYING 4.0 UNITS</b>					
<i>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.</i>					
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.					
73558	6:00p-9:10p	M	Gallegos H	SAC HYBRID	Full Semester
Section 73558 online instruction combines mandatory on-campus meetings every Mon. 6:00p- 9:10p, SAC A-225.					
<b>ENGINEERING 122, ENGINEERING DRAWING 3.0 UNITS</b>					
<i>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).</i>					
73588	6:00p-10:10p	Th	Takahashi C	SAC HYBRID	Full Semester
Section 73588 online instruction combines mandatory on-campus meetings every Thur. 6:00p- 10:10p, SAC A-214					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>ENGINEERING 124, ADVANCED DRAWING 3.0 UNITS</b>					
<i>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.</i>					
73590	6:00p-10:10p	Th	Takahashi C	SAC HYBRID	Full Semester
Section 73590 online instruction combines mandatory on-campus meetings every Thur. 6:00p- 10:10p, SAC A-214.					
<b>ENGINEERING 130A, CATIA SOLID MODELING I 3.0 UNITS</b>					
<i>Introductory course in parametric solid modeling CAD using CATIA software. Topics include: CAD overview, sketching, basic solid model creation (base features, extrudes, revolves, etc.) sketch constraints, reference elements, hole features, feature editing, assembly and drawing creation. (Same as Manufacturing Technology 130A).</i>					
<b>Software Utilized: CATIA V.5.R19</b>					
73591	12:15p-3:25p	Sa	Cole J	SAC HYBRID	Full Semester
Section 73591 online instruction combines mandatory on-campus meetings every Sat 12:15p-3:25p, SAC A-225.					
<b>ENGINEERING 130B, CATIA SOLID MODELING II 3.0 UNITS</b>					
<i>Intermediate course in parametric solid modeling CAD using CATIA software. Topics: intermediate/ advanced level sketching, modeling (ribs, slots, lofts), feature transformation, assemblies, drafting workbench, surface modeling, and other CATIA modules. Suggested preparation: Engineering 130A (Same as Manufacturing Technology 130B).</i>					
<b>Software Utilized: CATIA V.5.R19</b>					
73592	12:15p-3:25p	Sa	Cole J	SAC HYBRID	Full Semester
Section 73592 online instruction combines mandatory on-campus meetings every Sat 12:15p-3:25p, SAC A-225.					
<b>ENGINEERING 132, INTRODUCTION TO ROBOTICS 3.0 UNITS</b>					
<i>Introductory course in robotics. Topics include history of robotics, impact of robotics in modern engineering, industrial automation, emerging technologies, basic design, sensors, circuitry, actuators, mechanics, programming, and a hands-on robot design and construction project.</i>					
73695	6:00p-9:10p	M	Takahashi C	SAC HYBRID	Full Semester
Section 73695 online instruction combines mandatory on-campus meetings every Mon. 6:00p- 9:10p, SAC A-214.					
<b>ENGINEERING 140A, PROENGINEER SOLID MODELING I 3.0 UNITS</b>					
<i>Introductory course in parametric solid modeling CAD using ProEngineer software. Topics include sketches, sketch constraints, part modeling and editing, assemblies, drawing creation and views, dimensioning, and annotations.</i>					
<b>Software Utilized: Creo Parametric 1.0</b>					
73703	6:30p-9:40p	W	Rodriguez Ponce L	SAC A-216	Full Semester
Section 73703 online instruction combines mandatory on-campus meetings every Mon. 9:00a-11:10a, SAC A-216					
<b>ENGINEERING 140B, PROENGINEER SOLID MODELING II 3.0 UNITS</b>					
<i>Intermediate course in parametric solid modeling CAD using ProEngineer software. Topics intermediate level sketching, part modeling and modification, assemblies, drawing, surface modeling, and other ProE modules. Suggested preparation - Engineering 140A.</i>					
<b>Software Utilized: Creo Parametric 1.0</b>					
73710	6:30p-9:40p	W	Rodriguez Ponce L	SAC A-216	Full Semester
Section 73710 online instruction combines mandatory on-campus meetings every Mon. 9:00a-11:10a, SAC A-216					
<b>ENGINEERING 142, ARCHITECTURE/CIVIL ENGINEERING/CONSTRUCTION (AEC) DRAFTING STANDARDS 4.0 UNITS</b>					
<i>Basic AEC graphic standards using computer drafting. Topics include ecological terms and concepts, plans, elevations, sections, schedules, structures, abbreviations, lettering, symbols and linetypes. Recommended preparation Engineering 012 and 184.</i>					
Prerequisite: Engineering 183.					
73711	5:00p-9:10p	Tu	Sherod S	SAC HYBRID	Full Semester
Section 73711 online instruction combines mandatory on-campus meetings every Tues. 5:00p- 9:10p, SAC A-216.					
<b>ENGINEERING 154, ARCHITECTURE/CIVIL ENGINEERING /CONSTRUCTION (AEC) PARAMETRIC AND BIM APPLICATIONS 4.0 UNITS</b>					
<i>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.</i>					
<b>Software Utilized: REVIT</b>					
73838	5:00p-9:10p	Tu	Sherod S	SAC HYBRID	Full Semester
Section 73838 online instruction combines mandatory on-campus meetings every Tues. 5:00p- 9:10p, SAC A-216.					
<b>ENGINEERING 165, INTRODUCTION TO ENERGY 3.0 UNITS</b>					
<i>Students will gain a broad understanding of energy concepts, efficiencies, conservation, distribution, careers and cost-benefit analysis of energy resource use. The study of both renewable and non-renewable energy will be included.</i>					
73839	7:00p-10:10p	W	Rodriguez Castillo M	SAC A-225	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

73840	7:00p-10:10p	W	Rodriguez Castillo M	SAC A-225	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 73842	6:00p-10:10p	Th	Galvez R	SAC HYBRID	Full Semester
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Section 73842 online instruction combines mandatory on-campus meetings every Thur. 6:00p- 10:10p, SAC A-216.

H 73843	8:00a-12:10p	Sa	Fonseca J	SAC HYBRID	Full Semester
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W			Fonseca J	SAC A-225	
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Section 73843 online instruction combines mandatory on-campus meetings every Sat. 8:00a- 12:10p, SAC A-225.

H 73841	10:00a-12:05p	M W	Sherod S	SAC HYBRID	Full Semester
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Section 73841 online instruction combines mandatory on-campus meetings every Mon. & Wed. 10:00a- 12:05p, 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 73844	8:00a-12:10p	Sa	Fonseca J	SAC HYBRID	Full Semester
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W			Fonseca J	SAC A-225	
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Section 73844 online instruction combines mandatory on-campus meetings every Sat. 8:00a- 12:10p, SAC A-225.

H 73845	10:00a-12:05p	M W	Sherod S	SAC HYBRID	Full Semester
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Section 73845 online instruction combines mandatory on-campus meetings every Mon. & Wed. 10:00a- 12:05p, SAC A-216.

H 73846	6:00p-10:10p	Th	Galvez R	SAC HYBRID	Full Semester
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Section 73846 online instruction combines mandatory on-campus meetings every Thur. 6:00p- 10:10p, SAC A-216.

**ENGINEERING 186, AUTOCAD 3-DIMENSIONAL DRAWING 3.0 UNITS**

Use of AutoCAD's 3-dimensional software. Includes 3-D models, extruding to 3-D, coordinate space, filter, and dynamic viewing. Recommended preparation: Engineering 184.

**Software Utilized: AutoCAD 2014**

H 73847	6:00p-10:10p	Tu	Staff	SAC HYBRID	Full Semester
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Section 73847 online instruction combines mandatory on-campus meetings every Tues. 6:00p- 10:10p, SAC A-214.

**ENGINEERING 187, ADVANCED 3-D AUTOCAD 3.0 UNITS**

Advanced use of AutoCAD's 3-Dimensional software. Includes: merging of models, advanced modeling, calculations, 3-dimensional rendering and presentation. Suggested preparation: Engineering 186.

**Software Utilized: AutoCAD 2014**

H 73848	6:00p-10:10p	Tu	Staff	SAC HYBRID	Full Semester
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Section 73848 online instruction combines mandatory on-campus meetings every Tues. 6:00p- 10:10p, SAC A-214.

**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 73849	6:00p-10:10p	M	Galvez R	SAC HYBRID	Full Semester
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Section 73849 online instruction combines mandatory on-campus meetings every Mon. 6:00p- 10:10p, SAC A-216.

**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 73850	6:00p-10:10p	M	Galvez R	SAC HYBRID	Full Semester
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Section 73850 online instruction combines mandatory on-campus meetings every Mon. 6:00p- 10:10p, SAC A-216.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**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 (both may be taken concurrently)

73851	3:00p-6:00p	W	Takahashi C	SAC A-214	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 Writing Center.

Prerequisite: Qualifying profile from English placement process.

W 77117	6:00p-10:05p	F	Staff	SAC I-104	08/30-10/05
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	9:00a-1:05p	Sa	Staff	SAC I-104	
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W 77120	6:00p-10:05p	F	Staff	SAC I-201	08/30-10/05
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	9:00a-1:05p	Sa	Staff	SAC I-201	
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W 77118	6:00p-10:05p	F	Staff	SAC I-107	08/30-10/05
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	9:00a-1:05p	Sa	Staff	SAC I-107	
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**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: Grade of C or better in English N50 or qualifying profile from English placement process.

73137	7:30a-9:35a	M W	Bassett D	SAC D-108	Full Semester
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73139	7:30a-9:35a	Tu Th	Staff	SAC D-109	Full Semester
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73147	8:00a-10:05a	M W	Staff	SAC I-109	Full Semester
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73148	8:00a-10:05a	M W	Staff	SAC D-208	Full Semester
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73141	8:00a-10:05a	Tu Th	Sosta R	SAC G-106	Full Semester
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Section 73141 is linked to Counseling 107, The Freshman Experience, Section 72161. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

73140	9:15a-11:20a	M W	Brandon K	SAC I-107	Full Semester
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73145	9:15a-11:20a	Tu Th	Brandon K	SAC A-206	Full Semester
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73144	9:45a-11:50a	Tu Th	Cons A	SAC D-107	Full Semester
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Section 73144 is linked to Counseling 107, The Freshman Experience, Section 72160. Enrollment in both sections is mandatory. See Freshman Experience page in the class schedule for more information.

73142	10:15a-12:20p	M W	Bassett D	SAC I-207	Full Semester
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Section 73142 is linked to Counseling 107, The Freshman Experience, Section 72159. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.

73146	11:15a-1:20p	Tu Th	Barraza G	SAC D-205	Full Semester
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73143	11:30a-1:35p	Tu Th	Beyersdorf M	SAC I-109	Full Semester
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73149	6:00p-10:15p	Tu	Hassel E	SAC D-108	Full Semester
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**ENGLISH 061, INTRODUCTION TO COMPOSITION 3.0 UNITS**

Expository paragraph writing emphasizing various methods including argumentation. Practice in refining sentence skills and grammar.

Prerequisite: Grade of C or better in English N60 or qualifying profile from English placement process.

H 73562	4:30p-6:50p	Th	Bennett G	SAC HYBRID	Full Semester
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			Bennett G	SAC I-104	
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Section 73562 combines online instruction with mandatory on-campus meetings Thursdays 8/29, 10/3, 11/7, 12/12 from 4:30-6:50pm in SAC I-104. Students are required to log on to Blackboard on the first day of class: <http://rsccd.blackboard.com>.

Email instructor first week of class ([bennett\\_gary@sac.edu](mailto:bennett_gary@sac.edu)).

73621	7:00a-9:05a	M W	Greenberg H	SAC I-107	Full Semester
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73553	7:00a-9:05a	M W	Mitzner R	SAC D-212	Full Semester
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73620	7:30a-9:35a	M W	Tran M	SAC D-107	Full Semester
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73609	7:30a-9:35a	Tu Th	Staff	SAC D-107	Full Semester
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73605	7:30a-9:35a	Tu Th	Rocke B	SAC D-103	Full Semester
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73990	9:00a-1:15p	Tu Th	Higgins M	SAC D-102	08/27-10/17
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Section 73990 is an Express to Success course. Recommend enrollment in second eight weeks in section 73993. See the Express to Success program page in the class schedule for more information.

73610	9:00a-11:05a	Tu Th	Martinez Guzman D	SAC I-107	Full Semester
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PUEENTE Section 73610 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 72156. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.

73606	9:00a-1:15p	F	Axtell C	SAC D-103	Full Semester
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73622	9:00a-1:15p	F	Keefer S	SAC D-108	Full Semester
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73982	9:00a-1:30p	M W	Ramshaw C	SAC I-104	08/26-10/16
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Section 73982 is an Express to Success course. Recommend enrollment in second eight weeks in section 73985. See the Express to Success program page in the class schedule for more information.

SECTION TIME DAYS INSTRUCTOR LOCATON / ROOM DATES



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

73608	9:30a-11:35a	Tu Th	Tran M	SAC D-212	Full Semester
Section 73608 is linked to Counseling 107, the Freshman Experience, Section 72162. Enrollment in both sections is mandatory. See the Freshman Experience page in the class schedule for more information.					
73618	9:45a-11:50a	M W	Martinez Guzman D	SAC D-103	Full Semester
73646	11:00a-1:05p	M W	Greenberg H	SAC D-201	Full Semester
Section 73646 is linked to Counseling 107, the Freshman Experience, Section 72164. Enrollment in both sections is mandatory. See the Freshman Experience program page in the class schedule for more information.					
73619	11:30a-1:35p	Tu Th	Dongell R	SAC A-213	Full Semester
73642	11:40a-3:55p	Tu Th	Tran M	SAC I-201	08/27-10/17
73639	11:45a-1:50p	Tu Th	Simmernan S	SAC D-212	Full Semester
73611	12:00p-2:05p	Tu Th	Carroll A	SAC D-213	Full Semester
Section 73611 is linked to Counseling 107, the Freshman Experience, Section 72163. Enrollment in both sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
73987	12:00p-4:30p	M W	Higgins M	SAC D-304	08/26-10/16
Section 73987 is an Express to Success course. Recommend enrollment in second eight weeks in section 73989. See the Express to Success program page in the class schedule for more information.					
73613	1:00p-3:05p	Tu Th	Brandon K	SAC D-201	Full Semester
73643	1:15p-3:20p	Tu Th	Sosta R	SAC D-208	Full Semester
73614	4:30p-6:35p	Tu Th	Cons A	SAC D-201	Full Semester
73615	6:00p-10:15p	Tu	Alexander A	SAC I-201	Full Semester
73645	6:00p-10:15p	Tu	Arnold G	SAC D-305	Full Semester
73616	6:00p-10:15p	Th	Alexander A	SAC D-204	Full Semester
73617	6:00p-10:15p	Th	Carey J	SAC D-108	Full Semester

**ENGLISH 101, FRESHMAN COMPOSITION 4.0 UNITS**

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

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

73748	3:00p-4:50p	M	Ramshaw C	SAC HYBRID	Full Semester
Section 73748 combines online instruction plus mandatory on campus meetings Mondays 8/26, 9/30, 10/28, 12/2 from 3-4:50pm in SAC D-202. Students are required to log on to Blackboard: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Attendance at first class meeting is mandatory.					
73676	4:00p-5:50p	M	Carey J	SAC HYBRID	Full Semester
Section 73676 combines online instruction plus mandatory on campus meetings Monday 8/26, 9/23, 10/28, 12/2 from 4-5:50pm in SAC D-305. 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> . Email instructor first week of class (instructor@sac.edu).					
73663	4:00p-6:30p	Tu	Kabaji N	SAC HYBRID	Full Semester
Section 73663 combines online instruction plus 4 mandatory on-campus meetings Tuesday 8/27, 9/24, 11/12, 12/3 from 4:00-6:30pm in SAC D-208. 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> . Email instructor first week of class. (instructor@sac.edu)					
73686	4:00p-5:50p	Th	Pearce D	SAC HYBRID	Full Semester
Section 73686 combines online instruction plus mandatory on campus meetings Thursday 8/29, 10/3, 11/7, 12/12 from 4-5:50pm in SAC D-101. 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> . Email instructor first week of class. (instructor@sac.edu).					

SECTION TIME DAYS INSTRUCTOR LOCATON / ROOM DATES

73713	4:00p-5:50p	Th	Nguyen P	SAC HYBRID	Full Semester
Section 73713 combines online instruction plus mandatory on campus meetings Thursday 8/29, 10/3, 11/7, 12/12 from 4-5:50pm in SAC D-101. 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> . Email instructor first week of class. (instructor@sac.edu).					
73684	7:00p-9:20p	Th	Bennett G	SAC HYBRID	Full Semester
Section 73684 combines online instruction and mandatory on-campus meetings on Thursday 8/29, 10/3, 11/7, 12/12 from 7-9:20pm in SAC D-303. 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> . Email instructor first week of class (bennett_gary@sac.edu).					
73655	7:00a-9:05a	M W	Chao I	SAC D-103	Full Semester
73997	7:30a-11:45a	Tu Th	Mitzner R	SAC D-210	08/27-10/17
Section 73997 is an Express to Success course. Recommend enrollment in second eight weeks in section 73999. See the Express to Success program page in the class schedule for more information.					
73658	8:00a-10:05a	M W	Missakian I	SAC D-201	Full Semester
73660	8:30a-10:35a	M W	Johnson S	SAC D-204	Full Semester
73661	8:30a-10:35a	M W	Sosta R	SAC D-211	Full Semester
73985	9:00a-1:30p	M W	Ramshaw C	SAC I-104	10/21-12/11
Section 73985 is an Express to Success course. Recommend enrollment in first eight weeks in section 73982. See the Express to Success program page in the class schedule for more information.					
73714	9:00a-1:15p	F	Staff	SAC D-102	Full Semester
73993	9:00a-1:30p	Tu Th	Higgins M	SAC D-102	10/22-12/12
Section 73993 is an Express to Success course. Recommend enrollment in first eight weeks in section 73990. See the Express to Success program page in the class schedule for more information.					
73716	9:00a-1:15p	Sa	Ozima M	SAC I-106	Full Semester
73683	9:00a-11:05a	Tu Th	Pecenkov N	SAC I-208	Full Semester
73659	9:45a-11:50a	Tu Th	Staff	SAC I-207	Full Semester
73718	11:30a-1:35p	M W	Brandon K	SAC D-213	Full Semester
73652	11:30a-1:35p	Tu Th	Bassett D	SAC I-106	Full Semester
Section 73652 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 72635, and Psychology 100, Introduction to Psychology, Section 73440. Enrollment in all sections is mandatory. See the Freshman Experience program page in the class schedule for more information.					
73747	11:30a-1:35p	M W	Patterson K	SAC I-106	Full Semester
73989	12:00p-4:30p	M W	Higgins M	SAC D-304	10/21-12/11
Section 73989 is an Express to Success course. Recommend enrollment in first eight weeks in section 73987.					
73750	12:45p-2:50p	Tu Th	Staff	SAC D-107	Full Semester
73680	1:00p-3:05p	M W	Martinez Guzman D	SAC D-103	Full Semester
73682	1:15p-3:20p	M W	Sosta R	SAC D-109	Full Semester
73664	1:15p-5:30p	Tu	Taylor J	SAC D-209	Full Semester
73671	1:15p-3:20p	M W	Greenberg H	SAC D-212	Full Semester
73672	1:15p-5:30p	Th	Ehring G	SAC D-209	Full Semester
73715	1:45p-3:50p	Tu Th	Diller J	SAC D-103	Full Semester
73751	1:45p-3:50p	M W	Staff	SAC D-201	Full Semester
73734	2:00p-4:05p	M W	Tran M	SAC I-208	Full Semester
73662	4:30p-6:35p	M W	Swanlund B	SAC D-208	Full Semester
73749	6:00p-10:15p	M	Kelley S	SAC I-109	Full Semester
73657	6:00p-10:15p	M	Reid M	SAC D-108	Full Semester
73678	6:00p-10:15p	W	Musgrove C	SAC D-108	Full Semester
73679	6:00p-10:15p	W	Prothero J	SAC D-204	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: A high school or college GPA of 3.0 or above and a grade of C or better in English 061/ESL EMLS 112 or ACE 116 or qualifying profile from English placement process.

73752	7:30a-9:35a	Tu Th	Bassett D	SAC I-102	Full Semester
73753	10:00a-12:05p	Tu Th	Patterson K	SAC D-208	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: A grade of C or better in English 101 or English 101H.

73757	5:00p-6:50p	M	Ramshaw C	SAC HYBRID	Full Semester
Section 73757 combines online instruction plus mandatory on campus meetings Mondays 8/26, 9/30, 10/28, 12/2 from 5-6:50pm in SAC D-401. Students are required to log on to Blackboard: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> . Attendance at first class meeting is mandatory.					
73999	7:30a-11:45a	Tu Th	Mitzner R	SAC D-210	10/22-12/12
Section 73999 is an Express to Success course. Recommend enrollment in first eight weeks in section 73997. See the Express to Success program page in the class schedule for more information.					
73765	10:15a-12:20p	M W	Dongell R	SAC D-109	Full Semester
73755	12:00p-2:05p	Tu Th	Martinez Guzman D	SAC D-210	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**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: A high school or college GPA of 3.0 or above and a grade of C or better in English 101 or 101H.

73768 4:00p-8:15p M Patterson K SAC I-201 Full Semester

**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 grade of C or better.

73797 5:00p-6:50p M Beyersdorf M SAC HYBRID Full Semester  
Beyersdorf M SAC D-204

Section 73797 combines online instruction plus mandatory on campus meetings Mondays 8/26, 9/30, 10/28, 12/2 from 5-6:50p in D-204. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Email instructor first week of class ([beyersdorf\\_matthew@sac.edu](mailto:beyersdorf_matthew@sac.edu)).

73799 9:00a-11:05a M W Clark C SAC D-207 Full Semester  
73800 9:00a-1:15p F Swanlund B SAC D-201 Full Semester  
73770 11:30a-1:35p M W Beyersdorf M SAC D-210 Full Semester  
73776 11:30a-1:35p Tu Th Munoz J SAC D-214 Full Semester  
73798 6:00p-10:15p M Arnold G SAC D-305 Full Semester  
73774 6:00p-10:15p Tu Kaminsky R SAC D-304 Full Semester

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

73801 10:15a-12:20p M W Bennett G SAC I-109 Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**Academic Planning Questions?**

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

**SANTA ANA COLLEGE**

**ENGLISH 232, SURVEY OF ENGLISH LITERATURE 3.0 UNITS**

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

Prerequisite: English 101 or 101H.

73802 7:00p-10:10p W Patterson K SAC I-104 Full Semester

**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 101H.

73803 7:00p-10:10p Tu Bassett D SAC D-204 Full Semester

**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.

73806 Bennett G SAC WEB Full Semester

Section 73806 online instruction. No on-campus meeting times. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Email instructor first week of class. ([bennett\\_gary@sac.edu](mailto:bennett_gary@sac.edu)).

73805 1:15p-2:40p M W Mitzner R SAC D-204 Full Semester

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

ESL/EMLS courses are offered by the English/ESL Dept. to help bilingual, multilingual, and non-native speakers of English who need additional work before enrolling in English 101, Freshman Composition. These courses provide practice in such areas as vocabulary, advanced sentence construction and especially, practice in writing 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 at the same time in a Reading class and possibly a Communication Studies class to improve their English faster.

EMLS 109, like the other EMLS courses, focuses on writing problems faced by bilingual or non-native speakers of English. EMLS 107 through EMLS 112, unlike English N60 and 061, are transferable to some California State University campuses as electives.

Placement in 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
	EMLS 107	Communication Studies N52AB
High School Grads often place here	EMLS 109	Communication Studies 096, 097 or N53
<b>ADVANCED LEVEL COURSES</b>		
	EMLS 110	Communication Studies 096, 097 or N53
	EMLS 112	Communication Studies N50
<b>FRESHMAN COMPOSITION</b>		
	English 101	Communication Studies 101 or 102
		Reading 150

EMLS 107 through 112 are CSU transferable. English N60 and 061 are not.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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Need help with your Communication Studies, English, EMLS, Modern Languages, or Reading class?

**Check out the new SAC LEARNING CENTER!**

Located in D-307

Staffed by trained Learning Facilitators and English, EMLS, Modern Languages, and Reading professors



Computer-assisted instruction  
Directed Learning Activities  
Language acquisition practice  
One-on-one conferencing Workshops

Monday–Thursday: 8:00 a.m.–8:00 p.m.  
Friday: 10:00 a.m.–2:00 p.m.

**No need to register or pay anything to use The Learning Center!**

## 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.

73051	8:00a-11:05a	Tu Th	Simmons K	SAC D-302	Full Semester
73048	9:45a-12:50p	M W	Hassel E	SAC D-212	Full Semester
74349	11:00a-2:05p	Tu Th	Zamoyska C	SAC D-211	Full Semester
73050	7:00p-10:05p	M W	Mowrer M	SAC I-106	Full Semester

**ENGLISH FOR MULTILINGUAL STUDENTS 107, WRITING, GRAMMAR AND READING II 4.0 UNITS**

*Sentence and paragraph level writing for 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.

73062	8:00a-11:05a	M W	Dwyer D	SAC F-102	Full Semester
73059	8:00a-11:05a	Tu Th	Dwyer D	SAC I-106	Full Semester
73065	11:30a-2:35p	M W	Keith K	SAC D-108	Full Semester
73068	7:00p-10:05p	Tu Th	Mowrer M	SAC D-214	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.

73075	8:00a-11:05a	M W	Keith K	SAC D-213	Full Semester
73076	8:00a-11:05a	Tu Th	Lewis M	SAC D-108	Full Semester
73077	11:00a-2:05p	M W	Lewis M	SAC I-201	Full Semester
73078	12:00p-3:05p	Tu Th	Livote M	SAC D-108	Full Semester
73080	7:00p-10:05p	M W	Cavina K	SAC I-107	Full Semester

**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.

73083	8:00a-10:05a	M W	Lewis M	SAC D-109	Full Semester
73089	8:00a-10:05a	Tu Th	Keith K	SAC D-213	Full Semester
73090	8:00a-12:15p	Tu Th	Hicks R	SAC I-104	08/27-10/17

Section 73090 is an Express to Success course. Recommend enrollment in second eight weeks in section 73092. See the Express to Success program page in the class schedule for more information.

73084	12:00p-2:05p	Tu Th	Dwyer D	SAC I-207	Full Semester
73087	4:45p-6:50p	M W	Mowrer M	SAC D-213	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**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.

73092	8:00a-12:30p	Tu Th	Hicks R	SAC I-104	10/22-12/12
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Section 73092 is an Express to Success course. Recommend enrollment in first eight weeks in section 73090. See the Express to Success program page in the class schedule for more information.

73099	8:00a-10:05a	M W	Harris J	SAC I-106	Full Semester
73098	11:30a-1:35p	M W	Harris J	SAC I-208	Full Semester
73102	6:00p-10:15p	M	Cervantes M	SAC I-208	Full Semester
73103	6:00p-10:15p	W	Myers D	SAC D-103	Full Semester

## 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.*

73817			Doolittle G	SAC WEB	10/21-12/13
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Section 73817 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

73818	6:00p-9:10p	M	Carr B	SAC A-207	Full Semester
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**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.*

73820	6:00p-10:00p	Tu	Thomason G	SAC A-207	08/27-09/17
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**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.*

73821	6:00p-10:00p	Tu	Kikawa E	SAC D-103	09/24-10/15
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**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.*

73823	6:00p-10:10p	Tu	Hobbs R	SAC A-207	10/22-12/10
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**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.*

73824	6:00p-10:10p	Th	Fisher T	SAC A-207	08/29-10/17
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**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.*

73827			Vonheim E	SAC HYBRID	10/21-12/13
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6:00p-10:10p Th  
Section 73827 online instruction combines mandatory on-campus meetings every Thur. 6:00p-10:10p, SAC A-207.

**ENTREPRENEURSHIP 111, CAPSTONE ENTREPRENEURIAL CASE STUDIES 3.0 UNITS**

*Discuss complex entrepreneurial business cases in a highly interactive environment. Translate complex business cases into critical incidents. Translate critical incidents into simulations. Learn to analyze entrepreneurial problems and solutions.*

73830			Doolittle G	SAC WEB	10/21-12/13
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Section 73830 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

## 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).*

75551	11:30a-12:55p	Tu Th	Hughes P	SAC R-111	Full Semester
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**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.)*

73835	10:30a-11:55a	Tu Th	Morris A	SAC R-318	Full Semester
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## 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

## ETHNIC STUDIES

### ETHNIC STUDIES 101, INTRODUCTION TO ETHNIC STUDIES 3.0 UNITS

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

72941	11:15a-12:40p	M W	Schreck M	SAC I-206	Full Semester
72942	7:00p-10:10p	M	Herrera Thomas H	SAC D-208	Full Semester

## FASHION DESIGN MERCHANDISING

### FASHION DESIGN MERCHANDISING 053, INTRODUCTION TO SEWING 2.0 UNITS

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

73854	5:45p-9:35p	Th	Silvers L	SAC T-201	Full Semester
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### FASHION DESIGN MERCHANDISING 100, INTRODUCTION TO FASHION 3.0 UNITS

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

73864	10:00a-1:10p	Th	Benson K	SAC T-201	Full Semester
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### FASHION DESIGN MERCHANDISING 103, FASHION SELECTION 3.0 UNITS

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

73870	2:30p-5:40p	W	Libolt R	SAC T-201	Full Semester
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### FASHION DESIGN MERCHANDISING 104, TEXTILE FIBERS AND FABRICS 3.0 UNITS

A study of textile fibers and fabrics, their selection, identification, use and care for wearing apparel and home furnishings.

73866	10:00a-2:00p	Tu	Benson K	SAC T-201	Full Semester
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### FASHION DESIGN MERCHANDISING 105A, BEGINNING SEWING 3.0 UNITS

Construction techniques for beginners with emphasis on learning how to use the sewing machine and reading a pattern. Students will construct a skirt, shirt, and lined garment. Coordinating woven fabrics, fitting patterns, and basic sewing techniques.

73853	9:00a-2:25p	W	Silvers L	SAC T-201	Full Semester
73882	5:00p-10:15p	M	Benson K	SAC T-201	Full Semester

### FASHION DESIGN MERCHANDISING 105B, INTERMEDIATE SEWING 2.0 UNITS

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

73861	9:00a-12:40p	W	Silvers L	SAC T-201	Full Semester
73883	5:30p-9:20p	M	Benson K	SAC T-201	Full Semester
73863	5:45p-9:25p	Th	Silvers L	SAC T-201	Full Semester

REGISTER EARLY—SPACE IS LIMITED

## Fashion Design or Merchandising



Certificate or AA Degree Programs

### NEW STUDENTS REGISTER FOR:

FDM 100, Introduction to Fashion  
FDM 103, Fashion Selection

### NEW DESIGN STUDENTS ALSO TAKE:

FDM 105A, Beginning Sewing (if non-sewer)  
FDM 111A, Sketching  
FDM 113, Fashion Draping

### EXPERIENCED STUDENTS / INDUSTRY WORKERS:

Computer classes on Tuka Tek System! **See your catalog or call 714-564-6800 for more information**  
FDM 112, Advanced Flat Pattern Marking  
FDM 215, Computer Fashion Illustration  
FDM 214, Manufacturing & Grading

### FASHION DESIGN MERCHANDISING 109, FLAT PATTERN TECHNIQUES 3.5 UNITS

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.

73879	9:00a-2:25p	M	Staff	SAC T-201	Full Semester
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### FASHION DESIGN MERCHANDISING 111A, FASHION SKETCHING 2.0 UNITS

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

73872	6:00p-9:40p	Tu	Bryant C	SAC T-201	Full Semester
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### FASHION DESIGN MERCHANDISING 111B, FASHION ILLUSTRATION 2.0 UNITS

Further fashion illustration techniques including color media, camera ready skills, and design of layouts. Focus on Croquis Development and alternative customers. E.G. Children, Maternity, Men, and/or Plus size.

Prerequisite: Fashion Design Merchandising 111A.

73875	6:00p-9:40p	Tu	Bryant C	SAC T-201	Full Semester
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### FASHION DESIGN MERCHANDISING 112, ADVANCED FLAT PATTERN MARKING 3.5 UNITS

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.

73880	9:00a-2:10p	M	Staff	SAC T-201	Full Semester
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### FASHION DESIGN MERCHANDISING 214, MANUFACTURING AND GRADING 2.0 UNITS

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

73884	5:30p-9:40p	M	Benson K	SAC T-201	Full Semester
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### FASHION DESIGN MERCHANDISING 215, COMPUTER FASHION ILLUSTRATION 1.0 UNIT

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

76522	5:30p-9:50p	Tu	Bryant C	SAC T-201	08/27-10/15
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## FIRE ACADEMY

### FIRE ACADEMY 007, ORIENTATION AND PHYSICAL FITNESS 2.5 UNITS

An orientation and physical fitness course to include introduction to the Basic Fire Academy, rules and regulations, procedures, safety and participation in physical fitness program.

Prerequisite: Concurrent enrollment in Fire Academy 050 or 060.

76733	8:15a-8:35a	M W F	Argo R	JPT-CN	08/26-12/07
	6:00a-8:15a	M W F	Argo R	JPT-CN	

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

W 74715	7:30a-11:30a	Su	Sneddon M	JPT-CN	09/15-09/15
W 74716	7:30a-11:30a	Su	Sneddon M	JTP-CN	10/06-10/06
W 74717	7:30a-11:30a	Su	Sneddon M	JTP-CN	11/03-11/03
W 74718	7:30a-11:30a	Su	Sneddon M	JTP-CN	12/01-12/01

### FIRE 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

75137	8:45a-10:45a	F	Argo R	JPT-CN	08/30-12/13
75127	6:00p-8:00p	W	Argo R	JPT-CN	08/28-12/11

### 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

75152	8:45a-10:45a	F	Argo R	JPT-CN	08/30-12/13
75150	6:00p-8:00p	W	Argo R	JPT-CN	08/28-12/11

### 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.

W 74711	8:45a-5:45p	M Tu W Th F Sa	Chidester D	JPT-CN	08/26-12/07
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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.

74725			Stefano D	SAC WEB	Full Semester
Section 74725 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:stefano_daniel@sac.edu">stefano_daniel@sac.edu</a> )					
74727	8:30a-11:40a	M	Verdecia D	SAC A-128	Full Semester
74726	8:30a-11:40a	Tu	Busch M	SAC A-128	Full Semester
74729	12:00p-3:10p	W	Ash J	SAC A-128	Full Semester
74728	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.

74730			Ash J	SAC WEB	Full Semester
Section 74730 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:ash_jeffery@sac.edu">ash_jeffery@sac.edu</a> )					
74731	8:30a-11:40a	W	Ash J	SAC A-128	Full Semester
74732	12:00p-3:10p	Tu	Busch M	SAC A-128	Full Semester
74733	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.

74734			Horner S	SAC WEB	Full Semester
Section 74734 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:horner_stephen@sac.edu">horner_stephen@sac.edu</a> )					
74735	8:30a-11:40a	M	Childress D	SAC W-101	Full Semester
74736	8:30a-11:40a	Th	Mead F	SAC W-101	Full Semester
74737	7:00p-10:10p	W	Gallagher D	SAC A-128	Full Semester

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

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**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.

74739			Freeman S	SAC WEB	Full Semester
Section 74739 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:freeman_suzanne@sac.edu">freeman_suzanne@sac.edu</a> )					
74740	8:30a-11:40a	W	Freeman S	SAC W-101	Full Semester
74741	12:00p-3:10p	Tu	Freeman S	SAC W-101	Full Semester
74742	7:00p-10:10p	Tu	Hornor 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.

74743			Wiskus D	SAC WEB	Full Semester
Section 74743 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:wiskus_dennis@sac.edu">wiskus_dennis@sac.edu</a> )					
74744	3:30p-6:40p	Tu	Busch M	SAC A-128	Full Semester
74745	3:30p-6:40p	Th	Muir J	SAC A-128	Full Semester
74746	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.

74747			Wiskus D	SAC WEB	Full Semester
Section 74747 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:wiskus_dennis@sac.edu">wiskus_dennis@sac.edu</a> )					
74748	8:30a-11:40a	Tu	Freeman S	SAC W-101	Full Semester
74749	12:00p-3:10p	Th	Freeman S	SAC A-128	Full Semester
74750	7:00p-10:10p	M	Freeman S	SAC A-128	Full Semester

**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

76611	8:30a-11:40a	Th	Sneddon M	SAC A-128	Full Semester
76613	12:00p-3:10p	M	Argo R	SAC A-128	Full Semester
76615	12:00p-3:10p	W	Argo R	SAC W-101	Full Semester
76617	7:00p-10:10p	M	Argo R	SAC H-207	Full Semester
76619	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.

76612	11:50a-12:40p	Th	Sneddon M	SAC E-108	Full Semester
76614	3:20p-4:10p	M	Argo R	SAC E-108	Full Semester
76616	3:20p-4:10p	W	Argo R	SAC E-108	Full Semester
76618	6:00p-6:50p	M	Argo R	SAC E-108	Full Semester
76620	6:00p-6:50p	W	Sneddon M	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.

75229	8:00a-10:30a	MW	Issa K	SAC D-110	Full Semester
75238	8:00a-10:30a	TuTh	Issa K	SAC D-110	Full Semester
75242	4:30p-7:00p	TuTh	Ernotte B	SAC D-110	Full Semester
75240	7:00p-9:30p	MW	Nguyen M	SAC D-110	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.

75249	11:00a-1:30p	MW	Issa K	SAC D-110	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

75250	12:00p-2:30p	MW	Ernotte B	SAC D-208	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.

75251	12:00p-2:30p	MW	Ernotte B	SAC D-208	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.

72971	8:00a-9:25a	TuTh	Courter W	SAC D-202	Full Semester
72962	9:45a-11:10a	MW	Courter W	SAC D-202	Full Semester
72960	11:30a-12:55p	MW	Courter W	SAC D-202	Full Semester
72965	1:15p-4:25p	Th	Goggin S	SAC D-202	Full Semester
72963	6:00p-9:10p	M	Jones K	SAC D-202	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.

72968	9:45a-11:10a	TuTh	Courter W	SAC D-202	Full Semester
72966	11:30a-12:55p	TuTh	Courter W	SAC D-202	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.

72969	1:15p-4:25p	Tu	Courter W	SAC D-202	Full Semester
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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.

72970	8:00a-9:25a	MW	Courter W	SAC D-202	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.

74419	9:45a-11:10a	MW	Hughes P	SAC R-111	Full Semester
74423	9:45a-11:10a	TuTh	Hughes P	SAC R-111	Full Semester
74429	1:15p-2:40p	TuTh	Hughes P	SAC R-111	Full Semester
74432	4:00p-5:25p	MW	Coyne C	SAC R-111	Full Semester
74421	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.

74435	9:30a-12:40p	F	Hughes P	SAC R-111	Full Semester
74441	3:00p-6:10p	Th	Coyne C	SAC R-111	Full Semester
74438	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.

75550	11:30a-12:55p	TuTh	Hughes P	SAC R-111	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.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>GEOLOGY 150, INTRODUCTION TO OCEANOGRAPHY</b> <b>3.0 UNITS</b>					
<i>Introductory study of the ocean and its topography, sediments, circulation, shoreline processes, biological productivity and mineral resources. (Same as Earth Science 150).</i>					
74413	11:30a-12:55p	M W	Hughes P	SAC R-111	Full Semester
<b>GEOLOGY 169, GEOLOGIC FIELD STUDIES OF SAN DIEGO COUNTY</b> <b>1.0 UNIT</b>					
<i>Field study of the geology, ecology and history of the peninsular ranges and the San Diego County coastline. Mandatory orientation along with a two-day field study.</i>					
74674			Hughes P	SAC FLDTDRP	09/17-10/08
	5:30p-6:30p	Tu	Hughes P	SAC R-111	09/17-09/17
	5:30p-6:30p	Tu	Hughes P	SAC R-111	10/08-10/08
Section 74674 MANDATORY Pre-trip orientation mtg Tues, 9/17/13, 5:30p-6:30p, SAC R-111. Field Trip: Fri, 9/27/13 3:00p through Sun, 9/29/13 9:00p. MANDATORY Post-trip mtg Tues, 10/8/13 5:30p-6:30p, SAC R-111. This class has outdoor, overnight camping.					


## HISTORY

<b>HISTORY 101, WORLD CIVILIZATIONS TO THE 16TH CENTURY</b> <b>3.0 UNITS</b>						
<i>Development of world civilizations and their interrelationships from the earliest beginnings to the sixteenth century. Basic ideas, institutions, personalities, and artistic achievements of these societies.</i>						
73151	8:00a-9:25a	M W	Martin R	SAC D-210	Full Semester	
73150	8:00a-9:25a	Tu Th	Martin R	SAC I-109	Full Semester	
73153	9:45a-11:10a	M W	Martin R	SAC D-210	Full Semester	
73152	7:00p-10:10p	W	Martin R	SAC D-210	Full Semester	
<b>HISTORY 102, WORLD CIVILIZATIONS SINCE THE 16TH CENTURY</b> <b>3.0 UNITS</b>						
<i>Broad historical study of world civilizations and their interrelationships from the 16th century to the present. Ideas, institutions, personalities, and artistic achievements which have contributed to present-day society.</i>						
73154	9:45a-11:10a	Tu Th	Martin R	SAC D-204	Full Semester	
<b>HISTORY 105, ANCIENT MESOAMERICAN CIVILIZATION</b> <b>3.0 UNITS</b>						
<i>An archeological and ethnohistorical survey of the origin and development of pre-Columbian civilizations in ancient Mesoamerica from Paleo-Indian times to the Spanish conquest. (Same as Anthropology 105.)</i>						
73155	7:00p-10:10p	Tu	Veyna A	SAC D-212	Full Semester	
<b>HISTORY 118, SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES</b> <b>3.0 UNITS</b>						
<i>Examines social and cultural traditions during major historical periods. Focuses on American attitudes and response to economic and technological changes, aesthetics, music, art, language, architecture, folklore, high and popular culture.</i>						
73157	8:00a-9:25a	Tu Th	Ghelfi G	SAC D-205	Full Semester	
73160	8:00a-9:25a	M W	Medina M	SAC I-207	Full Semester	
73159	9:45a-11:10a	M W	Ghelfi G	SAC D-205	Full Semester	
74759	7:00p-10:10p	M	Ghelfi G	SAC D-205	Full Semester	
73161	7:00p-10:10p	M	Booth B	SAC D-204	Full Semester	
<b>HISTORY 120, THE UNITED STATES TO 1865</b> <b>3.0 UNITS</b>						
<i>Examines major political, economic, intellectual, and social forces at home and abroad that shaped American life from the colonial period through the Civil War.</i>						
	73170		Guzman K	SAC WEB	Full Semester	
Section 73170 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:guzman_kristen@sac.edu">guzman_kristen@sac.edu</a> .						
	73165		Menzing T	SAC WEB	Full Semester	
Section 73165 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:menzing_todd@sac.edu">menzing_todd@sac.edu</a> .						
73162	8:00a-9:25a	M W	Ghelfi G	SAC D-214	Full Semester	
73163	8:00a-9:25a	Tu Th	Riggins C	SAC D-304	Full Semester	
73164	9:45a-11:10a	Tu Th	Ghelfi G	SAC D-214	Full Semester	
73168	9:45a-11:10a	M W	Guzman K	SAC I-208	Full Semester	
73169	1:15p-2:40p	Tu Th	Booth B	SAC D-105	Full Semester	
73172	5:30p-6:55p	M W	Lewis J	SAC D-214	Full Semester	
<b>HISTORY 121, THE UNITED STATES SINCE 1865</b> <b>3.0 UNITS</b>						
<i>A critical analysis of American history. Includes industrial and technological development, the changing nature of society, cultural developments, domestic politics, and America's expanded world role.</i>						
	73176		Heeren J	SAC WEB	Full Semester	
Section 73176 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:heeren_jeffrey@sac.edu">heeren_jeffrey@sac.edu</a> .						
73174	11:30a-12:55p	M W	Ghelfi G	SAC D-205	Full Semester	
73177	1:00p-4:100p	Tu Th	Ghelfi G	SAC D-204	08/27-10/17	
	74239		Riggins C	SAC I-109	10/25-12/14	
		6:00p-9:25p	F	Staff		
		9:00a-12:25p	Sa	Staff		
		7:00p-10:10p	W	Lewis J	SAC I-109	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>HISTORY 124, MEXICAN-AMERICAN HISTORY IN THE UNITED STATES</b> <b>3.0 UNITS</b>					
<i>Survey of Mexican-American history in the U.S. from the Pre-Columbian period to the present. Emphasis on Mexican-American contributions to the political, social, economic, and cultural development of the U.S. Will also examine the relationship of Mexican-Americans to other cultural groups.</i>					
73186	8:00a-9:25a	Tu Th	Veyna A	SAC D-204	Full Semester
73188	9:00a-12:10p	F	Estrada G	SAC D-208	Full Semester
73183	9:45a-11:10a	Tu Th	Guzman K	SAC I-201	Full Semester
73184	9:45a-11:10a	Tu Th	Veyna A	SAC D-201	Full Semester
73185	11:30a-12:55p	M W	Guzman K	SAC I-107	Full Semester
73180	11:30a-12:55p	Tu Th	Guzman K	SAC I-208	Full Semester
73182	12:30p-1:55p	M W	Veyna A	SAC D-214	Full Semester
73187	12:30p-1:55p	Tu Th	Veyna A	SAC D-110	Full Semester
73181	7:00p-10:10p	Th	Estrada G	SAC D-105	Full Semester

<b>HISTORY 127, WOMEN IN U.S. HISTORY</b> <b>3.0 UNITS</b>					
<i>Women of European, African, Native, Hispanic, and Asian backgrounds examined in U.S. 1607-present. Emphasis on individuation, social status, family, reproduction, child care, slavery, jobs, and political activism. Legal impact and theories of patriarchal oppression raised.</i>					
73192	8:00a-9:25a	M W	Veyna A	SAC D-305	Full Semester
<b>HISTORY 150, LATIN AMERICAN CIVILIZATION TO INDEPENDENCE</b> <b>3.0 UNITS</b>					
<i>A study of Latin American civilization from the Indian, African, and European origins to Independence. Topics include native cultures, Spanish and Portuguese colonialism, the evolution of regional societies, and intellectual trends.</i>					
73193	6:00p-9:10p	W	Staff	SAC D-202	Full Semester
<b>HISTORY 153, HISTORY OF MEXICO</b> <b>3.0 UNITS</b>					
<i>Mexican history from the pre-Columbian period to the present. Includes social, political, economic and cultural growth of the Mexican nation. Emphasis on cultural and political development.</i>					
73194	9:45a-11:10a	M W	Veyna A	SAC D-305	Full Semester

## HUMAN DEVELOPMENT

<b>HUMAN DEVELOPMENT 070, EARLY CHILDHOOD EDUCATION: INTRODUCTORY PRINCIPLES &amp; PRACTICES (DS3)</b> <b>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>					
74583	6:30p-9:40p	W	Castellon M	SAC V-151	Full Semester
<b>HUMAN DEVELOPMENT 107, CHILD GROWTH AND DEVELOPMENT (DS1)</b> <b>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>					
	74584		Kimmel M	SAC WEB	Full Semester
Section 74584-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:kimmel_michelle@sac.edu">kimmel_michelle@sac.edu</a>					
74591	8:00a-11:10a	F	Pugh J	SAC V-151	Full Semester
74590	9:00a-10:25a	M W	Pugh J	SAC V-151	Full Semester
74589	9:00a-12:10p	Th	Staff	SAC T-212	Full Semester
74585	6:30p-9:40p	Tu	Staff	SAC H-207	Full Semester
74587	6:30p-9:40p	Tu	Kimmel M	SAC I-202	Full Semester
<b>HUMAN DEVELOPMENT 108A, OBSERVATION AND ASSESSMENT FOR EARLY LEARNING AND DEVELOPMENT</b> <b>3.0 UNITS</b>					
<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).					
74592	11:00a-2:10p	Tu	Valdez S	SAC V-151	Full Semester
74594	6:30p-9:40p	M	Hardy M	SAC F-102	Full Semester
74593	6:30p-9:40p	W	Wahl S	SAC H-201	Full Semester
<b>HUMAN DEVELOPMENT 110, CHILD, FAMILY AND COMMUNITY (DS2)</b> <b>3.0 UNITS</b>					
<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>					
74596	11:00a-12:25p	M W	Staff	SAC T-212	Full Semester
74597	6:30p-9:40p	M	Dunn C	SAC R-114	Full Semester
74598	6:30p-9:40p	W	Kimmel M	SAC I-202	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**HUMAN DEVELOPMENT 111A, PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN 3.0 UNITS**

*This course examines the underlying historical and theoretical principles, and the developmentally appropriate practices of early childhood programs and environments. Emphases will be on the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all children. The evolution of professional practices promoting advocacy, ethics and professional identity will be explored. Prerequisite: Human Development 107 and 108A. Negative TB Test (need to complete before observation during the course).*

74600	9:00a-12:10p	W	Valdez S	SAC V-150	Full Semester
74599	6:30p-9:40p	Tu	Valdez S	SAC V-150	Full Semester


**HUMAN DEVELOPMENT 111B, INTRODUCTION TO CURRICULUM FOR YOUNG CHILDREN 3.0 UNITS**

*This course presents an overview of knowledge and skills needed to provide developmentally appropriate curriculum for young children. Students will examine the teacher's role in supporting development, fostering the joy of learning and creativity through the essential role of play. Content areas include language/literacy, social/emotional/sensory learning, art, music, math, science, health/safety, and motor development. Prerequisite: Human Development 108A and 111A. Negative TB Test.*

74601	6:30p-9:40p	Th	Isais E	SAC I-209	Full Semester
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**HUMAN DEVELOPMENT 112, HEALTH, SAFETY AND NUTRITION FOR CHILDREN 3.0 UNITS**

*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*

 74602	9:30a-12:30p	Sa	Valdez S Valdez S	SAC HYBRID SAC V-151	Full Semester
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Section 74602 combines online instruction plus mandatory on-campus meetings on Sat, 08/31, 10/05, 11/16, 12/07 from 9:30a-12:30pm, SAC V-151. Go to [www.sac.edu/disted](http://www.sac.edu/disted) for more information. Email instructor first week of class. ([valdez\\_susanne@sac.edu](mailto:valdez_susanne@sac.edu))

**HUMAN DEVELOPMENT 113, TUTORING READING IN ELEMENTARY SCHOOLS 1.0 UNIT**

*An examination of effective tutoring strategies, focusing on the support for reading skills of elementary age children. Students are placed in local K-8 classrooms to gain experience with school-age children. 20+ hours service learning hours required in addition to lecture hours. Student must provide proof of negative TB screening.*

74603	2:00p-4:05p	W	Torresluna J	SAC V-151	08/28-12/11
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Section 74603 will meet every other Wednesday beginning 08/28.

**HUMAN DEVELOPMENT 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 Counseling 114.)*

74604	4:45p-6:50p	Th	Staff	SAC I-108	08/29-10/17
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**HUMAN DEVELOPMENT 116A, INFANT/TODDLER GROWTH AND DEVELOPMENT (DS4) 3.0 UNITS**

*Examination of the growth and developmental patterns of infants and toddlers and interactions with culturally diverse family structures. Meets licensing requirement. With Human Development 116B, this class fulfills infant/toddler specialization for Child Development Master Teacher Permit. Prerequisite: Human Development 107.*

74605	6:30p-9:30p	W	Pham M	SAC I-208	Full Semester
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Section 74605 has 6 hours arranged per semester.

**HUMAN DEVELOPMENT 200, COMPUTER LITERACY FOR EARLY CHILDHOOD EDUCATORS 3.0 UNITS**

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

74606	7:30p-10:40p	M	Valdez S	SAC T-203-1	Full Semester
74607	7:30p-10:40p	Th	Naman T	SAC T-203-1	Full Semester

**HUMAN DEVELOPMENT 205, EXCEPTIONALITY AND SPECIAL NEEDS IN HUMAN DEVELOPMENT 3.0 UNITS**


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

74609	9:00a-10:25a	MW	Holmes A	SAC F-103	Full Semester
74608	6:30p-9:40p	Tu	Holmes A	SAC I-109	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**HUMAN DEVELOPMENT 215, ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS: LEVEL I (DS6) 3.0 UNITS**


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

 74610	6:00p-10:10p	Th	Oliveira-Foster C	SAC V-150	08/29-10/17
	8:00a-4:00p	Sa	Oliveira-Foster C	SAC V-150	

Section 74610 will also meet on Sat, 09/07 and 10/05 from 8:00a-4:00p, SAC V-150.

**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.*

 74622	6:00p-10:30p	Th	Oliveira-Foster C	SAC V-150	10/24-12/12
	8:00a-4:45p	Sa	Oliveira-Foster C	SAC V-150	

Section 74622 will also meet on Sat, 10/26 and 11/23 from 8:00a-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.*

74623	9:00a-10:25a	Tu Th	Pugh J	SAC V-151	Full Semester
74624	7:00p-10:10p	Th	Pugh J	SAC R-126	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.*

74625	11:00a-2:10p	Tu Th	Morgan-Beazell G	SAC V-150	08/27-10/17
74626	6:30p-9:40p	MW	Morgan-Beazell G	SAC V-150	08/26-10/16

**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.*

74627	6:30p-9:40p	Tu	Wahl S	SAC V-151	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.

74628	6:00p-8:00p	Tu	Morgan-Beazell G	SAC V-116	Full Semester
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Section 74628 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.

74629	6:00p-8:00p	Tu	Morgan-Beazell G	SAC V-116	Full Semester
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Section 74629 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.*

 74678			Kehlenbach E	SAC WEB	Full Semester
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No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes. Email instructor first week of class. ([Kehlenbach\\_Brian@sac.edu](mailto:Kehlenbach_Brian@sac.edu))

**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.*

74138	11:00a-12:25p	Tu Th	Goldmann D	SAC R-124	Full Semester
74177	7:00p-10:10p	W	Goldmann D	SAC R-124	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## KINESIOLOGY ACTIVITIES

<b>KINESIOLOGY ACTIVITIES 107A, BEGINNING BADMINTON</b>	<b>1.0 UNIT</b>
<i>Instruction and practice includes the development of basic skills, techniques, and rules and strategies.</i>	
74700 9:00a-10:25a Tu Th	Staff SAC G-105 Full Semester
<b>KINESIOLOGY ACTIVITIES 140, KARATE</b>	<b>1.0 UNIT</b>
<i>This course is designed to offer instruction in the Japanese art of Karate for beginning level students. Basic movements such as stances, blocking, kicking and striking are taught.</i>	
74697 6:30p-9:30p Th	Staff SAC W-111 Full Semester
<b>KINESIOLOGY ACTIVITIES 150, HATHA YOGA</b>	<b>1.0 UNIT</b>
<i>This class is an investigation of the history, philosophy and practice of physical Hatha Yoga. Physical exercises are designed to improve muscle tone, flexibility, breath control, relaxation, and unity of mind, body and spirit.</i>	
74688 7:30a-8:55a M W	Staff SAC W-107 Full Semester
<b>KINESIOLOGY ACTIVITIES 160, TENNIS</b>	<b>1.0 UNIT</b>
<i>Instruction and practice in the fundamental skills basic to the successful performance of tennis. These skills include grip and body mechanics involved with the forehand, backhand, serve, lob, smash, and net play. Etiquettes, court strategy, and rules will be covered in singles and doubles play. Tournament play will be introduced.</i>	
74689 9:00a-10:25a M W	Staff SAC G-116 Full Semester
<b>KINESIOLOGY ACTIVITIES 220A, BEGINNING BASKETBALL</b>	<b>1.0 UNIT</b>
<i>Co-educational team sport activity which provides basic skills and techniques are refined at the beginner level. Rules, game strategies and competitive activities are included.</i>	
76216 7:00p-10:10p M	Staff SAC G-105 Full Semester
<b>KINESIOLOGY ACTIVITIES 235, SPEED AND AGILITY</b>	<b>0.5 UNIT</b>
<i>This class includes instruction on linear speed, non-linear speed, and jumping ability using state of the art plyometric training and speed specific training tools.</i>	
76203 11:35a-12:25p M W	Staff SAC G-114 Full Semester
<b>KINESIOLOGY ACTIVITIES 270, SOFTBALL</b>	<b>0.5 UNIT</b>
<i>Fundamentals of fielding, throwing, hitting, and base running. Includes play situations and an emphasis on team offensive and defensive strategy.</i>	
74616 12:30p-1:25p Tu Th	Nutter K SAC G-120 Full Semester

## KINESIOLOGY ADAPTED ACTIVITIES

<b>KINESIOLOGY ADAPTED ACTIVITIES 202, ADAPTED CIRCUIT TRAINING</b>	<b>0.5 UNIT</b>
<i>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.</i>	
Prerequisite: Adapted Kinesiology Medical Release Form required.	
74573 1:00p-1:50p M W	Sos B SAC E-102 Full Semester
<b>KINESIOLOGY ADAPTED ACTIVITIES 208, ADAPTED AEROBIC FITNESS</b>	<b>0.5 UNIT</b>
<i>The class is designed for students with disabilities and chronic conditions to develop knowledge and skills for improving cardiovascular fitness. Various aerobic and stretching exercises are performed to music. Exercise programs are designed to teach students adaptive strategies and beginning level techniques to meet their individual needs.</i>	
Prerequisite: Adapted Kinesiology Medical Release Form required.	
74576 11:00a-11:50a Tu Th	Sos B SAC W-106 Full Semester

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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<b>KINESIOLOGY ADAPTED ACTIVITIES 211A, BEGINNING ADAPTED AQUATICS</b>	<b>1.0 UNIT</b>
<i>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.</i>	
Prerequisite: Adapted Kinesiology Medical Release Form required.	
74574 9:30a-10:55a Tu Th	Sos B SAC G-121 Full Semester

## KINESIOLOGY AEROBIC FITNESS

<b>KINESIOLOGY AEROBIC FITNESS 140, WALKING/JOGGING FOR FITNESS</b>	<b>0.5 UNIT</b>
<i>This course will emphasize cardiovascular walking/jogging for health and fitness for men and women who are interested in instruction and practice in cardiovascular conditioning. The walking/jogging class is designed to decrease the risk of coronary heart disorders by increasing heart efficiency, vital lung capacity, and the knowledge of each through aerobic and anaerobic conditioning.</i>	
74261 1:00p-1:50p Tu Th	Siddons A SAC G-113 Full Semester
<b>KINESIOLOGY AEROBIC FITNESS 144, CROSS TRAINING</b>	<b>1.0 UNIT</b>
<i>This class will be comprised of aerobic classes designed to introduce the student to the concept of cross training and trying different work-outs. The class will be divided into four sections, cardio boxing, step aerobics, weight training and flexibility work-outs.</i>	
74250 11:30a-12:55p Tu Th	Macdonald J SAC G-103 Full Semester
<b>KINESIOLOGY AEROBIC FITNESS 146A, BEGINNING STABILITY BALL</b>	<b>1.0 UNIT</b>
<i>A core training and strengthening workout using stability balls and free weights (dumbbells) to build core strength and functional fitness. Designed to tone the entire body with special emphasis on progressively improving posture, balance, flexibility, core strength and coordination.</i>	
75005 11:00a-12:25p M W	Breig D SAC W-107 Full Semester
<b>KINESIOLOGY AEROBIC FITNESS 150, STRETCH, FLEX AND TONE</b>	<b>1.0 UNIT</b>
<i>A combination of stretching and toning exercises to increase strength, flexibility, and overall body fitness.</i>	
74613 1:00p-2:25p M W	Macdonald J SAC W-107 Full Semester
<b>KINESIOLOGY AEROBIC FITNESS 156, CARDIO KICKBOXING</b>	<b>0.5 UNIT</b>
<i>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.</i>	
74208 10:00a-10:55a M W	Breig D SAC W-107 Full Semester
<b>KINESIOLOGY AEROBIC FITNESS 156A, BEGINNING CARDIO KICKBOXING</b>	<b>1.0 UNIT</b>
<i>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.</i>	
75065 5:45p-7:10p M W	Staff SAC W-107 Full Semester
<b>KINESIOLOGY AEROBIC FITNESS 157, CARDIO PUMP</b>	<b>1.0 UNIT</b>
<i>Instruction in overall fitness development. This class is designed to incorporate weight lifting into a cardio routine. It develops strength and endurance of all major muscle groups using routines performed to music.</i>	
74577 10:00a-11:25a Tu Th	Nutter K SAC W-107 Full Semester

## KINESIOLOGY AQUATICS

<b>KINESIOLOGY AQUATICS 201, SWIMMING</b>	<b>1.0 UNIT</b>
<i>Instruction and experience in the basic stroke techniques and safety procedures of swimming.</i>	
74263 10:00a-11:25a M W	Siddons A SAC G-121 Full Semester
<b>KINESIOLOGY AQUATICS 201, SWIMMING</b>	<b>0.5 UNIT</b>
<i>Instruction and experience in the basic stroke techniques and safety procedures of swimming.</i>	
74266 11:00a-11:50a Tu Th	Siddons A SAC G-121 Full Semester
<b>KINESIOLOGY AQUATICS 206, LAP SWIMMING</b>	<b>1.0 UNIT</b>
<i>Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.</i>	
Prerequisite: Student must demonstrate swimming skills.	
74309 10:00a-11:25a M W	Siddons A SAC G-121 Full Semester
<b>KINESIOLOGY AQUATICS 206, LAP SWIMMING</b>	<b>0.5 UNIT</b>
<i>Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.</i>	
Prerequisite: Student must demonstrate swimming skills.	
74319 11:00a-11:50a Tu Th	Siddons A SAC G-121 Full Semester

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

## 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**

Wednesday, Friday . . . . . 9am  
 Wednesday . . . . . 5pm

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

**Open hours AFTER Orientation Week are:**

Wednesday, Friday 9–11am and Wednesday 4–7pm

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 100, PERSONAL FITNESS EVALUATION 0.5 UNIT**

*Personal evaluation of your fitness level. Each student completes appointments that evaluate flexibility, strength, blood pressure, body composition, pulmonary function, resting electrocardiogram and a graded exercise test. Students are also required to record 20 hours of exercise outside of class. Outside hours must be completed and supervised at an exercise science facility at the college where the student is enrolled. Designed for students without heart problems.*

**Material Fee(s): \$5.00**

74707	TBA	Jones G	SAC E-108	Full Semester
74783	TBA	Jones G	SAC E-108	10/21-12/13

**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**

75010	TBA	Macdonald J	SAC E-108	Full Semester
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**KINESIOLOGY FITNESS 102, PERSONAL FITNESS EVALUATION 2.0 UNITS**

*Personal evaluation of your fitness level. Each student completes appointments that evaluate flexibility, strength, blood pressure, body composition, pulmonary function, resting electrocardiogram and a graded exercise test. Students are also required to record 92 hours of exercise outside of class. Outside hours must be completed and supervised at an exercise science facility at the college where the student is enrolled. Designed for healthy individuals with no heart problems.*

**Material Fee(s): \$5.00**

74786	TBA	Staff	SAC E-108	Full Semester
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**Can't find the class you need?**  
**It may be waiting for you at**  
**Santiago Canyon College!**  
 View SCC's class schedule at  
[www.sccollege.edu/schedule](http://www.sccollege.edu/schedule)  
**Hurry! Class sizes are limited.**

## CIRCUIT TRAINING

The SAC Fitness Center is located in E-102, phone 714-564-6917.

**ATTENDANCE**

Students are required to attend the Fitness Center 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, 110A, or 115A 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 8am–1pm & 4–7pm

**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.*

74245	TBA	Luppani M	SAC E-102	Full Semester
74256	TBA	Luppani M	SAC E-102	10/21-12/13

**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.*

74257	TBA	Luppani M	SAC E-102	Full Semester
74259	TBA	Luppani M	SAC E-102	10/21-12/13

**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.*

74264	TBA	Luppani M	SAC E-102	Full Semester
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**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.*

74258	10:00a-11:25a	Tu Th	Macdonald J	SAC G-103	Full Semester
74255	11:00a-12:25p	M W	Macdonald J	SAC G-103	Full Semester
75793	1:00p-2:55p	M W	Jones G	SAC G-103	08/26-11/27
75794	1:00p-2:55p	Tu Th	Jones G	SAC G-103	08/27-11/26


## 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.*

	74280		Siddons A	SAC WEB	10/21-12/15
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Section 74280 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. ([siddons\\_al@sac.edu](mailto:siddons_al@sac.edu))

	74202		Breig D	SAC WEB	08/26-10/18
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Section 74102 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. ([breig\\_david@sac.edu](mailto:breig_david@sac.edu))

	74207		Breig D	SAC WEB	10/21-12/15
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Section 74207 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. ([breig\\_david@sac.edu](mailto:breig_david@sac.edu))

74279	9:30a-10:55a	Tu Th	Siddons A	SAC F-102	Full Semester
74123	11:15a-12:40p	M W	Abbey T	SAC F-102	Full Semester
74125	11:15a-12:40p	Tu Th	Abbey T	SAC F-102	Full Semester
74278	6:00p-9:10p	Tu	Siddons A	SAC F-102	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / 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.

74615			Nutter K	SAC WEB	Full Semester
Section 74615 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:nutter_kim@sac.edu">nutter_kim@sac.edu</a> )					

74214			Coffman J	SAC WEB	Full Semester
Section #74214 fully 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> . Read the Welcome Letter and follow directions.					

### 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.

74136			Abbey T	SAC WEB	Full Semester
Section 74136 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:abbey_troy@sac.edu">abbey_troy@sac.edu</a> )					

74229	1:30p-3:35p	Tu	Macdonald J	SAC F-103	Full Semester
74701	5:45p-7:50p	Tu	Macdonald J	SAC F-103	Full Semester

### 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.

74691	7:30a-8:55a	Tu Th	Staff	SAC G-107	08/27-10/17
74692	7:30a-8:55a	Tu Th	Staff	SAC G-107	10/22-12/12

### 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.

74455	9:40a-11:45a	Tu Th	Sneddon D	SAC G-107	08/27-10/17
74458	9:40a-11:45a	Tu Th	Sneddon D	SAC G-107	10/22-12/12
74445	6:00p-9:20p	W	Sneddon D	SAC G-107	08/28-10/30

## KINESIOLOGY INTERCOLLEGIATE ATHLETICS

### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 124, CONDITIONING FOR ATHLETES-MEN 1.0 UNIT

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

74400	12:00p-1:25p	M W	Sneddon D	SAC G-103	Full Semester
74685	2:30p-3:55p	Tu Th	Staff	SAC G-114	Full Semester

### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 128, CONDITIONING FOR ATHLETES-WOMEN 1.0 UNIT

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

74687	7:45a-9:15a	M W	Staff	SAC G-103	Full Semester
75783	1:15p-2:40p	Tu Th	Abbey T	SAC G-114	Full Semester

### 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.

74184	12:30p-2:35p	M W	Breig D	SAC G-105	Full Semester
	4:35p-6:40p	Tu Th		SAC G-105	
	11:00a-1:05p	F		SAC G-105	

### 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.

<b>Material Fee(s): \$5.00</b>					
74611	3:00p-4:05p	M	Jones G	SAC G-113	08/26-11/27
	3:00p-5:35p	Tu W Th		SAC G-113	
	3:00p-5:05p	F		SAC G-113	
	1:00p-2:30p	Sa		SAC G-113	

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

74618	5:30a-7:35a	M Tu	Reyes A	SAC G-121	Full Semester
	12:00p-2:05p	M Tu Th		SAC G-121	

### 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.

74649	4:00p-6:05p	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.

74222	2:30p-4:35p	M W	Luppani M	SAC G-105	Full Semester
	12:30p-2:35p	Tu Th		SAC G-105	
	9:00a-11:05a	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.

74127	4:45p-6:50p	M W F	Abbey T	SAC G-105	Full Semester
	2:45p-4:50p	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.

74620	4:10p-6:15p	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.

74651	1:00p-3:05p	M Tu W Th F	Mitzel M	SAC G-113	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.

74617	2:00p-4:05p	M Tu W Th F	Rapoza J	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.

74619	7:45a-9:55a	Tu Th	Welsh M	SAC G-121	Full Semester
	2:15p-4:25p	M Tu Th		SAC G-121	

### 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.

74285	3:05p-4:35p	M W	Sneddon D	SAC G-115	Full Semester
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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 professions.

74217			Coffman J	SAC WEB	Full Semester
Section 74217 fully 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> . Read the Welcome Letter and follow directions.					
74215	9:00a-10:25a	Tu Th	Coffman J	SAC F-103	Full Semester

### 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.

74219			Coffman J	SAC WEB	Full Semester
Section 74219 fully 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> . Read the Welcome Letter and follow directions.					



## 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

#### KINESIOLOGY PROFESSIONAL 140, MOVEMENT EDUCATION FOR ELEMENTARY SCHOOL CHILDREN **3.0 UNITS**

This course is designed to acquaint the elementary school major with physical education programs in grades K-6. The course includes observation, visitation, and actual teaching field work at an elementary school.

74570	9:40a-10:30a	MW	Sos B	SAC G-106	Full Semester
	10:40a-12:00p	MW	Sos B	SAC G-105	

#### 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.

74225			Luppani M	SAC WEB	08/26-10/18
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Section 74225 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))

#### 74702 **3.0 UNITS**

Section 74702 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.

#### 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.

74614	11:30a-12:25p	TuTh	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.

74220	11:00a-12:25p	MW	Coffman J	SAC F-103	Full Semester
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#### 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.

74672	4:00p-4:50p	M	Jones G	SAC F-103	Full Semester
	5:30p-6:30p	W		SAC F-102	
75818	5:30p-6:30p	WTh	Watkins D	SAC I-201	Full Semester

#### 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.

74459	2:10p-3:00p	MW	Sneddon D	SAC G-106	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.

74705	8:00a-9:25a	TuTh	Staff	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: Concurrently in K.N. Sports Medicine 101.

74706	9:30a-12:35p	TuTh	Staff	SAC G-102	Full Semester
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## Library Research

Stop wasting time!

Become an efficient user of information resources.

Sign up for 1 unit course:

**LIBI 100, Library Research Fundamentals**

## 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.

73040	1:00p-2:00p	Tu	Pedroza L	SAC L-112-1	Full Semester
73039	1:00p-2:00p	W	Pedroza L	SAC L-112-1	Full Semester

## LIBRARY TECHNOLOGY

#### LIBRARY TECHNOLOGY 053, LIBRARY INTERNSHIP **3.0 UNITS**

Closely supervised field work experience in two selected library settings that will allow the student to apply learned knowledge and skills. Weekly review seminars and discussions are conducted in the classroom and on-line. To be taken in the last semester of an A.A. Degree or Certificate in Library Technology.

Prerequisite: Library Technology 101, 110, 122.

73046	4:00p-5:55p	W	Garcia Y	SAC L-112-1	Full Semester
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#### LIBRARY TECHNOLOGY 054, CHILDREN'S LIBRARY SERVICES **3.0 UNITS**

Explores standard procedures and practices in libraries as they are adapted to a children's library situation. Each student has practice evaluating materials and using various methods for sharing literature with children, e.g., reading aloud, storytimes, displays, and bibliographies.

73069	6:00p-9:00p	M	Powers R	SAC L-112-1	Full Semester
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#### LIBRARY TECHNOLOGY 122, PUBLIC SERVICES **3.0 UNITS**

Exploration of library public services with special emphasis placed on a variety of issues as they relate to the circulation of library materials, the delivery of reference services, the use of the Internet and full-text databases for reference and the preparation and delivery of library programs. Prerequisite: Library Technology 101.

73071	6:00p-9:00p	W	Staff	SAC L-112-1	Full Semester
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## Library Technology Certificate AA Degree in Library Technology

- 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 Yolanda Garcia, [garcia\\_yolanda@sac.edu](mailto:garcia_yolanda@sac.edu)

714-564-6717.

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

73717			Shweiri G	SAC WEB	Full Semester
Section 73717 online instruction. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <a href="http://rscsd.blackboard.com">http://rscsd.blackboard.com</a> .					
73719	9:30a-10:55a	Tu Th	Shweiri G	SAC A-214	Full Semester
73720	6:00p-9:10p	W	Irlon 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.)

73721	11:00a-12:25p	Tu Th	Shweiri G	SAC A-130	Full Semester
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**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.

73722	7:00p-10:10p	Th	Woolgar D	SAC A-224	Full Semester
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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.

73723	6:00p-9:10p	W	Shweiri G	SAC A-207	Full Semester
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## MANUFACTURING TECHNOLOGY

**MANUFACTURING TECHNOLOGY 011, BASIC MECHANICAL BLUEPRINT READING 2.0 UNITS**  
Reading and interpreting blueprints for manufacturing technologies. (Same as Engineering 011.)

73904	5:00p-7:05p	F	Zonin A	SAC A-130	Full Semester
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**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 grade of C or better.

73906	7:15p-10:25p	F	Zonin A	SAC A-130	Full Semester
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**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.

73907	9:30a-1:35p	Tu Th	Kanzler D	SAC T-107	Full Semester
73909	5:30p-9:35p	Tu Th	Bright T	SAC T-107	Full Semester
73908	6:00p-10:05p	M W	Kanzler D	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 grade of C or better.					
73910	9:00a-1:05p	Tu Th	Kanzler D	SAC T-107	Full Semester
73911	5:30p-9:35p	M W	Kanzler D	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 grade of C or better.					
73912	9:00a-1:05p	Tu Th	Kanzler D	SAC T-107	Full Semester
73913	5:30p-9:35p	M W	Kanzler D	SAC T-107	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**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					
73914	9:00a-1:35p	Tu Th	Kanzler D	SAC T-107	Full Semester
73915	5:00p-9:35p	M W	Kanzler D	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.

73919	9:00a-1:15p	Sa	Singh N	SAC H-207	Full Semester
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**MANUFACTURING TECHNOLOGY 073, MASTERCAM - 2D GEOMETRY, 2D TOOLPATHS 3.0 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.

73920	6:00p-7:25p	Tu Th	Singh N	SAC T-203-1	Full Semester
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**MANUFACTURING TECHNOLOGY 074, CNC MILLING CENTER SET UP AND OPERATION 3.0 UNITS**  
Basic setup and operation of numerically controlled milling machines. Students will set up and run a 3 axis CNC milling machine.

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

73921	7:30p-10:55p	M	Singh N	SAC T-101	Full Semester
Section 73921 has 2 hours arranged per week.					

**MANUFACTURING TECHNOLOGY 075, MASTERCAM - 3D GEOMETRY, 3D SURFACES 3.0 UNITS**  
Continued instruction of computer assisted numerical control programming. Advanced concepts and methods of creating 3-D geometry and 3-D surfaces using mastercam 3-D software. Suggested preparation: Manufacturing Technology 073.

Prerequisite: MNFG 073 with a minimum grade of C

73922	6:00p-7:25p	M W	Singh N	SAC T-203-1	Full Semester
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**MANUFACTURING TECHNOLOGY 078, MASTERCAM LATHE 3.0 UNITS**  
Computer assisted numerical control programming of machine tools using MASTERCAM lathe software. Emphasis placed on lathe toolpaths: facing, turning, grooving, boring, and threading.

Prerequisite: Manufacturing Technology 071, 073, and 076 with a minimum grade of C

73924	7:30p-10:40p	Tu	Singh N	SAC T-203-1	Full Semester
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**MANUFACTURING TECHNOLOGY 086, ADVANCED CNC LATHE PROGRAMMING, SETUP AND OPERATION 3.0 UNITS**  
Advanced programming, setup and operation of CNC lathe. Course curriculum will include instruction on C-Axis with live tooling option, subprogram for C-Axis, tapered I.D. and O.D. thread, canned cycles, uses of digital probe for tool offset and programmable tailstock.

Prerequisite: Manufacturing Technology 071 with a minimum grade of C and Manufacturing Technology 076 with a minimum grade of C.

73925	7:30p-10:45p	Th	Singh N	SAC T-101	Full Semester
Section 73925 has 2 hours arranged per week.					

**MANUFACTURING TECHNOLOGY 094, CNC HORIZONTAL MILL SETUP AND OPERATION 3.0 UNITS**  
Set up and operation of CNC Horizontal Machining Center. Student will learn the concepts necessary for set up and operation of the state-of-the-art horizontal milling machine. Course curriculum will include instruction on multi fixtures, rapid pallet changing, ability to machine several sides at once with a single set-up using fully programmable 4th axis, to boost productivity, cut lead times and lower production costs.

Prerequisite: Manufacturing Technology 071 with a minimum grade of C, Manufacturing Technology 074 with a minimum grade of C, and Manufacturing Technology 084 with a minimum grade of C.

73926	7:30p-10:30p	W	Singh N	SAC T-101	Full Semester
Section 73926 has 2 hours arranged per week.					

**MANUFACTURING TECHNOLOGY 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 Engineering 103.) Suggested preparation: MNFG 011

73927	7:00p-10:10p	Tu	Corley G	SAC T-203	Full Semester
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Academic Planning Questions?

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

**MANUFACTURING TECHNOLOGY 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 Engineering 105.)

Prerequisite: Manufacturing Technology 104.

73931	7:00p-10:10p	Th	Cole J	SAC T-203	Full Semester
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**MANUFACTURING TECHNOLOGY 106, SOLIDWORKS DRAWINGS**

**3.0 UNITS**

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

Prerequisite: Manufacturing Technology 103 with a minimum grade of C

76451	7:00p-10:10p	W	Cole J	SAC T-203	Full Semester
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**MANUFACTURING TECHNOLOGY 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: Prior or concurrent enrollment in Manufacturing Technology 011 or Engineering 122. (Same as Engineering 114.) Recommended prerequisite: MNFG 011

73933	7:00p-10:10p	W	Corley G	SAC R-114	Full Semester
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**MANUFACTURING TECHNOLOGY 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, extrudes, revolves, etc.) sketch constraints, reference elements, hole features, feature editing, assembly and drawing creation. (Same as Engineering 130A)

H 73934			Cole J	SAC HYBRID	Full Semester
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Section 73934 online instruction combines mandatory on-campus meetings every Sat 12:15p-3:25p, SAC A-225.

**MANUFACTURING TECHNOLOGY 130B, CATIA SOLID MODELING II**

**3.0 UNITS**

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

H 73935			Cole J	SAC HYBRID	Full Semester
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Section 73935 online instruction combines mandatory on-campus meetings every Sat 12:15p-3:25p, SAC A-225.

**MANUFACTURING TECHNOLOGY 188, MACHINE TECHNOLOGY SURVEY**

**3.0 UNITS**

Machine tool setup and operation for students who desire general knowledge of machine tools and processes. All the basic machine tools are used. Not intended for Manufacturing Technology majors. (Same as Engineering 188.)

Prerequisite: Successful completion of or concurrent enrollment in any one of the following: Manufacturing Technology 011; Engineering 011, 051, 122, 124, 125.

73916	9:30a-1:35p	Tu Th	Kanzler D	SAC T-107	Full Semester
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73918	5:30p-9:35p	Tu Th	Bright T	SAC T-107	Full Semester
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73917	6:00p-10:05p	M W	Kanzler D	SAC T-107	Full Semester
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**MANUFACTURING TECHNOLOGY N96, MACHINE TOOL LABORATORY**

**0.0 UNIT**

Supervised use of the machine tool lab for completion of lab projects using CNC machines as required for the various CNC machine set up and operation courses. Also available for additional lab work by conventional machining students. Not applicable to associate degree.

Prerequisite: Enrollment in any other MNFG TECH course with a required lab component.

Open Entry / Open Exit

W 73936	9:00a-10:50a	Sa	Digilio G	SAC T-107	Full Semester
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W 73937	11:00a-12:50p	Sa	Digilio G	SAC T-107	Full Semester
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W 73938	1:30p-3:20p	Sa	Digilio G	SAC T-107	Full Semester
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W 73939	3:30p-5:20p	Sa	Digilio G	SAC T-107	Full Semester
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**MANUFACTURING TECHNOLOGY N97, CAD/CAM COMPUTER LABORATORY**

**0.0 UNIT**

Supervised use of the CAD/CAM Computer Lab for experience in the use of personal computers and software used in the primary course in which the student is enrolled.

Prerequisite: Concurrent enrollment in a CAD/CAM course

Open Entry / Open Exit

W 73940	9:00a-10:50a	Sa	Digilio G	SAC T-107	Full Semester
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W 73941	11:00a-12:50p	Sa	Digilio G	SAC T-107	Full Semester
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W 73942	1:30p-3:20p	Sa	Digilio G	SAC T-107	Full Semester
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W 73943	3:30p-5:20p	Sa	Digilio G	SAC T-107	Full Semester
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**MARKETING**

**MARKETING 113, PRINCIPLES OF MARKETING**

**3.0 UNITS**

The process of developing products that will satisfy the many needs of consumers and businesses. Includes market research techniques, pricing, distribution, and promotion.

73724			Russo J	SAC WEB	10/21-12/13
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Section 73724 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

73725	11:00a-12:25p	M W	Russo J	SAC A-203	Full Semester
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73726	7:00p-10:10p	M	Stewart L	SAC A-203	Full Semester
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**MARKETING 123, MARKETING AND TECHNOLOGY - TRENDS AND CUTTING EDGES**

**1.0 UNIT**

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.

73727	6:00p-10:00p	Th	Russo J	SAC A-222	08/29-09/19
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**MARKETING 124, CAUSE MARKETING AND PUBLIC RELATIONS - DOING WELL BY DOING GOOD**

**1.0 UNIT**

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.

73728	6:00p-10:00p	Th	Russo J	SAC A-222	09/26-10/17
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**MARKETING 125, ADVERTISING AND PROMOTION - GET THE WORD OUT AND KEEP YOUR CUSTOMERS BUYING**

**2.0 UNITS**

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.

73729			Russo J	SAC WEB	08/26-10/18
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Section 73729 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

**MARKETING 126, DISTRIBUTING PRODUCT AND SERVICES - REACHING CUSTOMERS WHERE THEY SHOP**

**2.0 UNITS**

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.

73730			Stewart L	SAC WEB	10/21-12/13
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Section 73730 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

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# 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, ETSSENTIAL 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 10 or higher on the Level 1 Math Placement Test.

CAI	Section	Time	Days	Instructor	Section	Time	Days	Instructor	Section	Time	Days	Instructor	Section	Time	Days	Instructor
	74491	7:30a-9:35a	MW	Gonzalez J	SAC L-207				Full Semester							
	74494	9:45a-11:50a	TuTh	Solheid C	SAC L-207				Full Semester							
	74503	12:00p-2:05p	MW	Root A	SAC L-207				Full Semester							
	74505	5:00p-7:05p	TuTh	Do M	SAC L-207				Full Semester							
	74507	7:45p-9:50p	MW	Felton D	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 or N06 with a grade of C or better or placement into Mathematics N48 on the Math Level 1 Exam and a course equivalent to Mathematics N05 or N06.

Section	Time	Days	Instructor	Section	Time	Days	Instructor	Section	Time	Days	Instructor	Section	Time	Days	Instructor
74508	8:00a-10:05a	MW	Rogers N	SAC R-113				Full Semester							
74556	8:00a-12:15p	Sa	Pilz L	SAC R-113				Full Semester							
74510	8:30a-10:35a	TuTh	Marecek L	SAC R-113				Full Semester							
Section 74510 is linked to Counseling 107, The Freshman Experience, Section 72154. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.															
74512	10:15a-12:20p	MW	Rogers N	SAC R-113				Full Semester							
Section 74512 is linked to Counseling 107, The Freshman Experience, Section 72165. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.															
74513	10:45a-12:50p	TuTh	Anthony M	SAC R-113				Full Semester							
74552	12:00p-2:05p	TuTh	Hashemi S	SAC L-207				Full Semester							
74554	12:00p-2:05p	MW	Shirman T	SAC H-104				Full Semester							
74519	12:30p-2:35p	MW	Rogers N	SAC R-113				Full Semester							
74515	1:00p-3:05p	TuTh	Marecek L	SAC R-113				Full Semester							
74555	2:45p-4:50p	MW	Shirman T	SAC R-113				Full Semester							
74522	3:15p-5:20p	TuTh	Zeller M	SAC R-113				Full Semester							
74516	5:30p-7:35p	TuTh	Zeller M	SAC R-113				Full Semester							
74525	5:30p-7:35p	MW	Galima L	SAC R-113				Full Semester							
74524	7:45p-9:50p	TuTh	Nguyen H	SAC R-113				Full Semester							

### MATHEMATICS 060, ELEMENTARY ALGEBRA

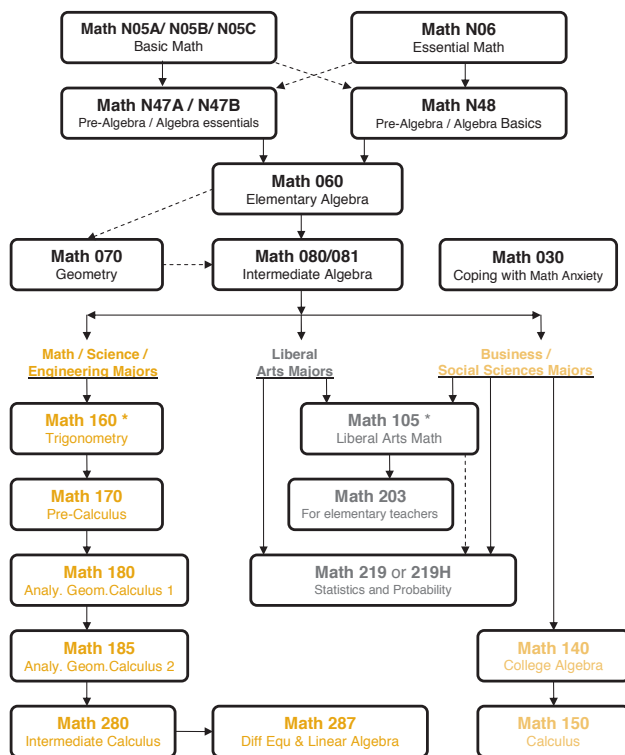
4.0 UNITS

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 grade of C or better; or placement into mathematics 060 on the mathematics level 1 or 2 placement exam and a course equivalent to Mathematics N48 or N47(all four units).

Section	Time	Days	Instructor	Section	Time	Days	Instructor	Section	Time	Days	Instructor	Section	Time	Days	Instructor
74292	4:00p-6:00p	F	Shahbazian R	SAC WEB				Full Semester							
Section 74292 Online instruction with required exam meeting dates on-campus: Fri, 9/27, 10/25, 11/22, and 12/13; 4:00p-6:00p, SAC I-204. Between the dates of 8/21 to 8/23 email the instructor at <a href="mailto:shahbazian_roy@sac.edu">shahbazian_roy@sac.edu</a> 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://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .															
74182	7:00a-9:05a	MW	Yi P	SAC H-104				Full Semester							
74274	7:00a-9:05a	TuTh	Hoang K	SAC H-105				Full Semester							
74179	8:00a-10:05a	MW	Schult Roman C	SAC I-102				Full Semester							
74198	9:45a-11:50a	TuTh	Meyers Giddings J	SAC H-104				Full Semester							
74200	10:15a-12:20p	TuTh	Youssef M	SAC R-126				Full Semester							
74276	10:15a-12:20p	MW	Emigh J	SAC I-202				Full Semester							
Section 74276 is linked to Counseling 107, The Freshman Experience, Section 72158. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.															
74201	10:15a-12:20p	MW	Marecek L	SAC I-102				Full Semester							
74180	12:00p-2:05p	TuTh	Rogers N	SAC I-209				Full Semester							
74185	12:00p-2:05p	TuTh	Lechuga J	SAC H-105				Full Semester							
Section 74185 is linked to Counseling 107, The Freshman Experience, Section 72166. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.															
74206	12:30p-2:35p	MW	Staff	SAC I-102				Full Semester							
74204	2:45p-4:50p	MW	Hoang K	SAC H-105				Full Semester							
74189	2:45p-4:50p	M Tu W Th	Shahbazian R	SAC I-102				08/26-10/17							
Fast Track to Success-Section 74189 is linked to Counseling N45, Orientation to College, Section 76685, Counseling 100, Lifelong Understanding and Self Development, Section 75353, and Math 080, Intermediate Algebra, Section 74854. Enrollment in all sections is mandatory. E-mail counselor for more information ( <a href="mailto:palomares_eva@sac.edu">palomares_eva@sac.edu</a> ).															
74296	2:45p-4:50p	TuTh	Meyers Giddings J	SAC I-106				Full Semester							
74205	3:15p-5:20p	MW	Staff	SAC H-109				Full Semester							
Section 74205 is linked to Counseling 107, The Freshman Experience, Section 72167. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.															
74203	4:00p-6:05p	TuTh	Nguyen D	SAC R-318				Full Semester							
74196	5:00p-7:05p	MW	Mahoney J	SAC H-104				Full Semester							
74183	5:00p-7:05p	TuTh	Elizondo G	SAC I-204				Full Semester							
74192	5:30p-7:35p	MW	Felton D	SAC I-203				Full Semester							
74273	5:30p-7:35p	TuTh	Camacho O	SAC H-105				Full Semester							
74291	6:00p-8:05p	M Tu W Th	Meier K	SAC R-303				08/26-10/17							
Fast Track to Success-Section 74291 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 75711, and Math 080, Intermediate Algebra, Section 74305. Enrollment in all sections is mandatory. E-mail counselor for more information ( <a href="mailto:palomares_eva@sac.edu">palomares_eva@sac.edu</a> ).															
74284	7:15p-9:20p	MW	Mahoney J	SAC I-102				Full Semester							

## Mathematics Course Sequences



**Note:** Where a student places in the sequence will depend upon previous background and test scores. Check prerequisites for all courses.

**Note:** Students planning to transfer to a four-year school should work carefully with a counselor and the catalog of the school of transfer. A college major should be chosen by the end of Math 080/081 to ensure enrollment in the most appropriate subsequent class

\*Geometry is prerequisite.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
CAI 74199	7:15p-9:20p	Tu Th	Elizondo G	SAC I-204	Full Semester
CAI 74186	7:30a-9:35a	Tu Th	Powers R	SAC I-202	Full Semester
CAI 74288	7:30a-9:35a	M Tu W Th	Hager B	SAC R-318	08/26-10/17

**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: Math 060 or 061 with a grade of C or better; or placement into Math 070 on the mathematics level 2 placement exam and a course equivalent to mathematics.  
 74297 1:15p-3:20p Tu Th Brown Z SAC H-109 Full Semester

**MATHEMATICS 078, 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: Math 060 or 061 with a grade of C or better; or placement into Math 080 or 081 on the mathematics level 2 placement exam and a course equivalent to Mathematics 060 or 061.  
 74842 9:00a-11:15a M Tu W Th Carrera C SAC I-204 Full Semester  
 Section 74842 Students must apply to participate in the O.C. Bridge 2 Engineering Program. Please contact Norma Salazar through the Business Division in office A-107-16 or email at [Bridge2Engineering@sac.edu](mailto:Bridge2Engineering@sac.edu).

**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 or 061 with a grade of C or better; or placement into Math 080 on the Mathematics level 2 placement exam and a course equivalent to Mathematics 060 or 061.

74306 6:00p-8:00p F Vu D SAC WEB Full Semester  
 Vu D SAC I-203  
 Section 74306 Online instruction with required exam meeting dates on-campus: Fri, 9/27, 10/25, 11/22, and 12/13; 6:00p-8:00p, SAC I-203. Between the dates of 8/21 to 8/23 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://rscod.blackboard.com>.

CAI 74302 7:30a-10:20a M Tu W Th Hager B SAC R-318 10/21-12/12  
 Fast Track to Success-Section 74302 is linked to Counseling N45, Orientation to College, Section 75903, Counseling 100, Lifelong Understanding and Self Development, Section 73502, and Math 060, Elementary Algebra, Section 74288. Enrollment in all sections is mandatory. E-mail counselor for more information ([palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu)).

W 74299 8:00a-1:20p Sa Maiah A SAC I-203 Full Semester  
 CAI 74854 2:45p-5:35p M Tu W Th Shahbazian R SAC I-102 10/21-12/12  
 Fast Track to Success-Section 74854 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 75353 and Math 060, Elementary Algebra, Section 74189. Enrollment in all sections is mandatory. E-mail counselor for more information ([palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu)).

74305 6:00p-8:50p M Tu W Th Meier K SAC R-303 10/21-12/12  
 Fast Track to Success-Section 74305 is linked to Counseling 100, Lifelong Understanding and Self Development, Section 75711, and Math 060, Elementary Algebra, Section 74291. Enrollment in all sections is mandatory. E-mail counselor for more information ([palomares\\_eva@sac.edu](mailto:palomares_eva@sac.edu)).

**ATTENTION MATH 081 STUDENTS!**

All Math 081 students are automatically enrolled in the lab component for this class when they register. Students must start satisfying the attendance requirements, which is one hour per week, for the Lab component of Math 081 in the first week of school or they will be dropped from the class.

**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 or 061 with a grade of C or better; or placement into Math 080 or 081 on the Mathematics level 2 placement exam and a course equivalent to Mathematics 060 or 061.

CAI 74343	6:15a-8:45a	M W	Nason J	SAC I-203	Full Semester
CAI 74356	7:00a-9:30a	Tu Th	Nason J	SAC H-107	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
CAI 74338	7:30a-10:00a	M W	McKowan-Bourguignon L	SAC H-109	Full Semester
CAI 74339	8:15a-10:45a	Tu Th	Lechuga J	SAC R-114	Full Semester
74344	9:00a-11:30a	M W	Staff	SAC I-203	Full Semester
74366	9:15a-11:45a	M W	Leeds K	SAC H-107	Full Semester
CAI 74348	10:15a-12:45p	M W	Vu D	SAC R-114	Full Semester
74357	10:15a-12:45p	Tu Th	Everett M	SAC I-203	Full Semester

Section 74357 is linked to Counseling 107, The Freshman Experience, Section 72157. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information.  
 CAI 74373 10:15a-12:45p Tu Th McKowan-Bourguignon L SAC H-109 Full Semester  
 CAI 74369 11:45a-2:15p M W Staff SAC I-203 Full Semester  
 CAI 74365 12:00p-2:30p Tu Th Vu D SAC H-107 Full Semester  
 74370 12:30p-3:00p M W Leeds K SAC H-109 Full Semester  
 CAI 74355 1:00p-3:30p Tu Th Solheid C SAC I-203 Full Semester  
 CAI 74328 1:15p-3:45p M W Lieu T SAC I-206 Full Semester  
 CAI 74359 1:15p-3:45p M W Mahan N SAC I-109 Full Semester  
 74336 2:15p-4:45p M W Bowers C SAC H-107 Full Semester  
 74333 2:30p-5:00p Tu Th Has hemi S SAC I-206 Full Semester  
 CAI 74342 3:45p-6:15p Tu Th Cedeno J SAC I-203 Full Semester  
 74367 5:00p-7:30p Tu Th Bowers C SAC H-107 Full Semester  
 74390 5:00p-7:30p M W Bowers C SAC I-204 Full Semester  
 74341 7:15p-9:45p M W Nguyen T SAC H-107 Full Semester  
 CAI 74383 7:45p-10:15p M W Pai R SAC H-109 Full Semester  
 74346 7:45p-10:15p Tu Th Maiah A SAC H-105 Full Semester

**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 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.

CAI 74405	8:00a-12:15p	F	Vu H	SAC L-207	Full Semester
CAI 74404	9:45a-11:50a	M W	Porter S	SAC L-207	Full Semester
74407	12:30p-2:35p	M W	Emigh J	SAC H-105	Full Semester
CAI 74414	2:15p-4:20p	Tu Th	Tran L	SAC L-207	Full Semester
CAI 74411	2:45p-4:50p	M W	Porter S	SAC I-204	Full Semester
CAI 74415	7:45p-9:50p	Tu Th	Hendon S	SAC I-203	Full Semester

**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 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.

74434	6:00p-8:00p	F	Solheid C	SAC WEB	Full Semester
W 74434	6:00p-8:00p	F	Solheid C	SAC I-204	
CAI 74426	7:00a-9:05a	M W	Bourouis-Benyassine A	SAC H-107	Full Semester
W 74430	8:00a-12:15p	Sa	Gonzalez J	SAC I-204	Full Semester
CAI 74417	9:45a-11:50a	Tu Th	Staff	SAC H-107	Full Semester
74418	12:00p-2:05p	M W	Carrera C	SAC H-107	Full Semester
CAI 74420	2:45p-4:50p	Tu Th	Staff	SAC H-107	Full Semester
74422	5:00p-7:05p	M W	Lieu T	SAC H-107	Full Semester
CAI 74425	7:45p-9:50p	Tu Th	Cedeno J	SAC H-107	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 grade of C or better; placement into Mathematics 150 on the Mathematics level 3 placement exam and a course equivalent to Mathematics 140.

CAI 74440	7:00a-9:30a	Tu Th	Everett M	SAC L-207	Full Semester
74442	9:45a-12:15p	M W	Everett M	SAC H-105	Full Semester
74448	1:15p-3:45p	Tu Th	Kashi M	SAC R-318	Full Semester
CAI 74446	7:45p-10:15p	M W	Ro K	SAC H-105	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 grade of C or better; or placement in Mathematics 160 with the Mathematics Level 3 Exam and courses equivalent to Mathematics 070 and 080 or 081.

CAI 74451	8:00a-10:05a	Tu Th	Youssef M	SAC H-109	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
74460	10:15a-12:20p	MW	Mc Clure C	SAC H-109	Full Semester
STEM-Section 74460 is linked to Counseling 021, Math Study Strategies, Section 75670, and Counseling 100, Lifelong Understanding and self Development, Section 74381. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
74463	2:30p-4:35p	Tu Th	MacBride-Hart C	SAC R-303	Full Semester
CAI 74461	5:30p-7:35p	MW	Sheldon J	SAC H-109	Full Semester
CAI 74462	6:30p-8:35p	Tu Th	Cho A	SAC H-109	Full Semester
<b>MATHEMATICS 170, PRE-CALCULUS MATHEMATICS 4.0 UNITS</b>					
<i>Advanced algebraic topics. Study of rational, trigonometric, exponential and logarithmic functions, and analytic geometry. Preparation for Mathematics 180.</i>					
Prerequisite: Mathematics 160 with a grade of C or better or equivalent skills as measured by the Math Level 4 Exam and a course equivalent to Mathematics 160.					
74490	7:00a-9:30a	MW	MacBride-Hart C	SAC H-105	Full Semester
74495	9:15a-11:45a	Tu Th	MacBride-Hart C	SAC H-105	Full Semester
CAI 74493	2:45p-5:15p	Tu Th	Meier K	SAC H-105	Full Semester
CAI 74497	5:00p-7:30p	MW	Ryan J	SAC H-105	Full Semester
<b>MATHEMATICS 180, ANALYTIC GEOMETRY AND CALCULUS 4.0 UNITS</b>					
<i>Limits and continuity, derivatives and integrals of algebraic, trigonometric, and other transcendental functions. Applications including extrema tests, related rates and areas.</i>					
Prerequisite: Mathematics 170 (Precalculus) with a grade of C or better or equivalent skills as measured by the Math Level 4 Exam and a course equivalent to Mathematics 170.					
74498	7:00a-9:30a	Tu Th	Sweeney G	SAC H-104	Full Semester
74500	9:15a-11:45a	MW	Kashi M	SAC H-104	Full Semester
74501	2:15p-4:45p	MW	Sill K	SAC H-104	Full Semester
74502	2:15p-4:45p	Tu Th	McKowan-Bourguignon L	SAC H-104	Full Semester
74499	5:00p-7:30p	Tu Th	Leeds K	SAC H-104	Full Semester
<b>MATHEMATICS 185, ANALYTIC GEOMETRY AND CALCULUS 4.0 UNITS</b>					
<i>Applications of integrals, including volumes, work, arc length, and surface area. Integration techniques, differential equations, conics, parametric equations, polar coordinates, improper integrals, sequences and infinite series.</i>					
Prerequisite: Mathematics 180 or 180H, first semester calculus, with a grade of C or better.					
74509	2:45p-5:15p	MW	Kashi M	SAC I-203	Full Semester
74504	3:45p-6:15p	Tu Th	Sill K	SAC H-109	Full Semester
74506	7:15p-9:45p	MW	Bukauskas D	SAC H-104	Full Semester
<b>MATHEMATICS 219, STATISTICS AND PROBABILITY 4.0 UNITS</b>					
<i>Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology. (Same as Social Science 219.)</i>					
Prerequisite: Mathematics 080 or 081 with a grade of C or better or placement into Mathematics 219 on the Mathematics Level 3 placement Exam AND a course equivalent to Mathematics 080 or 081.					
CAI 74529	7:30a-10:00a	Tu Th	Staff	SAC H-108	Full Semester
74511	7:30a-10:00a	MW	Ortiz F	SAC H-108	Full Semester
CAI 74545	8:00a-1:20p	F	Bui M	SAC H-108	Full Semester
CAI 74558	10:15a-12:45p	MW	Anthony M	SAC H-108	Full Semester
CAI 74547	10:15a-12:45p	Tu Th	Zarske J	SAC H-108	Full Semester
CAI 74520	1:00p-3:30p	MW	Anthony M	SAC H-108	Full Semester
CAI 74534	2:15p-4:45p	MW	Vu H	SAC L-207	Full Semester
CAI 74531	4:30p-7:00p	MW	Mahan N	SAC H-108	Full Semester
CAI 74523	4:30p-7:00p	Tu Th	Mc Clure C	SAC H-108	Full Semester
CAI 74540	7:15p-9:45p	MW	Ramirez J	SAC H-108	Full Semester
CAI 75556	7:15p-9:15p	Th	Elgindi I	SAC L-207	Full Semester
WV 9:00a-12:00p	Sa		Elgindi I	SAC I-102	
CAI 74517	7:15p-9:45p	Tu Th	Nguyen D	SAC H-108	Full Semester
<b>MATHEMATICS 219H, HONORS STATISTICS AND PROBABILITY 4.0 UNITS</b>					
<i>Enhanced format for the beginning course in statistics and probability, using a seminar approach and computers and individual research, and presentations. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics, with applications designed around the individual interests of students. (Same as Social Science 219H.)</i>					
Prerequisite: Mathematics 080 or 081 with a grade of C or better (or placement into Mathematics 219 on the Mathematics Level 3 placement exam AND a course equivalent to Mathematics 080 or 081) AND a high school or college GPA of 3.0 or higher.					
CAI 74560	1:00p-3:30p	Tu Th	Mc Clure C	SAC H-108	Full Semester
<b>MATHEMATICS 280, INTERMEDIATE CALCULUS 4.0 UNITS</b>					
<i>Vectors and three-dimensional space, functions of several variables, partial derivatives and multiple integrals. Vector calculus, Green's Theorem, Stoke's Theorem and the Divergence Theorem.</i>					
Prerequisite: Mathematics 185, second semester calculus, with a grade of C or better.					
74562	12:00p-2:05p	Tu Th	Sill K	SAC H-104	Full Semester

# MEDICAL ASSISTANT

## MEDICAL ASSISTANT 001, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL 1.0 - 4.0 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: MA 051A with a minimum grade of C MA 055 with a minimum grade of C  
72890 4:00p-5:05p W Seitz C SAC R-307 Full Semester  
Section 72890 meets 8/28, 9/4, 9/11, and 12/4 from 4:00pm to 5:05pm in SAC, R-307.  
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.*

72891 8:00a-12:00p F Emley C SAC R-307 09/20-09/20  
1:00p-5:10p 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.*

72892 3:00p-6:10p Tu Emley C SAC A-210 Full Semester  
72893 6:40p-9:50p 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 grade of C or better.  
72894 2:00p-5:10p M Emley C SAC R-124 Full Semester  
72895 5:30p-8:40p 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.*

72896 12:35p-3:45p W Seitz C SAC F-103 Full Semester  
72985 5:30p-8:40p 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: MA 051A with a minimum grade of C  
72898 1:00p-4:10p Tu Seitz C SAC R-303-1 Full Semester  
72897 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.*

73058 2:10p-5:20p Th Emley C SAC R-307 Full Semester  
72899 6:00p-9:10p Th Emley C SAC R-307 Full Semester

## 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)

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

76658	TBA		Jin J	SAC N-119	Full Semester
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## 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.

72839			Jones E	SAC WEB	Full Semester
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Section 72839 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. ([jones\\_elliott@sac.edu](mailto:jones_elliott@sac.edu))

72791	9:30a-10:50a	MW	Kim J	SAC A-214	Full Semester
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72793	9:30a-10:50a	TuTh	Jin J	SAC C-104	Full Semester
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72795	11:00a-12:20p	MW	Lopez D	SAC C-104	Full Semester
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72801	7:00p-10:00p	Tu	Hung G	SAC C-104	Full Semester
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## 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.

72840	9:30a-10:50a	MW	Jackson M	SAC N-114	Full Semester
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72841	9:30a-10:50a	TuTh	Lopez D	SAC N-114	Full Semester
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72842	7:00p-10:00p	Th	Lopez D	SAC C-104	Full Semester
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## 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.

72843	7:00p-10:00p	M	Bush N	SAC D-105	Full Semester
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## 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.

72847	4:50p-6:55p	M	Jin J	SAC N-106	Full Semester
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## MUSIC 110, FUNDAMENTALS OF MUSIC 3.0 UNITS

Music is explored through lecture, written exercises, melodic and rhythmic performance, and composition. Stresses practical skills necessary for performance. Prepares students for the study of harmony and arranging by examining scales, intervals, and chords. Ability to read music in at least one clef is advised.

72872	11:00a-12:25p	MW	Blake P	SAC N-117	Full Semester
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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.

72871	11:00a-12:50p	MW	Blake P	SAC N-117	Full Semester
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1 hour per week arranged

72873	6:00p-10:00p	Th	Kehlenbach E	SAC N-114	Full Semester
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1 hour per week arranged

## 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.

72879	5:00p-5:55p	Th	Kehlenbach E	SAC N-106	Full Semester
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1 hour per week arranged

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## 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.

Prerequisite: Music 113A.

72880	5:00p-5:55p	Th	Kehlenbach E	SAC N-106	Full Semester
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1 hour per week arranged

## 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.

Prerequisite: Music 112.

72882	6:00p-6:55p	Th	Marr J	SAC N-105	Full Semester
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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.

Prerequisite: Music 114A.

72883	6:00p-6:55p	Th	Marr J	SAC N-105	Full Semester
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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

72955	TBA		Lopez D	SAC C-104	Full Semester
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Section 72955 New students interested in Applied Music instruction should attend the orientation meeting Tues. Aug. 27 5:00-6:00pm C-104. Auditions and other program requirements will be discussed. For more info call 714-564-5655.

## MUSIC 115B, APPLIED MUSIC (PRIVATE INSTRUCTION) 1.0 UNIT

Weekly lesson in voice, piano, band/orchestra instrument or classical guitar covering more advanced repertoire than Music 115A. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. 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

72956	TBA		Lopez D	SAC C-104	Full Semester
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Section 72956 New students interested in Applied Music instruction should attend the orientation meeting Tues. Aug. 27 5:00-6:00pm C-104. Auditions and other program requirements will be discussed. For more info call 714-564-5655.

## MUSIC 115C, APPLIED MUSIC (PRIVATE INSTRUCTION) 1.0 UNIT

Weekly lesson in voice, piano, band/orchestra instrument or classical guitar. Must attend weekly recital and practice 5 hours per week in Music Building. 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

72957	TBA		Lopez D	SAC C-104	Full Semester
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Section 72957 New students interested in Applied Music instruction should attend the orientation meeting Tues. Aug. 27 5:00-6:00pm C-104. Auditions and other program requirements will be discussed. For more info call 714-564-5655.

## MUSIC 115D, APPLIED MUSIC (PRIVATE INSTRUCTION) 1.0 UNIT

Weekly lesson in voice, piano, band/orchestra 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

72958	TBA		Lopez D	SAC C-104	Full Semester
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Section 72958 New students interested in Applied Music should attend the orientation meeting Tues. Aug. 27 5:00-6:00 pm C-104. Auditions and other program requirements will be discussed. For more info call 714-564-5655.

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**MUSIC 121, BEGINNING VOICE****1.0 UNIT**

Group instruction for beginners emphasizing basic principles of solo and choral voice production, diction, breath control, and posture. Practice outside of class required. Recommended for non music majors and for music majors not studying privately.

73094	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
73104	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. Recommended for non music majors and for music majors not studying privately.

Prerequisite: Music 121.

73095	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
73105	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**

Advanced principles of solo and choral vocal production. Includes vocal exercises and song literature in English and other languages. Practice outside of class required. Recommended for non music majors and for music majors not studying privately.

Prerequisite: Music 122.

73096	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
73106	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	

**MUSIC 124, ADVANCED VOCAL PRODUCTION AND REPERTOIRE****1.0 UNIT**

Continuation of group instruction for students who have completed three semesters of voice and can perform at an advanced level. Further develops advanced vocal and choral production in a variety of styles and techniques. Instruction includes advanced English and foreign language song literature. Practice outside of class required. Designed for both music majors and non music majors.

Prerequisite: Music 123.

73097	1:00p-1:55p	M	Jones E	SAC N-117	Full Semester
	1:00p-1:55p	W	Jones E	SAC N-117	
73107	5:00p-5:55p	Tu	Jones E	SAC N-117	Full Semester
	6:00p-6:55p	Tu	Jones E	SAC N-117	

**MUSIC 135, CONCERT CHORALE****1.0 UNIT**

Rehearsal and performance of standard and current choral repertoire. Designed to train students in mixed ensemble singing. Public performance emphasized. Each semester requires performance of a variety of new and different repertoire. Designed for students who have basic singing skills.

74289	2:00p-3:25p	M W	Jones E	SAC N-117	Full Semester
			1.5 hours per week arranged		
74300	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester
			1.5 hours per week arranged		

**MUSIC 136, COLLEGIATE CHOIR****1.0 UNIT**

Mixed chorus which rehearses and performs a variety of music, including classical, folk tunes, and songs from Broadway musicals. Each semester requires performance of new repertoire.

74290	2:00p-3:25p	M W	Jones E	SAC N-117	Full Semester
74301	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester

**MUSIC 137, CHAMBER CHOIR****1.0 UNIT**

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.

Prerequisite: Audition.

74427	3:30p-4:50p	M W	Jones E	SAC N-117	Full Semester
			1 hour arranged each week		

**MUSIC 141, INSTRUMENTAL ENSEMBLES****1.0 UNIT**

Study, rehearsal, and performance of music for small commercial instrumental groups. Music literature will differ each semester. Previous instrumental performance experience recommended. Audition required.

Prerequisite: Audition.

74457	2:50p-5:55p	Th	Lopez D	SAC N-114	Full Semester
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**MUSIC 142, CREATING MUSIC WITH MIDI****1.0 UNIT**

Basic techniques in creating music with computer assisted technology including MIDI sequencing, drum track programming, editing, mixdown and use of software sampler. Students learn MIDI applications through musical projects. Basic skill level on keyboard suggested.

74550	11:30a-12:35p	M W	Kehlenbach E	DMC-204	08/26-10/16
	12:45p-1:35p	M W	Kehlenbach E	DMC-204	

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**

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 143, INTERMEDIATE TECHNIQUES OF MIDI SEQUENCING****1.0 UNIT**

Intermediate techniques of MIDI and computer sequencing including graphic editing, virtual mixing, MIDI effects and use of the sampler. Students learn MIDI applications and electronic composition through musical projects.

Prerequisite: Music 142.

74553	11:30a-12:35p	M W	Kehlenbach E	DMC-204	10/21-12/11
	12:45p-1:35p	M W	Kehlenbach E	DMC-204	

**MUSIC 144, PROJECTS IN ELECTRONIC MUSIC****1.0 UNIT**

Exploration of digital recording and MIDI concepts for commercial applications. Individual projects will improve and extend students' skills in the areas of composition, sequencing, and recording. Assignments will help prepare students for level 1 certification in Logic.

Prerequisite: Music 143 or 147 with a minimum grade of C

74673	11:30a-12:35p	M W	Kehlenbach E	DMC-204	10/21-12/11
	12:45p-1:25p	M W	Kehlenbach E	DMC-204	
74686	6:00p-8:05p	M	Garcia J	DMC-204	10/21-12/11
	6:00p-8:05p	W	Garcia J	DMC-204	

**MUSIC 146, DIGITAL RECORDING STUDIO TECHNIQUES I****2.0 UNITS**

Introductory class in computer-based hard disk recording. Emphasis on digital sound manipulation, editing, mixdown, and microphone techniques.

74704	6:00p-9:20p	M	Garcia J	DMC-204	08/26-10/16
	6:00p-9:20p	W	Garcia J	DMC-204	
74675	12:00p-1:25p	Tu Th	Bush N	DMC-204	08/27-10/17
	1:35p-2:50p	Tu Th	Bush N	DMC-204	

**MUSIC 147, DIGITAL RECORDING STUDIO TECHNIQUES II****2.0 UNITS**

Continuation of Digital Recording Studio Techniques I. Further study of digital sound manipulation including digital effects, compression, equalization, editing on a digital mixer, live recording techniques and CD production.

Prerequisite: Music 146.

74699	6:00p-9:20p	M	Garcia J	DMC-204	10/21-12/11
	6:00p-9:20p	W	Garcia J	DMC-204	

**MUSIC 149, THE BUSINESS OF MUSIC****2.0 UNITS**

Introduction to the business and legal aspects of the music industry. This course covers current trends and issues for performing and recording careers in music. Topics include copyright, royalties, recording contracts, performing rights organizations, publishing, and publicity.

74677	5:50p-7:55p	Tu	Arreguin L	DMC-203	Full Semester
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**MUSIC 161, CLASS PIANO I****1.0 UNIT**

Group instruction for beginners emphasizing note reading, basic keyboard skills, chord patterns and sight reading. Practice outside of class required. Practice pianos available on campus. Required for music majors whose principal instrument is not piano.

73108	12:30p-1:25p	Tu	Jin J	SAC N-106	Full Semester
	12:30p-1:25p	Th	Jin J	SAC N-106	
73511	1:30p-2:25p	M	Blake P	SAC N-106	Full Semester
	1:30p-2:25p	W	Blake P	SAC N-106	
73517	6:00p-6:50p	Th	Kim J	SAC N-106	Full Semester
	7:00p-8:05p	Th	Kim J	SAC N-106	
73505	6:00p-6:50p	Tu	Unal F	SAC N-106	Full Semester
	7:00p-8:05p	Tu	Unal F	SAC N-106	
73523	7:00p-7:50p	M	Jin J	SAC N-106	Full Semester
	8:00p-9:05p	M	Jin J	SAC N-106	



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>MUSIC 162, CLASS PIANO II</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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					
73953	11:00a-11:55a	Tu	Jin J	SAC N-106	Full Semester
	11:00a-11:55a	Th	Jin J	SAC N-106	
73546	6:00p-6:50p	W	Jin J	SAC N-106	Full Semester
	7:00p-8:05p	W	Jin J	SAC N-106	
<b>MUSIC 163, CLASS PIANO III</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<i>Instruction for students who have completed two semesters of piano and are ready for the intermediate level. Emphasizes building technique, sight reading and performance. Daily practice required. Practice pianos available on campus.</i>					
Prerequisite: Music 162.					
73954	11:30a-12:25p	Tu	Jin J	SAC N-106	Full Semester
	11:30a-12:25p	Th	Jin J	SAC N-106	
73547	7:00p-7:50p	W	Jin J	SAC N-106	Full Semester
	8:00p-9:05p	W	Jin J	SAC N-106	
<b>MUSIC 164A, INTERMEDIATE PIANO REPERTOIRE I</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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.					
73955	11:30a-12:25p	Tu	Jin J	SAC N-106	Full Semester
	11:30a-12:25p	Th	Jin J	SAC N-106	
73548	7:00p-8:25p	W	Jin J	SAC N-106	Full Semester
	8:25p-9:05p	W	Jin J	SAC N-106	
<b>MUSIC 164B, INTERMEDIATE PIANO REPERTOIRE II</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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.					
73957	11:30a-12:25p	Tu	Jin J	SAC N-106	Full Semester
	11:30a-12:25p	Th	Jin J	SAC N-106	
73549	7:00p-8:25p	W	Jin J	SAC N-106	Full Semester
	8:25p-9:05p	W	Jin J	SAC N-106	
<b>MUSIC 168, STYLISTIC INTERPRETATION OF PIANO REPERTOIRE</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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: MUS 164B with a minimum grade of C					
73551	7:00p-7:50p	W	Jin J	SAC N-106	Full Semester
	8:00p-9:05p	W	Jin J	SAC N-106	
<b>MUSIC 171, CONCERT BAND</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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>					
74450	7:00p-10:15p	W	Lopez D	SAC N-114	09/04-12/11
<b>MUSIC 175, JAZZ ENSEMBLE</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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>					
74548	7:00p-10:10p	M	Lopez D	SAC N-114	Full Semester
<b>MUSIC 176, JAZZ BAND</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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>					
75748	7:00p-10:10p	M	Lopez D	SAC N-114	Full Semester
<b>MUSIC 178, MARIACHI</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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>					
74456	2:50p-5:55p	Th	Lopez D	SAC N-114	Full Semester
<b>MUSIC 180A, STRING METHODS</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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>					
75751	7:00p-7:50p	Tu	Lopez D	SAC N-114	09/03-12/10
	8:00p-9:05p	Tu	Lopez D	SAC N-114	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>MUSIC 180B, INTERMEDIATE STRING METHODS</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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: MUS 180A with a minimum grade of C					
75750	7:00p-7:50p	Tu	Lopez D	SAC N-114	09/03-12/10
	8:00p-9:05p	Tu	Lopez D	SAC N-114	
<b>MUSIC 181, CHAMBER ORCHESTRA</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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>					
74535	7:00p-10:15p	Tu	Lopez D	SAC N-114	09/03-12/10
<b>MUSIC 185, BEGINNING CLASSICAL GUITAR</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<i>Basic instruction in guitar technique and music nomenclature as related to performance of entry level solo and ensemble repertoire. Student must furnish nylon string guitar.</i>					
W 73975	10:00a-10:55a	Sa	Adele D	SAC N-114	Full Semester
	11:00a-11:55a	Sa	Adele D	SAC N-114	
74130	5:50p-6:40p	M	Giraldin M	SAC N-117	Full Semester
	6:50p-7:55p	M	Giraldin M	SAC N-117	
<b>MUSIC 186, INTERMEDIATE CLASSICAL GUITAR</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<i>Intermediate instruction in solo, duo and trio repertoire. Emphasizes technique studies and performance styles of 18th century music. Student must provide nylon string guitar.</i>					
Prerequisite: Music 185.					
74133	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</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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.					
74134	8:00a-9:40a	M	Giraldin M	SAC N-117	Full Semester
	9:40a-10:05a	M	Giraldin M	SAC N-117	
<b>MUSIC 188, ADVANCED CLASSICAL GUITAR TECHNIQUE AND REPERTOIRE</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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.					
74135	8:00a-9:25a	M	Giraldin M	SAC N-117	Full Semester
	9:25a-10:05a	M	Giraldin M	SAC N-117	
<b>MUSIC 213, THEORY 3</b> <span style="float: right;"><b>3.0 UNITS</b></span>					
<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.					
72877	7:00p-10:00p	Th	Marr J	SAC N-117	Full Semester
<b>MUSIC 215A, APPLIED MUSIC (ADVANCED PRIVATE INSTRUCTION)</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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: MUS 115D and audition and concurrent enrollment in a music ensemble or music theory course.					
72959	TBA		Lopez D	SAC C-104	Full Semester
<b>MUSIC 241, CHAMBER MUSIC ENSEMBLE</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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.					
74431	3:30p-4:55p	M W	Jones E	SAC N-117	Full Semester
74544	7:00p-10:15p	Tu	Lopez D	SAC N-117	09/03-12/10
74303	7:00p-10:10p	Tu	Jones E	SAC N-117	Full Semester
<b>MUSIC 268, INTERMEDIATE KEYBOARD REPERTOIRE</b> <span style="float: right;"><b>1.0 UNIT</b></span>					
<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: MUS 168 with a minimum grade of C					
75746	7:00p-7:50p	W	Jin J	SAC N-106	Full Semester
	8:00p-9:05p	W	Jin J	SAC N-106	

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>MUSIC 271, SYMPHONIC BAND</b>					<b>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>					
74454	7:00p-10:15p	W	Lopez D	SAC N-114	09/04-12/11

## NURSING-REGISTERED

<b>NURSING-REGISTERED 101, NURSING PROCESS: NON-CRITICAL ADULTS</b>					<b>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, English 101H. Concurrent enrollment in Nursing-Registered 101L.					

72750	10:45a-1:00p	W	Rehm A	SAC V-151	Full Semester
	1:00p-3:15p	Th	Schroeder B	SAC B-4	
ALL Registered Nursing 101 students are to pay a Kaplan testing fee. Directions for paying the fee will be explained in class.					
72751	5:00p-8:35p	Th	Paunovic M	SJH	07/25-12/12
ALL Registered Nursing 101 students are to pay a Kaplan testing fee. Directions for paying the fee will be explained in class.					

<b>NURSING-REGISTERED 101L, NURSING ACTIONS: NON-CRITICAL ADULTS</b>					<b>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, English 101H. Concurrent enrollment in Nursing-Registered 101.					

72752	TBA	M Tu	Schroeder B	CAREHOUS	08/26-12/03
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72755 or 72756.					

72753	TBA	M Tu	Rehm A	NNR	08/26-12/03
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72755 or 72756.					

72754	TBA	M Tu	Coliflores R	KINDRED	08/26-12/03
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72755 and 72756.					

<b>W</b> 72755	TBA	Sa	Paunovic M	CAREHOUS	07/27-12/07
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72755 and 72756.					

<b>W</b> 72756	TBA	Sa	Haglund B	KINDRED	07/27-12/07
ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72755 and 72756.					

<b>NURSING-REGISTERED 102, NURSING PROCESS: WOMEN, PARENTS, AND CHILDREN</b>					<b>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. Concurrent enrollment in Nursing-Registered 102L.					

72757	11:45a-1:50p	W	Ettinger B	SAC R-126	Full Semester
	2:40p-4:45p	Th	Ettinger B	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.					

<b>NURSING-REGISTERED 102L, NURSING ACTIONS: WOMEN, PARENTS AND CHILDREN</b>					<b>4.6 UNITS</b>
<i>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.</i>					
Prerequisite: Nursing-Registered 101, 101L, 103, 112; concurrent enrollment in Nursing-Registered 102.					

72758	TBA	M	Bass S	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.					
72759	TBA	M	Ettinger B	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.					
72760	TBA	Tu	Giroux R	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.					

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>NURSING-REGISTERED 103, PHARMACOLOGICAL CONCEPTS OF NURSING</b>					<b>3.0 UNITS</b>
<i>Introduction to pharmacology, dosage calculations, drug classifications and application of nursing process to drug administration. Completion required prior to entry into Nursing-Registered 102/102L.</i>					

Prerequisite: English 101 or English 101H, Biology 239, Biology 249, Biology 139 or 229.					
72779	1:30p-4:40p	W	Paunovic M	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.					

<b>NURSING-REGISTERED 106A, HEALTH SCIENCES SKILLS LABORATORY - FIRST SEMESTER</b>					<b>0.5 UNIT</b>
<i>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.</i>					
Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.					

Open Entry / Open Exit					
72928	TBA	M Tu W Th F Sa	Steckler M	SAC R-203	Full Semester
24 hours to be arranged.					
72929	12:00p-5:00p	Th	Steckler M	SJH	08/01-12/05
24 hours to be arranged.					

<b>NURSING-REGISTERED 106B, HEALTH SCIENCES SKILLS LABORATORY - SECOND SEMESTER</b>					<b>0.5 UNIT</b>
<i>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.</i>					
Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.					

Open Entry / Open Exit					
72930	TBA	M Tu W Th F Sa	Steckler M	SAC R-203	Full Semester
24 hours to be arranged.					

<b>NURSING-REGISTERED 106C, HEALTH SCIENCES SKILLS LABORATORY - FIRST YEAR REFRESHER</b>					<b>0.5 UNIT</b>
<i>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.</i>					
Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.					

Open Entry / Open Exit					
72931	TBA	M Tu W Th F Sa	Steckler M	SAC R-203	Full Semester
24 hours to be arranged.					

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

72780	11:00a-12:25p	Th	Giroux 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.					

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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.  
 72781 4:30p-6:35p W Horgan L SAC R-114 Full Semester  
 Letter of Notification from the Nursing Program is required to register for NRN-200, section 72781.

**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. Concurrent enrollment in Nursing-Registered 201L.  
 72761 1:30p-3:35p W Stucken R SAC R-114 Full Semester  
 1:15p-3:20p Th Nick J SAC A-130  
 ALL Registered Nursing 201 students are to pay a Kaplan testing fee.  
 Directions for paying the fee will be explained in class.  
 72762 5:00p-8:10p Th Stucken R SJH 07/25-12/12  
 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 and concurrent enrollment in Nursing-Registered 201.

72768 TBA Sa Su Horgan L SJH 07/27-12/08  
 ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72766 and 72768.  
 72766 TBA Sa Su Stucken R COL 07/27-12/08  
 ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72766 and 72768.  
 72763 TBA M Nick J UCI 08/26-12/08  
 ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72766 and 72768.  
 Orientation section 72763 is on August 26.  
 72764 TBA M Horgan L SJH 08/26-12/08  
 ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72766 and 72768.  
 Orientation section 72764 is on August 26.  
 72765 TBA Tu Staff COL 08/27-12/08  
 ALL Registered Nursing students must obtain full scheduling information from the Nursing Office, SAC R-213. 240 clinical hours to be arranged. Only students enrolled in the Extended Campus Program may register for sections 72766 and 72768.  
 Orientation section 72765 is on August 26.

**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, 201L; Concurrent enrollment in Nursing-Registered 202L.  
 72769 1:15p-4:20p M Th Haglund B SAC R-114 08/26-11/14  
 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, 201L; concurrent enrollment in Nursing-Registered 202.  
 72772 TBA W Hirsch R 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. Orientation for all groups on August 27.  
 72773 TBA Tu Mixer D 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. Orientation for all groups on August 27.  
 72774 TBA Tu Haglund B 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. Orientation for all groups on August 27.

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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72771 TBA Sa Naraghi A 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. Orientation for all groups on August 27.

**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  
 72932 TBA M Tu W Th F Sa Steckler M SAC R-203 Full Semester  
 24 hours to be arranged.  
 72933 12:00p-5:00p Th Steckler M SJH 08/01-12/05  
 24 hours to be 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  
 72934 TBA M Tu W Th F Sa Steckler M SAC R-203 Full Semester

**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  
 72935 TBA M Tu W Th F Sa Steckler M SAC R-203 Full Semester

## NUTRITION & FOOD

**NUTRITION & FOOD 110, FOOD SANITATION AND SAFETY 3.0 UNITS**  
*Basic principles of sanitation and safety applied to commercial food service operations to comply with state regulations for sanitation certification. Includes certification knowledge of food borne illnesses, and steps of food handling; personal hygiene, procurement, preparation, storage & service and equipment use, care, selection and accident prevention. (Same as Culinary Arts 110)*  
 75758 9:00a-12:10p Tu Larson J SAC T-212 Full Semester

**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.*

75761 Mathot S SAC WEB Full Semester  
 Section 75761 - online instruction. Mandatory orientation meeting on Wed, 08/28, 6:30p-8:30p, SAC I-201. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. Email instructor first week of class ([hewitt\\_sarah@sac.edu](mailto:hewitt_sarah@sac.edu))  
 75759 10:00a-11:25a M W Mathot S SAC T-212 Full Semester  
 75760 6:30p-9:40p W Drozd A SAC T-212 Full Semester

## 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.

74658 Parolise M SAC WEB Full Semester  
 Section 74658-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. ([parolise\\_michelle@sac.edu](mailto:parolise_michelle@sac.edu))

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>OCCUPATIONAL THERAPY ASSISTANT 101, FOUNDATIONS OF OCCUPATION AND OCCUPATIONAL THERAPY 4.0 UNITS</b>					
<i>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.</i>					
74659			Reeder S	SAC WEB	Full Semester
Section 74659-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> )					
<b>OCCUPATIONAL THERAPY ASSISTANT 101L, EXPLORATION OF OCCUPATION THROUGH ACTIVITY 2.0 UNITS</b>					
<i>Clinical experience emphasizing the meaning and variability of occupation through analysis of occupational patterns, task analysis, opportunity to observe teaching and learning of selected populations, and practicing teaching and learning skills.</i>					
Prerequisite: English 101 or 101H, and 3 units of Communication Studies (101 or 101H, or 102 or 140 or 145 or 152).					
74660	6:00p-9:05p	MW	McKenna D	SAC T-210	Full Semester
Section 74660 has 6 hours arranged per semester.					
<b>OCCUPATIONAL THERAPY ASSISTANT 102, PSYCHOSOCIAL FUNCTION AND DYSFUNCTION 4.0 UNITS</b>					
<i>This course will define and explore psychosocial phenomena commonly seen by the Occupational Therapy Assistant and will examine evaluation techniques, functional deficits and methods of treatment.</i>					
Prerequisite: OTA 101 with a minimum grade of C; OTA 101L with a minimum grade of C.					
74661	9:15a-11:20a	Tu Th	Parolise M	SAC T-210	Full Semester
<b>OCCUPATIONAL THERAPY ASSISTANT 102L, PSYCHOSOCIAL COMPONENTS OF OCCUPATION 2.5 UNITS</b>					
<i>This course will explore the occupational therapy assistants' role in conducting assessments and treatment protocols used in pediatric, adolescent, and adult psychosocial settings.</i>					
Prerequisite: Occupational Therapy Assistant 100, 101, 101L.					
74662	12:30p-3:35p	Tu Th	Hyman D	SAC T-210	Full Semester
Section 74662 has 2 hours arranged per week.					
<b>OCCUPATIONAL THERAPY ASSISTANT 103, PHYSICAL FUNCTION AND DYSFUNCTION 4.0 UNITS</b>					
<i>Emphasizes the physical components of development, the continuum of function/dysfunction of the client and the role of the O.T.A. in assessment and treatment of commonly seen physical dysfunction diagnosis.</i>					
Prerequisite: OTA 102 with a minimum grade of C; OTA 102L with a minimum grade of C.					
74663			Parolise M	SAC WEB	Full Semester
Section 74663-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> )					
<b>OCCUPATIONAL THERAPY ASSISTANT 103L, PHYSICAL COMPONENTS OF OCCUPATION 2.5 UNITS</b>					
<i>Explores the Occupational Therapy Assistant's role in conducting assessments and treatment commonly used by occupational therapists with clients across the life span.</i>					
Prerequisite: OTA 102 with a minimum grade of C; OTA 102L with a minimum grade of C.					
74664	6:00p-9:05p	Tu Th	Eastman K	SAC T-210	Full Semester
Section 74664 has 2 hours arranged per week.					
<b>OCCUPATIONAL THERAPY ASSISTANT 110, HUMAN OCCUPATION ACROSS LIFESPAN 3.0 UNITS</b>					
<i>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.</i>					
74665			Parolise M	SAC WEB	Full Semester
Section 74665-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> )					
<b>OCCUPATIONAL THERAPY ASSISTANT 111, APPLIED KINESIOLOGY 1.0 UNIT</b>					
<i>This course will focus on understanding human movement as an integral component of occupational performance and will examine how kinesiology and biomechanics are utilized in treatment by the Occupational Therapy Assistant.</i>					
Prerequisite: Biology 149 or 239 and 249.					
74666	4:00p-5:00p	Tu	Parolise M	SAC T-210	Full Semester

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>OCCUPATIONAL THERAPY ASSISTANT 115, HUMAN DISEASE AND OCCUPATION 2.0 UNITS</b>					
<i>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.</i>					
Prerequisite: Occupational Therapy Assistant 101.					
74667	8:00a-8:55a	Tu Th	Parolise M	SAC T-210	Full Semester
<b>OCCUPATIONAL THERAPY ASSISTANT 201, CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE 4.0 UNITS</b>					
<i>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.</i>					
Prerequisite: OTA 102 with a minimum grade of C; OTA 102L with a minimum grade of C.					
74668			Parolise M	SAC HYBRID	Full Semester
74668	9:00a-12:00p	Sa	Parolise M	SAC T-210	
Section 74668 is online instruction plus mandatory on-campus laboratory meetings on Sat, 09/07, 09/21, 10/05, 10/12, 10/19, 10/26, 11/02, 11/09, 11/16, 11/23, 12/07, 12/14 from 09:00a-12:00p, SAC T-210. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of class. ( <a href="mailto:parolise_michelle@sac.edu">parolise_michelle@sac.edu</a> )					
<b>OCCUPATIONAL THERAPY ASSISTANT 202, LEVEL II FIELDWORK - PART I 6.0 UNITS</b>					
<i>Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply learned knowledge and skills.</i>					
Prerequisite: Occupational Therapy Assistant 103, 103L and 201.					
74669	TBA		Hyman D	SAC	08/26-10/20
Section 74669 has 40 hours arranged per week.					
<b>OCCUPATIONAL THERAPY ASSISTANT 203, LEVEL II FIELDWORK - PART II 6.0 UNITS</b>					
<i>Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply learned knowledge and skills.</i>					
Prerequisite: Occupational Therapy Assistant 103, 103L and 201.					
74670	TBA		Hyman D	SAC	10/21-12/13
Section 74670 has 40 hours arranged per week.					

## PARALEGAL

Paralegal Orientation/Informational meeting 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>.

<b>PARALEGAL 100, THE PARALEGAL PROFESSION 3.0 UNITS</b>					
<i>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.</i>					
74248	8:00a-12:00p	Sa	Lamarra K	SAC A-130	08/31-10/05
	12:30p-4:30p	Sa	Lamarra K	SAC A-130	
74251	9:00a-10:25a	Tu Th	Manzano F	SAC A-205	Full Semester
74243	7:00p-10:10p	M	Smith K	SAC A-210	Full Semester
<b>PARALEGAL 101, LAW OFFICE MANAGEMENT 2.0 UNITS</b>					
<i>Structure and procedures of the law office. Emphasis on organization of filing systems, litigation management, calendaring, tickler systems, indexing and summarizing documents, timekeeping, fees and billing, job search, law office layout.</i>					
Prerequisite: Paralegal 100 or concurrent enrollment.					
75982			Manzano F	SAC WEB	Full Semester
Section 75982 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>					

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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>PARALEGAL 105, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL 1.0 - 4.0 UNITS</b>					
<i>Supervised paid or volunteer experience in student's major including new or expanded responsibilities. One unit of credit for each 5 hours worked per week to a maximum of 4 units for 20 hours work per week each semester. Limitation of 16 units in occupational cooperative education courses. Students must be enrolled in minimum of 7 units.</i>					
73200			Robinson K	SAC WEB	Full Semester
Section 73200 online instruction with mandatory orientation Mon. 8/26, 5:30p-6:25p. SAC-A-205. 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>PARALEGAL 107, PRINCIPLES AND PROCEDURES IN THE CRIMINAL JUSTICE SYSTEM 3.0 UNITS</b>					
<i>Role, responsibilities, interrelationships of segments in justice system; law enforcement, courts, corrections, exposure to procedures from initial entry to probation and/or parole. (Same as Criminal Justice 107.)</i>					
73063	11:30a-12:55p	Tu Th	Manzano F	SAC A-205	Full Semester
74646	7:00p-10:10p	Tu	Alexander R	SAC I-208	Full Semester
<b>PARALEGAL 120, COMPUTERS IN THE LAW OFFICE 4.0 UNITS</b>					
<i>Basic computer concepts for law office personnel. The focus will be on current hardware and software used in the law office.</i>					
73067	6:00p-10:05p	W	Keck E	SAC A-108	Full Semester
<b>PARALEGAL 121, ETHICS AND PROFESSIONAL RESPONSIBILITY 2.0 UNITS</b>					
<i>Ethics and professional responsibility for paralegals: fees, client funds, billing, advertising, solicitation, unauthorized practice, deceit, confidentiality; conflict of interest, suppressing evidence, reporting misconduct and professional practice obligations.</i>					
Prerequisite: Paralegal 100 or concurrent enrollment.					
73115			Manzano F	SAC WEB	Full Semester
Section 73115 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> .					
73116			Manzano F	SAC WEB	09/23-12/13
Section 73116 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> .					
<b>PARALEGAL 132, FAMILY LAW AND PROCEDURE 2.0 UNITS</b>					
<i>Study of basic substantive law and procedures in family law area: Court procedures for divorce, annulment, temporary and permanent support, restraining orders, division of community property, and child custody procedures including adoption and paternity actions.</i>					
Prerequisite: Paralegal 100 or concurrent enrollment.					
73257	6:00p-10:20p	Th	Tanner W	SAC A-205	10/24-12/12
<b>PARALEGAL 135, BANKRUPTCY LAW AND PROCEDURE 2.0 UNITS</b>					
<i>Federal bankruptcy act and court procedures for the paralegal, the functions of the bankruptcy trustee, and a detailed examination of the process of being declared a bankrupt.</i>					
Prerequisite: Paralegal 100 or concurrent enrollment.					
73070	6:00p-10:10p	Th	Tanner W	SAC A-205	08/29-10/17
<b>PARALEGAL 145, CIVIL LITIGATION OVERVIEW 4.0 UNITS</b>					
<i>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.</i>					
Prerequisite: Paralegal 100 or concurrent enrollment.					
73109	9:00a-11:05a	M W	Robinson K	SAC A-205	Full Semester
73110	6:00p-10:10p	Tu	Robinson K	SAC A-205	Full Semester
<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>					
Prerequisite: PARA 100 with a minimum grade of C or Concurrent enrollment.					
73114			Lamarra K	SAC HYBRID	10/12-12/14
	8:00a-12:00p	Sa	Lamarra K	SAC A-130	
	12:30p-4:30p	Sa	Lamarra K	SAC A-130	
Section 73114 online instruction plus mandatory on campus meetings every Sat, 8:00-12:00p and 12:30p-4:30p. SAC A-130. Students are required to logon to Blackboard the first day of class: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
<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>					
Prerequisite: Paralegal 100, with a grade of C or better, or concurrent enrollment.					
73111	7:00p-10:10p	M	Rients D	SAC A-130	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>					
Prerequisite: Paralegal 100, with a grade of C or better, or concurrent enrollment and Paralegal 246 with a grade of C or better.					
73112	6:30p-9:40p	M	Robinson K	SAC A-205	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<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>					
Prerequisite: Students must have a C or better in: Paralegal 100, 101, 120, 121, 246, and either (Business 101 or 105) or all of the following: (Paralegal 107, 130, 131, 136, 137, and 138).					
73118			Manzano F	SAC WEB	Full Semester
Section 73118 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> .					
<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>					
73204			Robinson K	SAC WEB	Full Semester
Section 73204 online instruction with mandatory orientation Mon. 8/26, 5:30p-6:25p. SAC-A-205. Students are required to logon to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					

## 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>					
73348			Ross Jr J	SAC HYBRID	Full Semester
	8:00a-10:05a	Sa	Ross Jr J	SAC H-201	
Section 73348 combines online and in-class instruction. Class will meet on campus every other Saturday beginning 08/31, from 08:00a-10:05a, SAC H-201. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of semester ( <a href="mailto:rossjr_john@sac.edu">rossjr_john@sac.edu</a> ).					
73346	9:00a-11:05a	Tu	Ross Jr J	SAC H-210	Full Semester
73347	6:00p-8:05p	Tu	Phi C	SAC H-201	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>					
73352			Nguyen H	SAC HYBRID	Full Semester
	6:00p-9:45p	M	Nguyen H	SAC H-205	
Section 73352 combines online and in-class instruction. Class will meet on campus every other Monday beginning 08/26, from 06:00p-09:45p, SAC H-205. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of semester ( <a href="mailto:nguyen_hieu@sac.edu">nguyen_hieu@sac.edu</a> ).					
73349	9:00a-12:35p	Th	Nguyen H	SAC H-210	Full Semester
73351	9:00a-12:35p	F	Ross Jr J	SAC H-210	Full Semester
73350	6:00p-9:35p	Th	Nguyen H	SAC H-201	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>					
73355			Ross Jr J	SAC HYBRID	Full Semester
	10:15a-12:20p	Sa	Ross Jr J	SAC H-201	
Section 73355 combines online and in-class instruction. Class will meet on campus every other Saturday beginning 08/31, from 10:15a-12:20p, SAC H-201. Go to <a href="http://www.sac.edu/disted">www.sac.edu/disted</a> for more information. Email instructor first week of semester ( <a href="mailto:rossjr_john@sac.edu">rossjr_john@sac.edu</a> ).					
73353	11:15a-1:20p	Tu	Ross Jr J	SAC H-210	Full Semester
73354	8:15p-10:20p	Tu	Phi C	SAC H-201	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 grade of C or better, 30 wpm typing.					
73356	6:00p-7:25p	M W	Ross Jr J	SAC H-210	Full Semester
	7:40p-10:10p	M W	Ross Jr J	SAC H-210	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<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>					
Prerequisite: Concurrent enrollment in Pharmacy Technology 057. Returning students who took 057 can take PHAR 057L alone.					
Open Entry / Open Exit					
W 75765	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
75763	1:30p-4:45p	M	Nguyen N	SAC H-210	Full Semester
75762	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
W 75764	9:00a-12:00p	Sa	Huynh-Dang K	SAC H-210	Full Semester
75764	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 CQL.</i>					
Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with grades of C or better, 30wpm typing.					
73357	6:00p-10:05p	Tu Th	Nguyen N	SAC H-210	08/27-10/03

<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>					
Prerequisite: Concurrent enrollment in Pharmacy Technology 057. Returning students who took 057 can take PHAR 057L alone.					
Open Entry / Open Exit					
W 75769	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
75767	1:30p-4:45p	M	Nguyen N	SAC H-210	Full Semester
75768	1:30p-4:30p	W	Nguyen N	SAC H-210	Full Semester
75766	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
W 75770	9:00a-12:00p	Sa	Huynh-Dang K	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 grade of C or better, 30 wpm typing.					
73358	9:00a-1:20p	M W	Huynh-Dang K	SAC H-210	Full Semester

<b>PHARMACY TECHNOLOGY 060L, 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 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.</i>					
Prerequisite: Concurrent enrollment in Pharmacy Technology 060. Returning students who took 060 can take PHAR 060L alone.					
Open Entry / Open Exit					
W 75773	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
75771	1:30p-4:45p	M	Nguyen N	SAC H-210	Full Semester
75772	1:30p-4:30p	W	Nguyen N	SAC H-210	Full Semester
75770	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
W 75770	9:00a-12:00p	Sa	Huynh-Dang K	SAC H-210	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>PHARMACY TECHNOLOGY 072, PHARMACY TECHNOLOGY EXTERNSHIP 0.5 - 6.0 UNITS</b>					
<i>On-site training in three pharmacy practice settings. Students must complete the related lab course prior to placement in a specific rotation: PHAR 056 for outpatient, PHAR 057 and PHAR 056 for inpatient, PHAR 060 for sterile products. Students must pass the trade-generic test prior to placement. Some sites require additional screening. Completion of all three rotations (320 hours) required for the advanced certificate. Preceptors may assign NP grade for incomplete or failing competencies. Students receiving NP grades must repeat the rotation hours (40 hours increments).</i>					
Prerequisite: Completion of the following classes are pre-requisites for the respective Externship Rotation: Phar 056: Retail Pharmacy Externship Rotation Phar 057 and Phar 056: Inpatient Externship (hospital) and Retail Externship Phar 060: Sterile Products Externship Classes need to be completed with grades of C or better: current TB clearance; Communication Studies 097, 101, 101H or 102.					
Open Entry / Open Exit					
73362			Huynh-Dang K	SAC H-210	08/19-01/06

<b>PHARMACY TECHNOLOGY 072L1, 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 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.</i>					
Prerequisite: Concurrent enrollment in Pharmacy Technology Externship PHAR 072. Returning students who took PHAR 056 can take PHAR 072L-1 alone.					
Open Entry / Open Exit					
W 75777	9:00a-12:05p	Sa	Nguyen N	SAC H-210	Full Semester
75775	1:30p-4:45p	M	Nguyen N	SAC H-210	Full Semester
75776	1:30p-4:30p	W	Nguyen N	SAC H-210	Full Semester
W 75774	1:30p-4:30p	M W	Nguyen N	SAC H-210	Full Semester
75774	9:00a-12:00p	Sa	Huynh-Dang K	SAC H-210	Full Semester

<b>PHARMACY TECHNOLOGY 080, PHARMACY CALCULATIONS REVIEW 2.0 UNITS</b>					
<i>Review of calculations related to drug dosage, measurements of strength, and preparations of medications. Includes interconversion of units in the metric and common systems of measurements. Emphasis on unit-cancellation for solving pharmacy situation problems.</i>					
Prerequisite: Pharmacy Technology 054.					
73363	11:15a-1:20p	Tu	Ross Jr J	SAC H-210	Full Semester
73364	8:15p-10:20p	Tu	Phi C	SAC H-201	Full Semester

<b>PHARMACY TECHNOLOGY 084, STERILE PRODUCTS UPDATE 4.5 UNITS</b>					
<i>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.</i>					
Prerequisite: Pharmacy Technology 060 with grade of C or better.					
73365	9:00a-10:25a	M W	Huynh-Dang K	SAC H-210	Full Semester
	10:50a-1:20p	M W	Huynh-Dang K	SAC H-210	Full Semester

## PHILOSOPHY

<b>PHILOSOPHY 106, INTRODUCTION TO PHILOSOPHY 3.0 UNITS</b>					
<i>A survey of historical and contemporary ideas on how to live the good life.</i>					
72977	8:00a-9:25a	M W	Shigematsu T	SAC D-105	Full Semester
72982	8:00a-9:25a	Tu Th	Shigematsu T	SAC D-105	Full Semester
72976	9:45a-11:10a	M W	Fish Z	SAC D-102	Full Semester
72979	7:00p-10:10p	Tu	Redoutz M	SAC D-105	Full Semester
72981	7:00p-10:10p	Th	Krogfoss W	SAC I-208	Full Semester

<b>PHILOSOPHY 106H, HONORS INTRODUCTION TO PHILOSOPHY 3.0 UNITS</b>					
<i>An enriched approach designed for honors students. A survey of historical and contemporary ideas on how to live the good life.</i>					
Prerequisite: A high school or college GPA of 3.0 or above.					
72983	9:45a-11:10a	Tu Th	Shigematsu T	SAC D-105	Full Semester

<b>PHILOSOPHY 108, ETHICS 3.0 UNITS</b>					
<i>Introduction to key historical and modern theories of philosophical ethics and the application of these theories to ethical issues facing society today. Assists in clarifying our thinking about morality/ethics. Course increases awareness of values in personal and contemporary issues.</i>					
72984	7:00p-10:10p	W	Fish Z	SAC D-105	Full Semester

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

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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 or 101H with a grade of C or better

H 72990	5:00p-6:50p	M	Fish Z	SAC HYBRID	Full Semester
			Fish Z	SAC D-105	
Section 72990 combines online instruction plus mandatory on campus meetings on Mondays 8/26, 9/23, 10/28, 12/2 from 5:00-6:50pm in room SAC D-105. 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> . Email instructor first week of class. (fish_zachary@sac.edu)					
72989	8:00a-10:05a	Tu Th	Fish Z	SAC A-224	Full Semester
72988	9:45a-11:50a	M W	Shigematsu T	SAC D-105	Full Semester
72987	11:30a-1:35p	Tu Th	Fish Z	SAC D-109	Full Semester
72991	2:00p-4:05p	M W	Brocatto C	SAC D-102	Full Semester
72992	6:30p-8:35p	M W	Redoutey M	SAC D-109	Full Semester

### 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.

72993	12:00p-2:05p	M W	Fish Z	SAC D-105	Full Semester
72994	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.

72995	11:30a-12:55p	Tu Th	Shigematsu T	SAC D-105	Full Semester
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## PHOTOGRAPHY

### PHOTOGRAPHY 009, PHOTOGRAPHY LAB

0.5 UNIT

Sign-in/out supervised laboratory. Work on assignments from other photography courses or on independent projects. Completion of new and more advanced assignments each semester. Accumulation of 24 hours earn 0.5 unit. Requires concurrent enrollment in a photography course. Prerequisite: Concurrent enrollment in a photography course.

Open Entry / Open Exit  
Material Fee(s): \$15.00

74187	5:00p-6:30p	Tu	Goytia-Galvan Y	SAC A-217	Full Semester
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### PHOTOGRAPHY 150, HISTORY OF PHOTOGRAPHY

3.0 UNITS

A survey of the history, aesthetics, and technical evolution of photography including an in-depth view of artistic styles and individual photographers contributions from the 19th century to the present.

74188	6:30p-9:30p	W	Marquez P	SAC C-214	Full Semester
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### 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.

Material Fee(s): \$15.00

74956	8:30a-9:20p	M W	Staff	SAC A-219	Full Semester
	9:30a-10:55a	M W	Staff	SAC A-217	
74960	12:30p-1:20p	M W	Staff	SAC A-219	Full Semester
	1:30p-2:55p	M W	Staff	SAC A-217	
74191	2:30p-3:20p	Tu Th	Goytia-Galvan Y	SAC A-219	Full Semester
	3:30p-4:55p	Tu Th	Goytia-Galvan Y	SAC A-217	

### PHOTOGRAPHY 292, PORTRAIT PHOTOGRAPHY

3.0 UNITS

In this course the student will learn portrait styles and techniques using both natural and artificial lighting in the studio and on location.

Prerequisite: Photography 180 with a minimum grade of C

Material Fee(s): \$15.00

74210	6:45p-7:35p	Tu Th	Goytia-Galvan Y	SAC A-219	Full Semester
	7:45p-9:10p	Tu Th	Goytia-Galvan Y	SAC A-217	

## 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)

🍌 73887	2:00p-5:10p	M	Cai Y	SAC R-309	Full Semester
	2:00p-5:10p	W	Cai Y	SAC R-309	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## 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.

74564	11:00a-12:25p	M W	Raoufi A	SAC R-318	Full Semester
	1:45p-4:55p	M	Raoufi A	SAC R-328	

### PHYSICS 210, PRINCIPLES OF PHYSICS I

4.0 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 grade of C or better.					
74565	7:00p-10:10p	Tu	Neumann B	SAC R-126	Full Semester
	4:15p-7:25p	Th	Neumann B	SAC R-328	
74567	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 or 180H with a grade of C or better.					
74569	11:30a-12:55p	Tu Th	Neumann B	SAC I-204	Full Semester
	8:00a-11:10a	M	Neumann B	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 both with grade of C or better.					
74578	9:45a-11:10a	Tu Th	Neumann B	SAC I-202	Full Semester
	8:00a-11:10a	W	Neumann B	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 grade of C or better.					
74566	7:00p-10:10p	Tu	Neumann B	SAC R-126	Full Semester
	4:15p-7:25p	Th	Neumann B	SAC R-328	
74568	7:00p-10:10p	Tu	Neumann B	SAC R-126	Full Semester
	7:30p-10:40p	Th	De Santos G	SAC R-328	

## 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.

H 73033	5:30p-6:55p	Th	Murphy T	SAC HYBRID	Full Semester
			Murphy T	SAC D-105	

Section 73033 combines online instruction plus mandatory on campus meetings on Thursdays 8/29, 9/26, 10/31, 12/5 AND Wednesday 12/11 from 5:30p-6:55p in SAC D-105. Students are required to log on to Blackboard on the first day of class: <http://rsccd.blackboard.com>. Email instructor the first day of class (murphy\_tim@sac.edu).

73015	8:00a-9:25a	M W	Andrade P	SAC D-101	Full Semester
73023	8:00a-9:25a	M W	Valenzuela E	SAC D-106	Full Semester
73021	8:00a-9:25a	M W	Cargile I	SAC A-210	Full Semester
73026	8:00a-9:25a	Tu Th	Valenzuela E	SAC I-207	Full Semester
73036	8:00a-9:25a	Tu Th	Andrade P	SAC I-103	Full Semester
73016	8:00a-9:25a	Tu Th	Murphy T	SAC D-101	Full Semester
W 73018	9:00a-12:10p	Sa	Petri M	SAC A-210	Full Semester
73017	9:45a-11:10a	M W	Murphy T	SAC D-106	Full Semester
73019	9:45a-11:10a	Tu Th	Valenzuela E	SAC I-102	Full Semester
73037	9:45a-11:10a	Tu Th	Murphy T	SAC D-101	Full Semester
73020	11:30a-12:55p	M W	Murphy T	SAC D-106	Full Semester
73025	11:30a-12:55p	Tu Th	Andrade P	SAC A-214	Full Semester
73029	11:30a-12:55p	Tu Th	Murphy T	SAC D-106	Full Semester
73038	1:15p-2:40p	Tu Th	Andrade P	SAC D-101	Full Semester
73041	4:00p-5:25p	Tu Th	Cargile I	SAC D-105	Full Semester
73030	5:30p-6:55p	Tu Th	Petri M	SAC D-106	Full Semester
73027	7:00p-10:10p	M	Becker C	SAC D-103	Full Semester
73031	7:00p-10:10p	Tu	Petri M	SAC D-101	Full Semester
73024	7:00p-10:10p	W	Becker C	SAC D-303	Full Semester
73028	7:00p-10:10p	Th	Becker C	SAC D-202	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>POLITICAL SCIENCE 101H, HONORS INTRODUCTION TO AMERICAN GOVERNMENTS</b> <b>3.0 UNITS</b>					
A student-oriented exploration of the historical and contemporary principles of American government. Study groups and individual computer-based research focus on basic political concepts of American national and state governments. Satisfies graduation requirement for American Institutions and state requirements for California state government.					
Prerequisite: A high school or college GPA of 3.0 or above.					
73042	9:45a-11:10a	MW	Andrade P	SAC D-434	Full Semester
<b>POLITICAL SCIENCE 200, AMERICAN POLITICAL THOUGHT</b> <b>3.0 UNITS</b>					
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.					
73043	9:45a-11:10a	TuTh	Andrade P	SAC D-103	Full Semester
<b>POLITICAL SCIENCE 201, INTRODUCTION TO COMPARATIVE POLITICS</b> <b>3.0 UNITS</b>					
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.					
73045	8:00a-9:25a	MW	Murphy T	SAC I-208	Full Semester

## PSYCHOLOGY

<b>PSYCHOLOGY 100, INTRODUCTION TO PSYCHOLOGY</b> <b>3.0 UNITS</b>					
An introduction to the major theories, methods, concepts, ethical issues, and findings in the major fields in psychology including (but not limited to): research methods, biological bases of behavior, perception, learning, memory, cognition, emotion, motivation, development, personality, social, and abnormal psychology.					
73470			Ortiz F	SAC WEB	Full Semester
Section 73470 online instruction. No on-campus meetings. 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> . Email instructor first week of class ( <a href="mailto:ortiz_fernando@sac.edu">ortiz_fernando@sac.edu</a> ).					
73442	8:00a-9:25a	MW	Fruht V	SAC D-102	Full Semester
73452	8:00a-9:25a	TuTh	Pedroza J	SAC D-434	Full Semester
73450	9:00a-12:10p	F	Pedroza J	SAC D-434	Full Semester
73447	9:00a-12:10p	Sa	Keo-Trang Z	SAC I-108	Full Semester
73461	9:45a-11:10a	MW	Pedroza J	SAC D-214	Full Semester
73440	9:45a-11:10a	TuTh	Ortiz F	SAC D-106	Full Semester
Section 73440 is linked to Counseling 116, Career/Life Planning and Personal Exploration, Section 72635 and English 101, Freshman Composition, Section 73652. Enrollment in all sections is mandatory. See the Freshman Experience Program page in the class schedule for more information.					
73441	9:45a-11:10a	TuTh	Ortiz F	SAC D-106	Full Semester
73445	11:30a-12:55p	MW	Pedroza J	SAC D-101	Full Semester
Section 73445 is designed to focus on Asian-American issues. Open to all students.					
73468	11:30a-12:55p	MW	Castillo R	SAC D-204	Full Semester
73446	11:30a-12:55p	TuTh	Pedroza J	SAC D-101	Full Semester
73475	1:00p-2:25p	MW	Dulay J	SAC D-101	Full Semester
73448	1:00p-2:25p	TuTh	Ortiz F	SAC A-210	Full Semester
73465	1:15p-2:40p	MW	Castillo R	SAC D-106	Full Semester
73473	2:00p-3:25p	TuTh	Staff	SAC D-106	Full Semester
74246	3:00p-6:20p	MW	Dulay J	SAC D-210	10/21-12/11
73476	4:35p-6:00p	TuTh	Beck K	SAC D-202	Full Semester
73449	7:00p-10:10p	M	Castillo R	SAC D-434	Full Semester
73444	7:00p-10:10p	Tu	Castillo R	SAC D-106	Full Semester
73467	7:00p-10:10p	W	Fruht V	SAC D-305	Full Semester
73451	7:00p-10:10p	Th	Keo-Trang Z	SAC D-208	Full Semester

<b>PSYCHOLOGY 140, INTRODUCTION TO PSYCHOLOGY OF ADULTHOOD AND AGING</b> <b>3.0 UNITS</b>					
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.					
73479	6:00p-9:10p	W	Larson M	SAC D-304	Full Semester

<b>PSYCHOLOGY 157, INTRODUCTION TO CHILD PSYCHOLOGY</b> <b>3.0 UNITS</b>					
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.					
73480	7:00p-10:10p	Th	Castillo R	SAC D-434	Full Semester

<b>PSYCHOLOGY 170, MULTICULTURAL PSYCHOLOGY</b> <b>3.0 UNITS</b>					
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.					
73490	11:30a-12:55p	MW	Ortiz F	SAC D-434	Full Semester

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
<b>PSYCHOLOGY 200, INTRODUCTION TO BIOLOGICAL PSYCHOLOGY</b> <b>3.0 UNITS</b>					
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.					
75681	9:45a-11:10a	MW	Staff	SAC D-101	Full Semester
<b>PSYCHOLOGY 219, INTRODUCTION TO RESEARCH METHODS IN PSYCHOLOGY</b> <b>3.0 UNITS</b>					
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.					
73487	12:00p-12:50p	TuTh	Castillo R	SAC D-434	Full Semester
	1:15p-4:25p	Tu	Castillo R	SAC D-434	
73488	12:00p-12:50p	TuTh	Castillo R	SAC D-434	Full Semester
	1:15p-4:25p	Th	Castillo R	SAC D-434	

<b>PSYCHOLOGY 250, INTRODUCTION TO ABNORMAL PSYCHOLOGY</b> <b>3.0 UNITS</b>					
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.					
73494	9:45a-11:10a	TuTh	Pedroza J	SAC D-434	Full Semester
73492	7:00p-10:10p	Th	Beck K	SAC D-106	Full Semester

## READING

<b>READING N50, GROUNDWORK FOR READING</b> <b>3.0 UNITS</b>					
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.					
73519	1:15p-2:40p	MW	Monahan L	SAC D-307-1	Full Semester
74013	5:30p-6:55p	MW	Monahan L	SAC D-309	Full Semester

<b>READING N80, FUNDAMENTALS OF READING</b> <b>3.0 UNITS</b>					
Instruction in basic reading skills including techniques for improving vocabulary and spelling, word attack skills, and reading comprehension. Not applicable to associate degree.					
73538	8:00a-9:25a	TuTh	Madison M	SAC D-212	Full Semester
73524	8:00a-9:25a	TuTh	Mundala K	SAC D-307-1	Full Semester
73522	9:45a-11:10a	MW	Simmons K	SAC D-107	Full Semester
73521	9:45a-11:10a	TuTh	Madison M	SAC D-205	Full Semester
73527	11:15a-12:40p	TuTh	Simmons K	SAC D-204	Full Semester
73534	11:30a-12:55p	MW	Kossler W	SAC D-307-1	Full Semester
73530	11:30a-12:55p	TuTh	Kossler W	SAC D-309	Full Semester
74010	1:00p-2:25p	MW	Kossler W	SAC D-309	Full Semester
73537	1:00p-2:25p	TuTh	Madison M	SAC D-304	Full Semester
73525	5:30p-6:55p	MW	Kossler W	SAC D-212	Full Semester

<b>READING N90, COLLEGE READING</b> <b>3.0 UNITS</b>					
Instruction in vocabulary, comprehension, critical evaluation and reading rate.					
73541	8:00a-9:25a	TuTh	Gilreath G	SAC D-309	Full Semester
74011	9:45a-11:10a	MW	Mc Roberts M	SAC A-206	Full Semester
73539	9:45a-11:10a	TuTh	Gilreath G	SAC D-309	Full Semester
73545	11:30a-12:55p	MW	Gilreath G	SAC D-309	Full Semester
73544	7:00p-10:10p	W	Monahan L	SAC D-309	Full Semester



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

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



SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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### READING 102, ACADEMIC READING

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.

73503	8:00a-9:25a	MW	Mc Roberts M	SAC D-307-1	Full Semester
73499	9:45a-11:10a	TuTh	Mundala K	SAC D-307-1	Full Semester

### READING 150, CRITICAL READING

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.

73508	8:00a-9:25a	MW	Gilreath G	SAC D-309	Full Semester
73515	9:00a-12:10p	F	Gilreath G	SAC D-309	Full Semester
73513	9:45a-11:10a	MW	Gilreath G	SAC D-309	Full Semester
73509	1:15p-2:40p	TuTh	Gilreath G	SAC D-309	Full Semester

## SCIENCE

### SCIENCE 200, ENVIRONMENT OF MAN

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.)

73836	10:30a-11:55a	TuTh	Morris A	SAC R-318	Full Semester
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## SIGN LANGUAGE

### SIGN LANGUAGE 110, AMERICAN SIGN LANGUAGE I

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

73565	9:30a-10:55a	MW	Collins M	SAC I-206	Full Semester
73567	9:30a-10:55a	TuTh	Yingst S	SAC I-206	Full Semester
73581	6:30p-9:40p	W	Ascherman J	SAC I-206	Full Semester
73583	7:00p-10:10p	Th	Ascherman J	SAC I-206	Full Semester

### SIGN LANGUAGE 111, AMERICAN SIGN LANGUAGE II

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.

73709	11:00a-12:25p	TuTh	Yingst S	SAC I-206	Full Semester
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### SIGN LANGUAGE 112, AMERICAN SIGN LANGUAGE III

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.

74003	5:00p-6:25p	TuTh	Yingst J	SAC I-103	Full Semester
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### SIGN LANGUAGE 114, CLASSIFIERS, FINGERSPELLING, AND NUMBERING

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.

74076	6:30p-7:55p	TuTh	Yingst J	SAC I-103	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## SOCIAL SCIENCE

### SOCIAL SCIENCE 219, STATISTICS AND PROBABILITY

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

Prerequisite: Mathematics 080/081 or 140 with a grade of C or better or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080/081 or 140.

74514	7:30a-10:00a	MW	Ortiz F	SAC H-108	Full Semester
74530	7:30a-10:00a	TuTh	Staff	SAC H-108	Full Semester
74546	8:00a-1:20p	F	Bui M	SAC H-108	Full Semester
74559	10:15a-12:45p	MW	Anthony M	SAC H-108	Full Semester
74557	10:15a-12:45p	TuTh	Zarske J	SAC H-108	Full Semester
74521	1:00p-3:30p	MW	Anthony M	SAC H-108	Full Semester
74537	2:15p-4:45p	MW	Vu H	SAC L-207	Full Semester
74532	4:30p-7:00p	MW	Mahan N	SAC H-108	Full Semester
74526	4:30p-7:00p	TuTh	Mc Clure C	SAC H-108	Full Semester
74543	7:15p-9:45p	MW	Ramirez J	SAC H-108	Full Semester
74518	7:15p-9:45p	TuTh	Nguyen D	SAC H-108	Full Semester
75557	7:15p-9:15p	Th	Egindi I	SAC L-207	Full Semester
W	9:00a-12:00p	Sa	Egindi I	SAC I-102	

### SOCIAL SCIENCE 219H, HONORS STATISTICS AND PROBABILITY

Enhanced format for the beginning course in statistics and probability, using a seminar approach, computers, individual research, and presentations. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics, with applications designed around the individual interests of students. (Same as Mathematics 219H.)

Prerequisite: Mathematics 080/081 with a grade of C or better (OR placement into Mathematics 219 on the Mathematics Level 3 placement exam AND a course equivalent to Mathematics 080/081) AND a high school or college GPA of 3.0 or above.

74561	1:00p-3:30p	TuTh	Mc Clure C	SAC H-108	Full Semester
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## SOCIOLOGY

### SOCIOLOGY 100, INTRODUCTION TO SOCIOLOGY

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.

73391	5:30p-6:30p	Th	Cicchelli G	SAC HYBRID	Full Semester
			Cicchelli G	SAC D-401	

Section 73391 combines online instruction with 5 mandatory on campus meetings on Thursdays 8/29, 9/26, 10/24, 11/21, 12/12 from 5:30-6:30pm in SAC D-401. 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)).

73380	8:00a-9:25a	TuTh	Wood S	SAC D-401	Full Semester
73379	9:45a-11:10a	MW	Wood S	SAC D-108	Full Semester
73388	11:30a-12:55p	TuTh	Staff	SAC D-304	Full Semester
73381	11:30a-12:55p	TuTh	Cicchelli G	SAC I-202	Full Semester
73438	1:00p-4:20p	MW	Govea M	SAC D-209	10/21-12/11

Section 73438 is an Express to Success course. Recommend enrollment in first eight weeks in section 73437. See the Express to Success program page in the class schedule for more information.

73390	1:15p-2:40p	MW	Staff	SAC I-207	Full Semester
73392	5:30p-6:55p	TuTh	O'Dell R	SAC I-107	Full Semester
73383	7:00p-10:10p	W	Staff	SAC I-207	Full Semester
73384	7:00p-10:10p	Th	O'Dell R	SAC I-104	Full Semester

### SOCIOLOGY 112, RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS

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.

73394			Gause T	SAC WEB	Full Semester
	Section 73394 online instruction. No on-campus meetings. 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> . Email instructor first week of class ( <a href="mailto:gause_tiffany@sac.edu">gause_tiffany@sac.edu</a> ).				
73397	11:30a-12:55p	MW	Staff	SAC D-102	Full Semester

### SOCIOLOGY 140, ANALYSIS OF SOCIAL TRENDS AND PROBLEMS

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.

73398	9:45a-11:10a	TuTh	Gause T	SAC I-109	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## SPANISH

### SPANISH 101, ELEMENTARY SPANISH I

5.0 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.

H 75514	7:00p-9:30p	Th	Galvan J	SAC HYBRID	Full Semester
			Galvan J	SAC I-109	

This section has been specifically designed for Spanish native speakers. Open to all students. Section 75514 combines online instruction with 5 mandatory on-campus meetings on Thursdays 8/29, 9/19, 10/17, 11/7 and 12/5 from 7-9:30pm in SAC I-109. Class will use text "Mundo 21". Students are required to log on to Blackboard on the first day of class: <http://rsccd.blackboard.com>.

Email instructor first week of class: ([galvan\\_javier@sac.edu](mailto:galvan_javier@sac.edu))

H 75517	4:30p-6:50p	M	Galvan J	SAC HYBRID	Full Semester
			Galvan J	SAC D-304	

Section 75517 combines online instruction with 5 mandatory on-campus meetings on Mondays 8/26, 9/16, 10/14, 11/4 and 12/2 from 4:30-6:50pm in SAC D-304. Class will use text "Puntos de Partida". Students are required to log on to Blackboard on the first day of class: <http://rsccd.blackboard.com>.

Email instructor first week of class: ([galvan\\_javier@sac.edu](mailto:galvan_javier@sac.edu))

75521	8:00a-10:30a	MW	Guerrero-Phlaum M	SAC D-303	Full Semester
75523	8:00a-10:30a	MW	Ibanez Wing M	SAC I-201	Full Semester

Section 75523 is designed for Spanish native speakers. Open to all students.

75516	10:45a-1:15p	Tu Th	Lopez-Jaurequi L	SAC D-303	Full Semester
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Section 75516 is designed for Spanish native speakers. Open to all students.

75512	10:45a-1:15p	Tu Th	Guerrero-Phlaum M	SAC D-305	Full Semester
75513	10:45a-1:15p	MW	Galvan J	SAC D-303	Full Semester
75528	1:45p-4:15p	Tu Th	Robins T	SAC D-303	Full Semester
75526	2:00p-4:35p	M Tu W Th	Labrit G	SAC I-202	08/26-10/17

Section 75526 is an Express to Success course. Recommend enrollment in second eight weeks in section 75529. See the Express to Success program page in the class schedule for more information.

### 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 grade of C or better.

H 75531	4:30p-6:50p	Tu	Guerrero-Phlaum M	SAC HYBRID	Full Semester
			Guerrero-Phlaum M	SAC D-303	

Section 75531 combines online instruction with 5 mandatory on-campus meetings on Tuesdays 8/27, 9/17, 10/15, 11/12 and 12/3 from 4:30-6:50pm in SAC D-303. Class will use text "Puntos de Partida". Students are required to log on to Blackboard on the first day of class: <http://rsccd.blackboard.com>.

Email instructor first week of class: ([guerrero\\_martha@sac.edu](mailto:guerrero_martha@sac.edu))

H 75537	4:00p-6:50p	Th	Lopez-Jaurequi L	SAC HYBRID	Full Semester
			Lopez-Jaurequi L	SAC D-304	

Section 75537 combines online instruction with 5 mandatory on-campus meetings on Thursdays 8/29, 9/19, 10/17, 11/7 and 12/5 from 4-6:50pm in SAC D-304. Class will use text "Mundo 21". Students are required to log on to Blackboard on the first day of class: <http://rsccd.blackboard.com>.

Email instructor first week of class: ([lopez\\_leticia@sac.edu](mailto:lopez_leticia@sac.edu))

75533	8:00a-10:30a	Tu Th	Guerrero-Phlaum M	SAC D-303	Full Semester
75534	8:00a-10:30a	Tu Th	Lopez-Jaurequi L	SAC D-305	Full Semester

Section 75534 is designed for Spanish native speakers. Open to all students.

75529	2:00p-4:30p	M Tu W Th	Labrit G	SAC I-202	10/21-12/12
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Section 75529 is an Express to Success course. Recommend enrollment in first eight weeks in section 75526. See the Express to Success program page in the class schedule for more information.

75532	4:00p-6:30p	MW	Quezada V	SAC D-303	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.

73259	11:00a-2:10p	W	Guerrero-Phlaum M	SAC A-214	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.

73260	11:00a-2:10p	W	Guerrero-Phlaum M	SAC A-214	Full Semester
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SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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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.

73261	11:30a-2:00p	MW	Lopez-Jaurequi L	SAC D-305	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.

73376	3:45p-6:55p	M	Lopez-Jaurequi L	SAC I-207	Full Semester
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## SPECIAL SERVICES

### SPECIAL SERVICES N83, CAREER EXPLORATION

0.5 UNIT

Designed to assist students in exploration of appropriate career areas. Includes vocational assessment, self-awareness, goal setting, job market outlook, individualized task analysis of jobs, career planning and job search techniques. Open to students with disabilities in the WorkAbility Program. Not applicable to Associates of Arts and Science degrees.

Open Entry / Open Exit

73976	TBA		Staff	SAC L-225	Full Semester
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### SPECIAL SERVICES N84, EMPLOYMENT PREPARATION

0.5 - 3.0 UNITS

A comprehensive course designed to prepare students for the transition between school and employment. Includes identifying appropriate job/career goals, assessing personal strengths, developing skills to obtain employment such as resume writing and interviewing, and utilizing SCAN competencies for employment retention and advancement. Arranged schedule.

Open Entry / Open Exit

74486	TBA		Waller L	SAC L-225	Full Semester
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Section 74486, Employment Preparation is a comprehensive course covering skills necessary for employment success. Areas of study include vocational assessment, identifying appropriate job/career goals, job search strategies, resume preparation, interview skills and employment retention and advancement. Arranged schedule. Open entry/open exit. Variable units 0.5 - 3.0

### SPECIAL SERVICES N91, FUNDAMENTALS OF COGNITIVE LEARNING

0.5 - 1.5 UNITS

Fundamentals of Cognitive Retraining is designed for individuals who have sustained an acquired brain impairment and who are experiencing cognitive difficulties. Instruction focuses on improving attention and concentration, perceptual processing skills and memory. Arranged schedule.

Prerequisite: Verified brain impairment.

Open Entry / Open Exit

73961	TBA		Miller R	SAC M-105	Full Semester
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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

73973	TBA		Dutton Jr D	SAC U-103	Full Semester
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### SPECIAL SERVICES N94, INTERMEDIATE COGNITIVE RETRAINING

0.5 - 1.5 UNITS

Intermediate Cognitive Retraining is designed for students who have sustained and acquired brain impairment. Instruction focuses on the use of compensatory memory strategies, utilizing critical thinking/ problem solving skills and improving organizational skills. Arranged schedule.

Prerequisite: Verified brain impairment.

73970	TBA		Miller R	SAC M-105	Full Semester
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### SPECIAL SERVICES N95, COGNITIVE RETRAINING - ACADEMIC TRANSITION

0.5 - 1.5 UNITS

Cognitive Retraining - Academic Transition is designed for students who have sustained an acquired brain impairment. Instruction focuses on utilizing and applying cognitive skills in the areas of reading, written language and study skills strategies to achieve success in an academic program. Arranged schedule.

Prerequisite: Verified brain impairment

73971	TBA		Miller R	SAC M-105	Full Semester
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## 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.

73368	5:00p-5:55p	Tu	Porter M	SAC I-202	Full Semester
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Connect with people and make a difference . . . Santa Ana College's

## SPEECH-LANGUAGE PATHOLOGY ASSISTANT PROGRAM (SLPA) A PROGRAM IN A HELPING PROFESSION

Explore this rewarding, fulfilling career.

SLP Assistants will be trained to help children and adults improve their communication skills.

Contact the SLPA Department for more information, 714-564-6668.

### SPEECH 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.

73369	6:00p-9:10p	Tu	Winkelmann D	SAC I-104	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.

73370	5:00p-8:10p	M	Miller R	SAC R-126	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: Speech Language Pathology Assistant 120, 150 and 160 with grade of C or better.

73371	6:00p-8:05p	M	Greenhalgh P	SAC I-104	Full Semester
	6:00p-9:10p	Th	Greenhalgh P	SAC I-102	

### 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: Speech Language Pathology Assistant 120, 150, 160; concurrent enrollment in Speech Language Pathology Assistant 180; Application to Department Coordinator required prior to enrollment; Current TB Clearance; Fingerprinting and background check; Current CPR and First Aid Certification.

73372	5:00p-5:55p	Th	Porter M	SAC I-202	Full Semester
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Section 73372 has mandatory on-campus meetings on Aug. 29, Oct. 03, Nov. 07, Dec. 12 from 5p-5:55p, SAC I-202.

### 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: Speech Language Pathology Assistant 180, 190. Application to Department Coordinator required prior to enrollment; current TB Clearance; Fingerprinting and background check; current CPR and First Aid Certification.

73373	5:00p-5:55p	W	Porter M	SAC I-202	Full Semester
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Section 73373 has mandatory on-campus meetings on Aug. 28, Oct. 02, Nov. 06, Dec. 11 from 5p-5:55p, SAC I-202.

## 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.

75060	12:00p-12:50p	Th	Staff	SAC I-102	Full Semester
75062	1:00p-3:05p	Tu	Nguyen M	SAC I-201	10/22-12/10

## TUTORIAL LEARNING CENTER

The SAC Tutorial Learning Center offers FREE tutoring to students taking courses through RSCCD. The Center, located in L-222, provides a variety of tutorial programs and services to help students maximize their learning potential. Tutoring takes place in both one-to-one and small group settings; exam reviews are offered on occasion for some subjects. You can schedule a tutoring appointment by calling 714-564-6260, or by visiting L-222. Investigate the TLC today to see how it can benefit you!

### STUDY SKILLS 109, COLLEGE LEARNING SKILLS

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.

3.0 UNITS

75495			Norwood J	SAC WEB	Full Semester
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Section 75495 Online instruction. Students enrolled must attend one Mandatory Orientation on Monday, August 26th, from 12:00p-1:00p or on Tuesday, August 27th from 6:00p-7:00p. Both Orientations will take place in SAC L-225. Students are required to log on to Blackboard on the first day of class: <http://rsccd.blackboard.com>.

75496			Coffman J	SAC HYBRID	Full Semester
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Section 75496 Combines online instruction plus mandatory on-campus meetings: Mondays 9:30a-10:55a SAC G-107. Go to [www.sac.edu/disted](http://www.sac.edu/disted) for more information.

75482	9:00a-12:10p	F	Sanchez G	SAC I-106	Full Semester
75486	11:00a-12:25p	Tu Th	Sanchez G	SAC G-106	Full Semester
75488	11:30a-12:55p	M W	Sanchez G	SAC G-107	Full Semester
75492	1:00p-2:25p	Tu Th	Sanchez G	SAC I-103	Full Semester
75494	6:00p-9:10p	M	Staff	SAC D-102	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

72749	TBA		Schultz R	DMC-135	Full Semester
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### TV/VIDEO COMMUNICATIONS 010, TELEVISION/VIDEO COMMUNICATIONS

#### ADVANCED LABORATORY

0.5 UNIT

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

Open Entry / Open Exit

72767	TBA		Schultz R	DMC-135	Full Semester
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### 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.

72744	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.

72748	1:00p-4:10p	M	Bales T	SAC A-210	Full Semester
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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.

72745	1:00p-4:10p	W	Bales T	SAC A-210	Full Semester
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72746	7:00p-10:10p	Tu	Bales T	SAC A-210	Full Semester
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### 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.

72747	9:30a-10:55a	M W	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 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.

72792	7:00p-10:00p	Tu	Schultz R	DMC-135	Full Semester
	7:00p-10:00p	Th	Schultz R	DMC-135	

**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 Television/Video 110 or concurrent enrollment recommended.

72794	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 Television/Video Communications 110 and 112 recommended.

72798	7:00p-10:00p	M	Schultz R	DMC-135	Full Semester
	7:00p-10:00p	W	Schultz R	DMC-135	

**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.

72782	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.

72783	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.

72784	7:00p-10:10p	W	Sternsheim S	SAC C-207	Full Semester
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**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 Television/Video Communications 110 recommended.

72800	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.)

72859	3:10p-5:10p	Tu	Cannon C	SAC P-105	Full Semester
	3:10p-6:10p	Th	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 Television/Video Communications 110, 112 and 115A recommended.

72845	6:00p-8:55p	M	Sternsheim S	DMC-103	Full Semester
	9:00p-10:10p	M	Sternsheim S	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 Television/Video Communications 110 recommended.

72865	11:00a-11:50a	Tu Th	Bales T	DMC-135	Full Semester
	12:00p-3:30p	Tu Th	Bales T	DMC-135	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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## TV News

Auditions and orientation for SAC-TV's cable newscasts "Around & About OC" and "Noticiero Latino" will be held Tuesday, August 27 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 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: Television/Video Communications 230A.					
72866	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: Television/Video Communications 230B.					
72867	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: Television/Video Communications 230C.					
72868	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					
72869	TBA		Schultz R	DMC-135	Full Semester
72870	TBA		Bales T	SAC A-210	Full Semester

## 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, playwriting, directing, design, and acting. Attendance at live theatre required.

72902	9:30a-10:55a	Tu Th	Tivenan V	SAC P-105	Full Semester
72903	9:30a-10:55a	M W	Cannon C	SAC P-105	Full Semester
72900	2:30p-3:55p	Tu Th	Tivenan V	SAC C-104	Full Semester

**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.

72906	11:15a-1:20p	M	Cannon C	SAC P-105	Full Semester
	11:15a-12:20p	W	Cannon C	SAC P-105	
	12:30p-1:20p	W		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.					
72909	1:00p-3:00p	Tu	Cannon C	SAC P-105	Full Semester
	1:00p-1:50p	Th	Cannon C	SAC P-105	
	2:00p-3:00p	Th		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.)

72912	3:10p-5:10p	Tu	Cannon C	SAC P-105	Full Semester
	3:10p-6:10p	Th	Cannon C	SAC P-105	

SECTION	TIME	DAYS	INSTRUCTOR	LOCATON / ROOM	DATES
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**THEATRE ARTS 131, STAGECRAFT** **3.0 UNITS**  
*Introduction to technical theatre including basic principles of scenic design; construction, and painting; principles of lighting design, technology and process; plus stage and scene shop procedures. Preparation for on stage crew assignments. Concurrent enrollment in Theatre Arts 135 is recommended.*

72922	2:00p-3:30p	MW	Tivenan V	SAC P-100	Full Semester
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2 hours arranged each week

**THEATRE ARTS 135, TECHNICAL PRODUCTION** **1.0 UNIT**  
*Supervised instruction and practical application in stage production techniques. Each repetition presents more advanced material.*

73035	TBA		Tivenan V	SAC P-100	10/21-12/13
73066	TBA		Tivenan V	SAC P-100	08/26-10/18

**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.*

73001	TBA		Cannon C	SAC P-100	08/26-10/18
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**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.

73032	TBA		Cannon C	SAC P-100	Full Semester
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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.*

75227	7:00p-9:30p	MW	Le V	SAC D-106	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.

75228	7:00p-9:30p	Tu Th	Tran D	SAC D-213	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.)*

75561	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
75564	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.

75580	3:30p-4:55p	W	Moreno G	SAC K-101	Full Semester
75578	12:15p-1:40p	Tu	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** 75593 6:00p-9:30p F Perez J SAC K-101 Full Semester  
8:00a-11:50a Sa Perez J SAC K-101

**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.

75614	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
75620	6:00p-9:40p	MW	Moreno G	SAC K-101	Full Semester
75617	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 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.

75627	8:00a-11:40a	Tu Th	Moreno G	SAC K-101	Full Semester
75639	6:00p-9:40p	MW	Moreno G	SAC K-101	Full Semester
75632	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.

75645	8:30a-12:10p	Tu Th	Moreno G	SAC K-101	Full Semester
75671	6:00p-9:40p	MW	Moreno G	SAC K-101	Full Semester
75649	6:00p-9:40p	Tu Th	Moreno G	SAC K-101	Full Semester
<b>W</b> 75708	6:00p-9:30p	F	Perez J	SAC K-101	Full Semester
	8:00a-11:50a	Sa	Perez J	SAC K-101	

**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

**W** 75710 8:00a-11:10a Sa Staff SAC K-115 Full Semester

## 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.*

72975	7:00p-10:10p	Th	Govea M	SAC I-201	Full Semester
72974	9:45a-11:10a	Tu Th	Govea M	SAC D-304	Full Semester



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## STUDENT SERVICES FEES

# go?

Your fees go to fund these programs and services or to give you discounts:

- Amusement Park Discounts
- ASG Book Loan Program
- Athletic Event Discounts
- Gameroom
- Inter Club Council
- Math Study Center
- Movie Theatre Discounts
- Student Activities Office
- Student Leadership Programs (ASG)
- Transfer Center
- Tutorial Center

Additionally, the Student Services Fee supports academic, cultural, and social programs and activities.

## STUDENT ACTIVITIES FOR FALL 2013

Sponsored by Associated Student Government (ASG) and Inter-Club Council (ICC) of Santa Ana College

### AUGUST

ASG Applications Available

### SEPTEMBER

Welcome Back Events  
National Hispanic Heritage Month  
Mexican Independence Day  
Club Rush  
Constitution Day

### OCTOBER

Blood Drive  
Red Ribbon Week  
Halloween Festivities  
Student Leadership Institute

### NOVEMBER

Homecoming Week  
Native American Heritage Month  
Holiday Drive  
International Festival

### DECEMBER

World AIDS Day  
Operation Santa  
Associated Students Recognition Ceremony

## SANTA ANA COLLEGE FOUNDATION

Established in 1968 and reactivated in 1998, the Santa Ana College Foundation is a non-profit 501(c)3 organization. The Foundation's mission is to maintain, expand and enhance the educational opportunities at Santa Ana College by linking community organizations, businesses, funding sources, alumni and staff, thus preserving our near century of "A History of Success, A Future of Promise."

Here are some ways you can get involved:

- Help strengthen the Foundation and assist with the college's greatest funding priorities with a gift to our unrestricted fund.
- Donate to the General Scholarship Fund or start your own scholarship to help continuing, transferring and incoming students.

- Support the Ed Arnold Golf Classic to assist the Athletic Hall of Fame and student-athletic scholarships.
- Help ignite the mind of a child with a gift to the "Pathways to the Stars" endowment fund that helps to bring over 16,000 youth to our Tessmann Planetarium for educational programs.
- You can "Leave your Legacy" at SAC through a planned gift for the endowment fund or restricted purpose of your choice.

Please visit our web site at [www.sac.edu/community/foundation.htm](http://www.sac.edu/community/foundation.htm) or call us at 714-564-6091 to learn more about the Santa Ana College Foundation.

# SERVICES FOR STUDENTS

## Service Hours

### ADMISSIONS/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 8/31/13 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 .....	8:00 am to 8:00 pm
Friday .....	9:00 am to 1:00 pm
Saturday/Sunday .....	Closed

### LIBRARY USE POLICY

Current enrollment and a valid photo I.D. card is required to check out materials.

### CAFETERIA HOURS

located on second floor of Johnson Campus Center

<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** 714-564-7544

### 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-110** ..... **714-564-6100**  
**Centennial Education Center** ..... **714-241-5720**

RSCCD Counseling Services provide a variety of programs and procedures through which individuals are brought into the instructional program, assisted in career planning and development, assisted in planning for and pursuing courses of study, and provided avenues for obtaining employment. For more information, log on: [www.sac.edu/students/counseling/services.htm](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 departments listed below and we will gladly answer your questions.

#### DSPS MAIN OFFICE/PHYSICAL DISABILITIES

SAC Johnson Center, Room U-103 .....714-564-6264

Services include; intake & verification of disability status, referrals to other DSPS programs on campus, academic advisement, registration assistance, elevator cards, mobility and learning assistance.

#### ASSISTIVE TECHNOLOGY CENTER

SAC Johnson Center, Room U-103 .....714-564-6264

The center provides computer assisted instruction through the use of assistive technology for disabled students.

#### COMMUNICATIONS DISABILITIES/ ACQUIRED BRAIN IMPAIRMENT PROGRAM

SAC Planetarium, Room M-105 .....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 PROGRAM

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

A program for students with learning deficits severe enough to affect classroom performance. Program includes assessment, tutoring, and special classes.

#### PSYCHOLOGICAL DISABILITIES

SAC Johnson Center, Room U-103 .....714-564-6264

The Psychological Disabilities Program is designed to support and assist students with mental and emotional disorders who are attempting to function more independently.

#### WORKABILITY III

SAC Library Building, Room L-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).

### 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, and scholarships.

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)

# ... SERVICES ...

## Service Programs (continued)

### SCHOLARSHIP PROGRAM

**SAC Administration Building, Room S-204** .....714-564-6478  
**Hours: Mon.-Thur. 8:30 am-4:00 pm**

The SAC Scholarship Program offers scholarships to incoming, continuing and graduating/transferring SAC students. The program opens during the first week of November and closes the first week in March. Information and application packets are available in the Scholarship Program office. Awards are announced during a special ceremony in May and funds are available for the following fall semester. Help in how to apply for scholarships is also available.

The Scholarship Program is also available to work with interested business, corporations and individuals to establish new scholarships. Scholarships can be structured to meet the wishes and parameters of the donor and may be given one-time only, in memoriam, in perpetuity, or on an annual renewable basis. For more specific information about the SAC Scholarship Program, contact the Scholarship Program directly at 714-564-6478.

### SERVICE LEARNING

**SAC Johnson Center, Room U-100A** .....714-564-6362

The Service Learning Center is responsible for developing, implementing, and administering comprehensive programs and activities related to community service volunteerism, community partnerships, and service learning. The program connects with many local nonprofit agencies, each of which offer numerous volunteer opportunities. Students then match their skills and interests to the needs of the community agencies and gain valuable personal experience. Many instructors utilize service learning as a course requirement in order to connect student classroom learning with real life experience.

### STUDENT PLACEMENT

**SAC Johnson Center, Room U-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.

### TUTORIAL CENTER

**SAC Johnson Center, Room U-202** .....714-564-6260

**Hours: Mon.-Wed. 9:00 am-6:00 pm, Thur. 9:00 am-4:00 pm, Fri. 9:00 am-12:00 noon**

Free tutoring in a wide variety of subject areas is available at the Tutorial Learning Center. Call or visit the Center to schedule your appointment today. Services include tutoring, group study sessions, exam reviews and study skills information. Make the most of your educational experience at SAC by checking out this valuable resource.

### VETERANS RESOURCE CENTER

**SAC 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 2013

## 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 83.
- IV. Oral Communication Requirement:** See page 83.

**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: 2013–2014

**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
    - 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, 233ABCD, 241, 242, 270, 271, 272
    - Music 101 or 101H, 102 or 102H, 104, 110, 211
    - Philosophy 106 or 106H, 108, 112, 118
    - Sign Language 110, 111, 112, 116
    - TV/Video Communications 101, 103, 104, 105 or 105H
    - Theatre Arts 100, 105

### D. CULTURAL BREADTH

 (Three units required from D1 or D2)

- 1. Ethnic Studies / Women's Studies**
    - Anthropology 104 or 104H, 125
    - Art 103, 104, 106
    - Asian American Studies 101
    - Black Studies 101
    - Chicano Studies 101
    - 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, 105, 140, 145, 150, 160, 167, 170, 180 or 180H, 185, 204, 219 or 219H, 280, 287
    - Philosophy 110 or 110H, 111, 144
    - Reading 102, 150
    - Social Science 219 or 219H

Please see page 50 of the SAC Catalog for requirements for the Associate in Arts for Transfer (AA-T) and the Associate in Science (AS-T) 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.

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 107, 107A, 123, 140, 150, 155, 160, 169, 170, 200, 211, 220A, 220B, 220C, 226, 235, 236, 260, 260A, 260B, 262, 265, 265A, 265B, 290, 292  
Kinesiology, Adapted Activities 201, 202, 202A, 202B, 205, 208, 208A, 208B, 211, 211A, 211B  
Kinesiology, Aerobic Fitness 140, 143, 144, 146, 146A, 146B, 150, 156, 156A, 156B, 157  
Kinesiology, Aquatics 201, 204, 206  
Kinesiology, Fitness 100, 101A, 101B, 101C, 102, 109A, 109B, 109C, 110A, 110B, 110C, 115A, 115B, 115C, 126A, 126B, 126C, 127A, 127B, 127C, 147A, 147B  
Kinesiology, Intercollegiate Athletics 103, 124, 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, 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.

**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.

### 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: 2013–2014 Santa Ana College

These requirements apply to all students. Students planning to graduate from one of the 23 campuses of the California State University must complete 48 semester units in general education breadth courses. A student may complete 39 units of general education at either college in the Rancho Santiago Community College District prior to transfer. Nine semester units of general education coursework must be completed at the upper division level after transfer.

### CERTIFICATION OF GENERAL EDUCATION

1. Santa Ana College is authorized to certify a maximum of 39 general education units.
2. No more than 30 semester units may be certified for areas B through D combined which are described in the next section.
3. Credit/No Credit grades are accepted for certification in all areas, however they are not recommended for transfer credit in basic skill areas. (A. Communication in the English Language and Critical Thinking, A1, A2, and A3; and B. The Physical Universe and Its Life Forms, B4.) In addition, letter grades may be recommended or required for specific courses in a given major. Each CSU campus may also limit the total number of units graded credit.
4. A single course may not meet more than one general education requirement.
5. Requests for certification should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. (Please check deadlines.)
6. Certification of coursework from other colleges will only be granted to students whose last community college of attendance prior to transfer is Santa Ana.
7. Courses taken at other California community colleges will be applied to the subject areas in which they were listed by the institution where the work was completed.
8. Courses taken at other regionally accredited private/out of state institutions (which do not maintain a CSU certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Courses completed at foreign institutions are not acceptable for certification. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information.

**IMPORTANT NOTE:** The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet General Education Breadth requirements will be honored **if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2013 and are valid through Summer 2014.**

### 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  
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, 233D  
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  
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  
Black Studies 101  
Chicano Studies 101  
Communication Studies 206 or 206H  
English 245, 278

Planning to Transfer?

www.assist.org



Your official source for California articulation and student transfer information.

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, 122, 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, 122, 123, 124 or 124H, 127, 146. These courses (in **bold** in D6 above) may also be used to meet 6 of the 9 Area D unit requirements.

**E. Lifelong Learning and Self-Development**

(minimum 3 semester/4 quarter units)

Three units should be selected from below with no more than one unit from E2. Three units of credit are allowed in E for former military personnel with a DD-214.

**E1:**

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 107, 107A, 140, 150, 155, 160, 169, 170, 200, 220A, 220B, 220C, 226, 235, 260, 260A, 260B, 265, 265A, 265B, 290, 292

Kinesiology, Adapted Activities 201, 202, 202A, 202B, 205, 208, 208A, 208B, 211, 211A, 211B

Kinesiology, Aerobic Fitness 140, 143, 144, 150, 156, 156A, 156B, Kinesiology, Aquatics 201, 204, 206

Kinesiology, Fitness 100, 101A, 101B, 101C, 102, 110A, 110B, 110C, 115A, 115B, 115C, 126A, 126B, 126C, 127A, 127B, 127C, 147A, 147B,

Kinesiology, Intercollegiate Athletics 124, 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, 240, 267, 270, 271, 281, 291

# Intersegmental General Education Transfer Curriculum (IGETC) Plan C: 2013–2014 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 "credit" 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 2013 and are valid through Summer 2014.**

## 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; 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 or 233D, 241, 242, 243, 245, 246, 271, 272, 278

French 102, 201\*\* or 201H\*\*, 202\*\* or 202H\*\*

History 101\*\* or 101H\*\*, 102\*\* or 102H\*\*, 150, 151, 153, 163\*

Interdisciplinary Studies 200

Japanese 102

Philosophy 106\*\* or 106H\*\*, 108, 112, 118

Sign Language 111, 112, 116

Spanish 102\*\* or 102H\*\*, 195A, 195B, 201\*\* or 201H\*\*, 202\*\* or 202H\*\*

Vietnamese 102

## AREA 4 - SOCIAL & BEHAVIORAL SCIENCES

3 courses, 9 semester/12-15 quarter units from at least 2 disciplines or an interdisciplinary sequence.

Anthropology 100\*\* or 100H\*\*, 103, 104\*\* or 104H\*\*, 105, 125

Asian American Studies 101

Biology 200

Black Studies 101

Chicano Studies 101

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 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\*\*, 115, 139\*\*, 177, 211, 212, 214, 229\*\*, 239, 249, 259

Environmental Studies 259

## Group C: Laboratory Activity

Anthropology 101L

Astronomy 140

Biology 109L, 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

Geography 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 "0" 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\*\*, 122\*\*, 123, 124\*\*, 124H\*\*, 127, 146.

UC requires the completion of a college course or courses with a grade of "C" or better **OR** a one-year course in high school in U.S. History or a half-year course in U.S. History and a half-year course in American Government with grades of "C" or better (UCLA requires grades of "B"). UCSB requires the completion of a college course. If you are using college coursework to satisfy this requirement, check the appropriate UC catalog to determine which course(s) to take.

\* Courses designated with an asterisk may be counted in one area only.

\*\* Indicates that transfer credit may be limited by either UC or CSU or both. Please consult with a counselor for additional information.

\*\*\* High School transcript must be on file in the admissions office. Please consult with a counselor for additional information.

**SANTA ANA COLLEGE  
SCHOOL OF CONTINUING EDUCATION**

# FREE CLASSES! ENROLL NOW!

**FALL SEMESTER BEGINS AUGUST 26**

**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**

**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)**

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 26! Enroll Today!*

## HOW TO REGISTER FOR FREE CLASSES

Registration for tuition-free, noncredit courses for adults begins August 12, 2013. 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 2013

Registration Begins. . . . . August 12  
Instruction Begins. . . . . August 26  
Labor Day (holiday). . . . . September 2  
Veterans' Day (holiday) . . . . . November 11  
Thanksgiving (holiday) . . . . . November 25–30  
Instruction Ends . . . . . December 21  
Winter Recess. . . . . December 23–January 16



# 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 and higher.

### 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 APPLICATIONS

Provides instruction on current computer applications used in the workplace. Some courses are taught in both English and Spanish.

### COMPUTER BASICS

Hardware and software instruction and “hands-on” experience in troubleshooting, repairing, maintaining and upgrading computers. Provides review and practice for taking the A+ Certification Test.

### ENGLISH AS A SECOND LANGUAGE (ESL)

Provides seven levels of instruction in English language development, including listening, speaking, reading and writing for adults. Additional classes include pronunciation, conversation and writing. 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/Vietnamese and Spanish.

### GED TEST PREPARATION

Prepares adults to pass the GED high school equivalency exam. This course is also offered with bilingual (Spanish/English) instruction.

### 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

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.

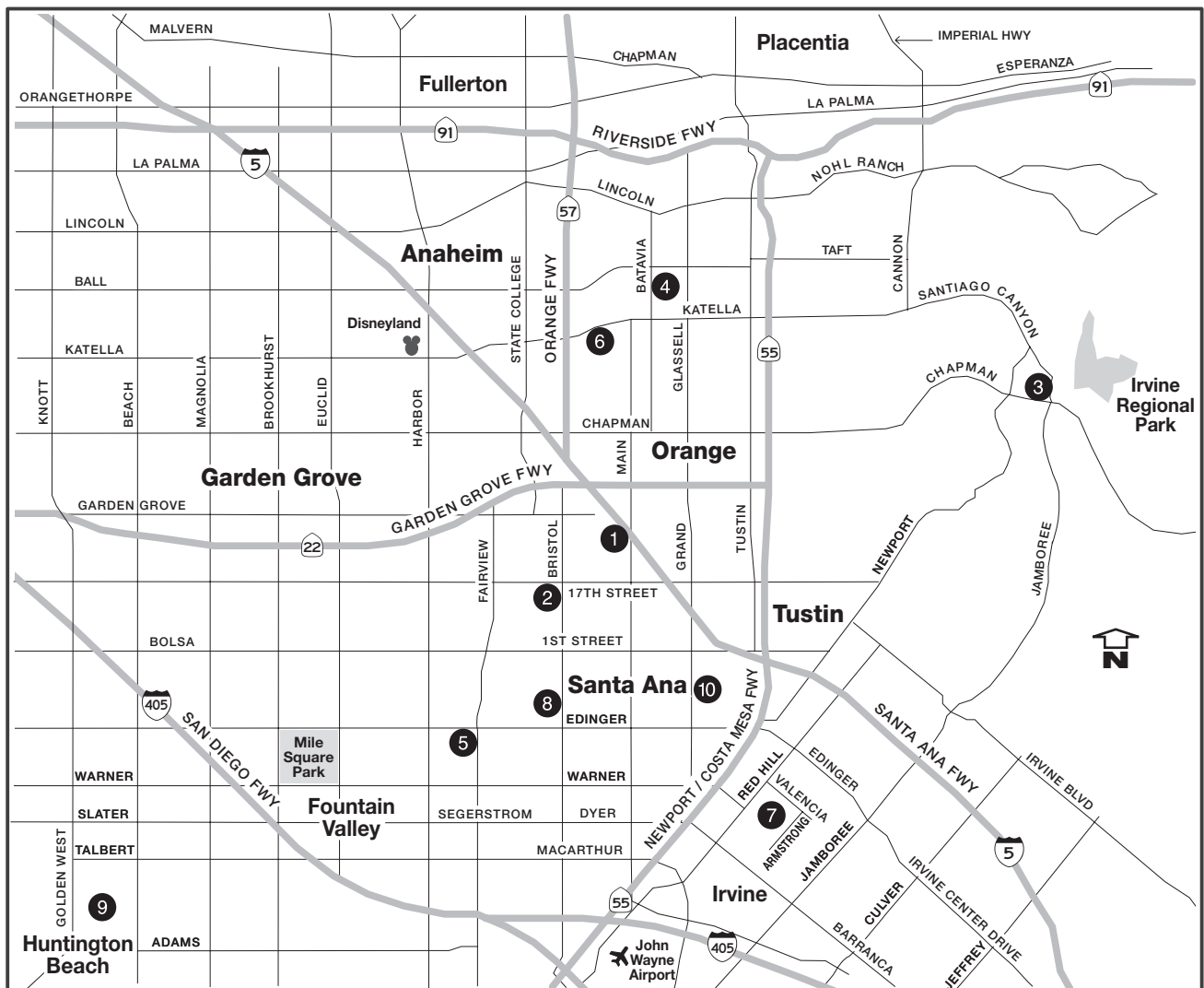


# RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

SANTA ANA COLLEGE • SANTIAGO CANYON COLLEGE

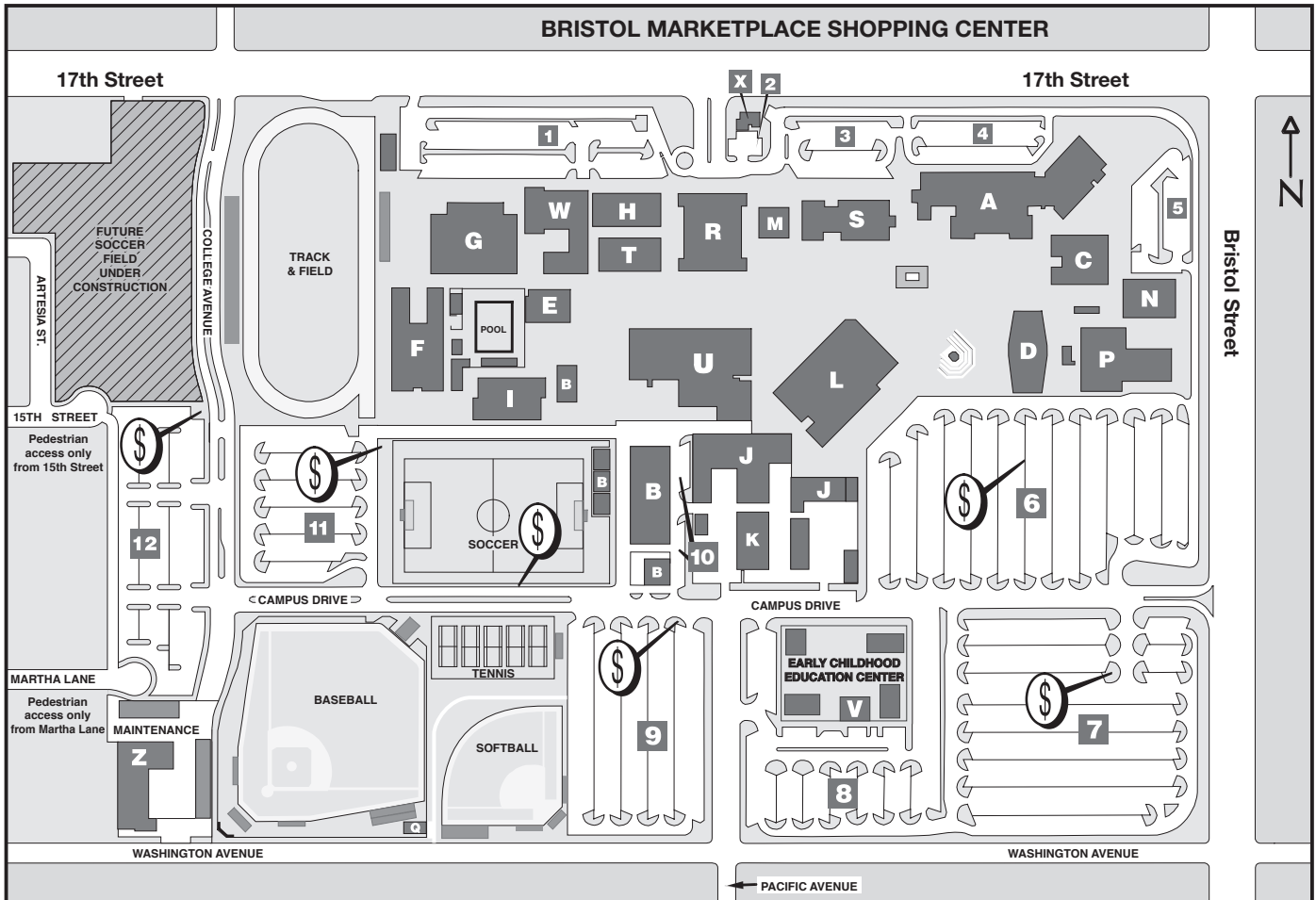
## MAJOR SITES

- 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 Ave.....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



# 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>N</b> Music Building  |
| <b>B</b> Middle College High School                      | <b>P</b> Phillips Hall Theatre   |
| <b>C</b> Fine Arts / Art Gallery                         | <b>Q</b> Concession  |
| <b>D</b> Dunlap Hall / Amphitheatre (west of bldg.)      | <b>R</b> Russell Hall  |
| <b>E</b> Fitness Center                                  | <b>S</b> Administration Building / Admissions / Counseling   |
| <b>F</b> Locker Rooms                                    | <b>T</b> Technical Arts  |
| <b>G</b> Cook Gym  | <b>U</b> Johnson Center / Student Business Office / Bookstore / Cafeteria / International Students Program |
| <b>H</b> Hammond Hall                                    | <b>V</b> Early Childhood Education Center  |
| <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                                 |  |
| <b>M</b> Planetarium                                     |  |

## 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>6-12</b> | Student Parking (except as posted) |                                       |



**SAC IS TOBACCO-FREE**

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