SPRING
Schedule of Classes - Classes begin February 5, 2018
MESSAGE FROM THE PRESIDENT

Welcome to Santa Ana College!

You have made a wise investment in yourself. Your enrollment at SAC reflects your commitment to complete the requirements to earn one of our many Certificates of Achievement, Associate Degrees, transfer to a four-year university or earn a Bachelor of Science degree in Occupational Studies. This is your first act of many that will transform your life! Your decision to begin an educational journey at Santa Ana College can result in opportunities that will help you live a rich, full life. While you travel on your educational pathway, we are here to guide and help you every step of the way. We understand that you may face personal challenges that can hinder your progress and we are here to help you face and overcome these challenges. Please know that we, faculty, staff, and administrators look forward to celebrating every milestone along your educational path. You will find excellent instruction and supportive tutoring and counseling services to help you achieve your educational goals.

Thank you for choosing SAC as the place to begin your journey in higher education!

Linda D. Rose, Ed.D., President

SANTA ANA COLLEGE MISSION STATEMENT

The mission of Santa Ana College is to inspire, transform, and empower a diverse community of learners.
# SPRING 2018
## COLLEGE CREDIT CLASS SCHEDULE
(February 5 – June 3, 2018)

### ADMISSIONS HOURS
(see page 98 for Registration hours)

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Monday – Thursday</td>
<td>8:00 am – 6:45 pm</td>
<td>The college is closed December 23, 2017 through January 1, 2018</td>
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<tr>
<td>Friday</td>
<td>8:00 am – 4:30 pm</td>
<td>Office hours subject to change</td>
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<tr>
<td>Saturday (February 10)</td>
<td>8:30 am – 12:30 pm</td>
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### REGISTRATION CALENDAR

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<th>Date Range</th>
<th>Description</th>
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<tr>
<td>November 13, 2017 – February 4, 2018</td>
<td>Online registration for CONTINUING students</td>
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<tr>
<td>December 5, 2017 – February 4, 2018</td>
<td>New and returning students view your registration appointment online.</td>
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<tr>
<td>January 9 – February 4, 2018</td>
<td>Loss of Priority Registration students</td>
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<tr>
<td>January 16 – February 4, 2018</td>
<td>CAP (concurrent K–12) students register online</td>
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<tr>
<td>February 5 – April 8, 2018</td>
<td>Registration for late-starting classes continues online</td>
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### INSTRUCTIONAL CALENDAR

<table>
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<th>Date</th>
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<tbody>
<tr>
<td>February 5, 2018</td>
<td>Instruction begins for Spring classes (full semester) and first GR8 Weeks classes begin</td>
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<tr>
<td>April 9, 2018</td>
<td>Second GR8 Weeks classes begin</td>
</tr>
<tr>
<td>May 28 – June 3, 2018</td>
<td>Final Exams Week</td>
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### CLASS ADD OR DROP DEADLINES

<table>
<thead>
<tr>
<th>Date</th>
<th>Deadline Description</th>
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<tbody>
<tr>
<td>February 18, 2018</td>
<td>Last date to add a full-semester class with add code</td>
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<tr>
<td>February 18, 2018</td>
<td>Last date to drop a full-semester class and not owe fees</td>
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<tr>
<td>February 18, 2018</td>
<td>Not full-semester courses = 10% of the course – Please refer to the section information via WebAdvisor for a specific section date</td>
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<tr>
<td>February 18, 2018</td>
<td>Last date to drop a full-semester class and NOT receive a “W” grade</td>
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<tr>
<td>February 18, 2018</td>
<td>Not full-semester courses = 10% of the course – Please refer to the section information via WebAdvisor for a specific section date</td>
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<tr>
<td>May 6, 2018</td>
<td>Last date to drop a full-semester class with a “W” grade</td>
</tr>
<tr>
<td>May 6, 2018</td>
<td>Not full-semester courses = 75% of the course – Please refer to the section information via WebAdvisor for a specific section date</td>
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### ACADEMIC FORM DEADLINES

<table>
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<th>Date</th>
<th>Deadline Description</th>
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<tbody>
<tr>
<td>February 23, 2018</td>
<td>Last date to file pass/no pass for first GR8 Weeks classes</td>
</tr>
<tr>
<td>March 9, 2018</td>
<td>Last date to file pass/no pass for full-semester classes</td>
</tr>
<tr>
<td>March 9, 2018</td>
<td>Last date to petition for CSU and IGETC</td>
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<tr>
<td>March 9, 2018</td>
<td>Last date to petition for June certificates</td>
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<tr>
<td>March 9, 2018</td>
<td>Last date to petition for June graduation</td>
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<tr>
<td>April 27, 2018</td>
<td>Last date to file pass/no pass for second GR8 Weeks classes</td>
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### HOLIDAY CALENDAR

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<th>Date</th>
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<tr>
<td>January 15, 2018</td>
<td>Birthday of Martin Luther King, Jr (Monday)</td>
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<tr>
<td>February 16 – 19, 2018</td>
<td>President Holiday (Friday – Monday)</td>
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<tr>
<td>March 30, 2018</td>
<td>Cesar Chavez Day (Friday)</td>
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<tr>
<td>April 2 – 8, 2018</td>
<td>Spring Break (Monday – Sunday)</td>
</tr>
<tr>
<td>May 28, 2018</td>
<td>Memorial Day (Monday)</td>
</tr>
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</table>
TO CONTACT OR LEARN ABOUT . . . | ADMINISTRATOR/CONTACT | LOCATION | TELEPHONE
--- | --- | --- | ---
Academic Computing Center | Mark Dearing | SAC, Cesar Chavez Building, A-106 | 714-564-6731
Acquired Brain Impairment Services | Renee Miller | SAC, Village, VL-204 | 714-564-6267
Add or Drop Class | SAC Registration | SAC Administration Building, S-101 | 714-564-6005
Admissions | Mark Liang | SAC Administration Building, S-101 | 714-564-6005
American Sign Language | Monica Collins | SAC, Dunlap Hall, D-412 | (TDD)714-564-6284
Articulation High Schools/RROPs | | SAC, Russell Hall, R-107 | 714-564-6224
Articulation Universities | Paula Canzona | SAC, Administration Building, S-108 | 714-564-6088
Assistive Technology Center | | SAC, Village, VL-203 | 714-564-6260
Athletics | Doug Manning | SAC, Kinesiology Building, W-102 | 714-564-6900
Bookstore | Bookstore Staff | SAC, Village, VL-302 | 714-564-6435
CalWORKS | Ann Lockhart | SAC, Village, VL-110 | 714-564-6150
Career Development/Career Technical Education (CTE) | Marisela Godinez/Sandy Morris-Pyl | SAC, Library Building, L-222 | 714-564-6254
Cashier’s Office | Cashier Office Staff | SAC, Village, VL-205B | 714-564-6965
Centennial Education Center (CEC) | | CEC, 2900 W. Edinger, Santa Ana, CA 92704 | 714-241-5700
Center for International Trade Development | Lynn Stewart | RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706, Room 328 | 714-564-5414 or 5415
Child Development Services | Janneth Linnell | RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 | 714-490-7546
Santa Ana College | Maria Castellon, Jerelyn Cowan | SAC, Child Development Center, 1730 W. 17th St., Santa Ana | 714-564-6894
Santa Ana College East Campus | Zeferina Gonzalez | 1510 N. Porton, Santa Ana | 714-564-6952
Centennial Education Center | Susan Wahl | CEC, 2900 W. Edinger, Santa Ana | 714-564-6759
Early Head Start | My Le Pham | RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 | 714-490-7544
Clubs/Organizations | | SAC, Village, VL-205A | 714-564-6214
Community Relations | Teresa Mercado-Cota | SAC, Administration Building, S-201 | 714-564-6105
Community Services | Lithia Williams | SAC, Administration Building, S-203 | 714-564-6594
Computer Lab | Mark Dearing | SAC, Cesar Chavez Building, A-106 | 714-564-6731
Continuing Education Division, CEC | | CEC, 2900 W. Edinger, Santa Ana | 714-241-5700
Cooperative Work Experience | | SAC, Cesar Chavez Building, A-103 | 714-564-6750
Corporate Training Institute | Ruth Cosso-Muniz | RSCCD, 2323 N. Broadway, Rm. 328, Santa Ana, CA 92706 | 714-564-5521
Counseling | SAC Counseling Center Staff | SAC, Administration Building, S-112 | 714-564-6103
Criminal Justice, OC Sheriff’s Regional Training Academy | Ron Coopman | 15991 Armstrong Ave., Tustin, 92782 | 714-566-9200
CTE Internships | Theresa Haglebarger | SAC, Cesar Chavez Building, A-107-4 | 714-564-6761
CTE Transitions | Kimberly Mathews | SAC, Russell Hall, R-105 | 714-564-6224
Deaf and Hard of Hearing | Ruth Rodriguez | SAC, Village, VL-203 | (TDD)714-564-6284
Digital Media Center | Gustavo Chamorro | DMC, 1300 S. Bristol Street, Santa Ana, CA 92708 | 714-241-5812
Disabled Student Programs and Services (see page 99) | Veronica Oforlea | SAC, Village, VL-203 | 714-564-6264
Distance Education (Online Classes) | Cherylee Kushida | SAC, Cesar Chavez Building, A-107 | 714-564-6750
DISTRICT SAFETY AND SECURITY | Toni Bland | RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 | 714-490-7331
DIVISIONS/DEPARTMENTS
Business | Madeline Grant | SAC, Cesar Chavez Building, A-103 | 714-564-6750
Career Education & Workforce Development | Bart Hoffman | SAC, Russell Hall, R-107 | 714-564-6800
Counseling | Maria Dela Cruz | SAC, Administration Building, S-106 | 714-564-6078
Fine & Performing Arts | Eve Kikawa | SAC, Cesar Chavez Building, A-109 | 714-564-5600
Humanities & Social Sciences | Shelly Jaffry | SAC, Dunlap Hall, D-435 | 714-564-6500
Human Services & Technology | Bart Hoffman | SAC, Russell Hall, R-107 | 714-564-6800
Kinesiology, Health and Athletics | Doug Manning | SAC, Kinesiology Building, W-102 | 714-564-6900
Science, Math, and Health Sciences | Michelle Priest | SAC, Russell Hall, R-103 | 714-564-6600
DSN, Global Trade & Logistics | Lynn Stewart | RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706, Room 328 | 714-564-5415
DSN, ICT/digital Media | Gustavo Chamorro | DMC, 1300 S. Bristol St., Santa Ana | 714-281-5812
DSN, Retail/Hospitality/Tourism | Ruth Cosso-Muniz | RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706, Room 328 | 714-564-5521
DSN, Small Business | Elizabeth Arteaga | RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706, Room 201 | 714-564-5533
Dual Enrollment Program | Alicia Kruizenga | RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706, Room 350 | 714-490-7460
EMERGENCY | SAC District Safety Staff | SAC, Administration Building, S-101, 2323 N. Broadway, Santa Ana, CA 92706 | 714-564-6333
Emergency Services (Earthquake Preparedness) | Toni Bland | RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706 | 714-490-7330
English as a Second Language | Christine Leon | SAC, Village, VL-110 | 714-564-6232
Financial Aid | Robert Manson | SAC, Village, VL-108 | 714-564-6242
Fire Technology | Don Mahany | SAC, Cesar Chavez Building, A-113 | 714-564-6845
For answers to questions about Santiago Canyon College, call 714-628-4900.
<table>
<thead>
<tr>
<th>TO CONTACT OR LEARN ABOUT . . .</th>
<th>ADMINISTRATOR/CONTACT</th>
<th>LOCATION</th>
<th>TELEPHONE</th>
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<tbody>
<tr>
<td>Foundation</td>
<td>Christina Romero</td>
<td>SAC, Administration Building, S-201</td>
<td>714-564-6091</td>
</tr>
<tr>
<td>Freshman Experience, Learning Communities II</td>
<td>Steve Baustista/Rachel Sosta/Lynn Marocelk</td>
<td>SAC, Administration Building, S-110</td>
<td>714-564-6165</td>
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<tr>
<td>Graduation</td>
<td>Graduation Staff</td>
<td>SAC, Administration Building, S-104</td>
<td>714-564-6052</td>
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<tr>
<td>Hazardous Materials</td>
<td>Yoni Bland</td>
<td>RCCCD District Office, 2323 N. Broadway, Santa Ana</td>
<td>714-480-7330</td>
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<tr>
<td>Health and Wellness Center</td>
<td>Rebecca Barnard</td>
<td>SAC, Village, VL-211</td>
<td>714-564-6216</td>
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<tr>
<td>Honors Transfer Program</td>
<td>Kathy Patterson</td>
<td>SAC, Dunlap Hall, D-428</td>
<td>714-564-6528</td>
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<tr>
<td>Human Resources</td>
<td>Judy Chitik</td>
<td>RCCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706</td>
<td>714-480-7484</td>
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<tr>
<td>I-20 Form</td>
<td>Carmelita Eustaquio</td>
<td>SAC, Village, VL-104</td>
<td>714-564-6047</td>
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<tr>
<td>Information, General</td>
<td>Admissions/Records Staff</td>
<td>SAC, Administration Building, S-101</td>
<td>714-564-6000</td>
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<tr>
<td>International Students</td>
<td>Carmelita Eustaquio</td>
<td>SAC, Village, VL-104</td>
<td>714-564-6047</td>
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<tr>
<td>International Trade Assistance</td>
<td>Leila Mozaffari</td>
<td>RCCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706, Room 201</td>
<td>714-564-6300</td>
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<tr>
<td>Learning Center</td>
<td>Kathy Walczak</td>
<td>SAC, Dunlap Hall, D-307</td>
<td>714-564-6569</td>
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<tr>
<td>Learning Disabilities</td>
<td>Janine Janess</td>
<td>SAC, Village, VL-204</td>
<td>714-564-6260</td>
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<td>Learning Skills Lab (Centennial Education Center)</td>
<td>Mary Stephens</td>
<td>GEC, D-101</td>
<td>714-241-5768</td>
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<td>Library</td>
<td>SAC Library Staff</td>
<td>SAC, Nealley Library</td>
<td>714-564-6700</td>
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<tr>
<td>Lost &amp; Found</td>
<td>SAC District Safety Staff</td>
<td>SAC, Security/Safety Building, X-100</td>
<td>714-564-6330</td>
</tr>
<tr>
<td>MESA (Math, Engineering, &amp; Science Achievement)</td>
<td>Cathie Shaffer</td>
<td>SAC, Library Building, L-206</td>
<td>714-564-6373</td>
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<tr>
<td>Nursing</td>
<td>Becky Miller</td>
<td>SAC, Russell Hall, R-213</td>
<td>714-564-6285</td>
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<tr>
<td>Office of School &amp; Community Partnerships</td>
<td>Alicia Kruzenga</td>
<td>SAC, Administration Building, S-214</td>
<td>714-564-6970</td>
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<tr>
<td>Online Classes/Distance Education</td>
<td>Cherylee Kushida</td>
<td>SAC, Cesar Chavez Building, A-101</td>
<td>714-564-6725</td>
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<tr>
<td>Outreach</td>
<td>Daniel Marquez</td>
<td>SAC, Administration Building, S-213</td>
<td>714-564-6141</td>
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<tr>
<td>Parking</td>
<td>Scott Baker</td>
<td>SAC, Security/Safety Building, X-100</td>
<td>714-564-6330</td>
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<tr>
<td>Psychological Disabilities</td>
<td>Susana Salgado</td>
<td>SAC, Village, VL-205B</td>
<td>714-564-6065</td>
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<tr>
<td>Psychological Services</td>
<td>Susana Salgado</td>
<td>SAC, Village, VL-211</td>
<td>714-564-6216</td>
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<tr>
<td>Public Affairs &amp; Publications (RSCCD)</td>
<td>Judy Iannaccone</td>
<td>RCCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706</td>
<td>714-490-7500</td>
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<tr>
<td>Public Information Office</td>
<td>Melissa Utsuki</td>
<td>SAC, Administration Building, S-204</td>
<td>714-564-5527</td>
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<tr>
<td>Puente Program</td>
<td>Reina Sanabria</td>
<td>SAC, Administration Building, S-134</td>
<td>714-564-6135</td>
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<td>RSCCD District Office</td>
<td>RSCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706</td>
<td>714-480-7460</td>
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<tr>
<td>Registration</td>
<td>SAC Registration Staff</td>
<td>SAC, Administration Building, S-101</td>
<td>714-564-6005</td>
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<tr>
<td>College Research</td>
<td>Janice Love</td>
<td>SAC, Administration Building, S-209</td>
<td>714-564-6644</td>
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<tr>
<td>Residency</td>
<td>SAC Admissions/Records Staff</td>
<td>SAC, Administration Building, S-101</td>
<td>714-564-6005</td>
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<td>Resource Development Department</td>
<td>Sarah Santoyo</td>
<td>RCCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706</td>
<td>714-480-7463</td>
</tr>
<tr>
<td>Scholarships</td>
<td>Christine Cha</td>
<td>SAC, Administration Building, S-201</td>
<td>714-564-6478</td>
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<tr>
<td>Security</td>
<td>Scott Baker</td>
<td>SAC, Security/Safety Building, X-100</td>
<td>714-564-6330</td>
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<tr>
<td>Service Learning Program</td>
<td>Sandy Morris-Pfly</td>
<td>SAC, Library Building, L-222</td>
<td>714-564-6254</td>
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<tr>
<td>Small Business Development Center, Orange County</td>
<td>Leila Mozaffari/Elizabeth Arteaga</td>
<td>RCCCD, 2323 N. Broadway, Rm. 201, Santa Ana, CA 92706</td>
<td>714-564-5200</td>
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<tr>
<td>Spanish Language Telephone Assistance</td>
<td>SACE, Library Services</td>
<td>SAC, Village, VL-211</td>
<td>714-564-6216</td>
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<tr>
<td>Speech Language Pathology Assistant Program</td>
<td>Monica Porter</td>
<td>SAC, Hammond Hall, H-206</td>
<td>714-564-6668</td>
</tr>
<tr>
<td>Student Activities</td>
<td>SAC, Village, VL-205A</td>
<td>714-564-6320</td>
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<tr>
<td>Student Affairs</td>
<td>Alicia Kruzenga</td>
<td>SAC, Administration Building, S-214-1</td>
<td>714-564-6971</td>
</tr>
<tr>
<td>Student Business Office</td>
<td>Jennie Adams</td>
<td>SAC, Village, VL-205B</td>
<td>714-564-6430</td>
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<tr>
<td>(Office of) Student Life</td>
<td>SAC, Village, VL-108</td>
<td>714-564-6211</td>
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<tr>
<td>Student Entrepreneurship Program</td>
<td>Elizabeth Artega</td>
<td>RCCCD District Office, 2323 N. Broadway, Santa Ana, CA 92706</td>
<td>714-564-5202</td>
</tr>
<tr>
<td>Student Government</td>
<td>Nicole Moya</td>
<td>SAC, Village, VL-103</td>
<td>714-564-6214</td>
</tr>
<tr>
<td>Student Leadership Institute</td>
<td>Daniel Marquez</td>
<td>SAC, Village, VL-205A</td>
<td>714-564-6146</td>
</tr>
<tr>
<td>Student Placement</td>
<td>Robert Mansion</td>
<td>SAC, Village, VL-106</td>
<td>714-564-6201</td>
</tr>
<tr>
<td>Student Support Services Program (TRIO)</td>
<td>Romelia Madrigal</td>
<td>SAC, Russell Hall, R-115</td>
<td>714-564-6843</td>
</tr>
<tr>
<td>Student Transition Program</td>
<td>Julia Vercelli</td>
<td>GEC, 2900 W. Edinger, Santa Ana, CA 92704</td>
<td>714-241-5720</td>
</tr>
<tr>
<td>Talent Search (TRIO)</td>
<td>Marco Ramirez</td>
<td>SAC, Library Building, L-220-S</td>
<td>714-564-6182</td>
</tr>
<tr>
<td>Teacher Education Center</td>
<td>Steve Baustista</td>
<td>SAC, Administration Building, S-110</td>
<td>714-564-6352</td>
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<tr>
<td>Testing Information (Assessment Center)</td>
<td>Maria Aguilar Beltran</td>
<td>SAC, Library Building, L-223</td>
<td>714-564-6147</td>
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<tr>
<td>Transcripts</td>
<td>SAC Admissions/Records Staff</td>
<td>SAC, Administration Building, S-101</td>
<td>714-564-6461</td>
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<tr>
<td>Transfer Center</td>
<td>Martha Vargas</td>
<td>SAC, Administration Building, S-110</td>
<td>714-564-6165</td>
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<tr>
<td>U-Link</td>
<td>Rochelle Zook</td>
<td>SAC, Administration Building, S-133</td>
<td>714-564-6416</td>
</tr>
<tr>
<td>Upward Bound (TRIO)</td>
<td>Romelia Madrigal</td>
<td>SAC, Russell Hall, R-115</td>
<td>714-564-6843</td>
</tr>
<tr>
<td>Veterans Resource Center</td>
<td>Brenda Estrada</td>
<td>SAC, Planetarium, M-120</td>
<td>714-564-6050</td>
</tr>
<tr>
<td>Veterans Student Support Services</td>
<td>Brenda Estrada</td>
<td>SAC, Planetarium, M-120</td>
<td>714-564-6050</td>
</tr>
<tr>
<td>Veterans Upward Bound (VUB)</td>
<td>Brenda Estrada</td>
<td>SAC, Planetarium, M-120</td>
<td>714-564-6288</td>
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<tr>
<td>Women Programs/Services</td>
<td>SAC, Administration Building, S-122</td>
<td>714-564-6175</td>
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**VISIT OUR WEBSITES:**

<table>
<thead>
<tr>
<th>SANTA ANA COLLEGE</th>
<th>SANTIAGO CANYON COLLEGE</th>
<th>RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT</th>
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<tr>
<td><a href="http://www.sac.edu">www.sac.edu</a></td>
<td><a href="http://www.sccollege.edu">www.sccollege.edu</a></td>
<td><a href="http://www.rsccd.edu">www.rsccd.edu</a></td>
</tr>
</tbody>
</table>

**ALTERNATE FORMATS**

Upon request, Santa Ana College materials will be available in alternate formats. Please contact DSPS at 714-564-6264.
Step 1: APPLICATION

ADMISSIONS

• Continuing Students
  Continuing students who actively attended Spring 2017 or Fall 2017 may complete registration online via WebAdvisor.

• New Students and Former (Returning) Students
  Students enrolling for the first time or who are returning and did not attend since Spring 2017 must complete an Admission application by applying online at www.sac.edu.

WHO MAY ATTEND

• High school graduates or persons at least 18 years of age who may profit from instruction.

• High school students in Career Advanced Placement Program (CAP)
  The CAP program is designed for high school students. A significant portion of the Santa Ana College curriculum is available to supplement programs of high school students recommended by their principals. Contact the Admissions office for details.
  NOTE: CAP students must bring the CAP form signed by the high school principal, parent/guardian and the appropriate Santa Ana College Division Dean. Due to a new state law, CAP students who wish to take classes at a community college must be assigned low enrollment priority so as not to displace regularly admitted students.

• International Students
  International students are eligible for admission under a student visa (F-1). Apply through the International Student Office, Santa Ana College, for forms and instructions. Deadlines are June 1 for the Fall semester and December 1 for Spring.

Step 2: REGISTRATION

REGISTRATION PRIORITIES

• Active Military/Veterans/Foster Youth/CalWorks and EOPS/DSPS – priority by law

• Athletes

• Continuing

CONTINUING STUDENT

You are a continuing student if you were enrolled in college credit classes at SAC during the Spring 2017 or Fall 2017 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 2017 or Summer 2017 at SAC & SCC only.

• Use any computer to enroll.

• Continuing students who do not meet the early registration deadline may register online until the Sunday 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 714-564-6103.

NEW STUDENT

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

STUDENT SUCCESS AND SUPPORT PROGRAM INFORMATION

Under the Student Success & Support Program (3SP) all new students and returning students (absent more than 3 years) are required to complete the following core services*:

1. Placement Testing in English, Math, or English for Multilingual Students (ESL) prior to registering at SAC or within the first 8 weeks of the following semester. To schedule an appointment for placement testing; go to www.sac.edu/StudentServices/AssessmentCenter.

2. Orientation – when you complete placement testing you will be scheduled for an orientation session.

3. Abbreviated Educational Plan – during orientation you will complete an Abbreviated Educational Plan.

* Not completing these core services may result in loss of priority registration.

Students with an AA degree or higher are exempt from 3SP requirements. You can complete an exemption form in the Counseling Center.

NEW STUDENT REGISTRATION

After you complete an admissions application, you will receive a web advisor log in via email in approximately 3 days. Once you receive your web advisor log in you can view your registration date and locate your student ID number (needed to schedule a testing appointment) by going to user account and looking under “What’s My Student Number.”

CAN’T AFFORD TEXTBOOKS?

Look for the icon!

It means that the materials used in your class are in the public domain or openly licensed. FREE or LOW-COST materials used in that course!
REGISTRATION (Continued)

REGISTRATION BY APPOINTMENT
FORMER STUDENTS AND OTHER NEW STUDENTS
• You may apply and enroll online – www.sac.edu.
• Students can view their registration date online via WebAdvisor.

LATE REGISTRATION & ADD PERIOD (FEB. 5 TO FEB. 18)
• Instructor signature or add codes are required on all adds after the semester begins.
• Use the computer to drop classes through the established drop date (75% of the way through a class). To avoid fees, drop by February 18, 2018 for full-term classes, and 10% of the class for other non full-term classes. Please refer to section information via WebAdvisor.

WAIT LIST POLICY
You are not able to Wait List more than one section per course. You cannot Wait List a course that will conflict with another course. As seats become available, students will be moved into an open seat. You will be notified by email (it is your responsibility to make sure that your e-mail is up-to-date) and will have 3 calendar days to pay for the course or you will be dropped. If your name remains on the Wait List, you must attend the first class meeting and obtain the instructor’s add code to add the course (Log in to WebAdvisor often to check your status on the waitlist).

PAY FEES IMMEDIATELY
Fees must be paid within 3 calendar days (weekends included) of registering for courses or you may be dropped for non-payment. The date that you register counts as the first calendar day.
Pay Online with a credit card at www.sac.edu.
Pay in person at the college cashier’s office locations listed on this page. Payment by check, Visa, MasterCard, American Express, 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

ONLINE REGISTRATION & RECORDS
• Check the college website at www.sac.edu for:
  • Online registration
  • Online counseling
  • Open classes (course availability)
  • View your class schedule
  • Grades from previous semester
  • Admissions and Registration information
  • Print or view unofficial transcripts
  • Request official transcripts online
  • Account summary
  • Change your password or update your email address
  • Add or drop classes
  • Pay fees online immediately

Once the semester begins, you will not be dropped for non-payment. For late starting classes, please check WebAdvisor for drop and refund deadlines to avoid fees.

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
You will not be automatically dropped from your classes after the semester begins. You must drop classes online.

Students who have enrolled and paid for classes and decide not to attend must drop full-semester classes before Sunday, February 18, 2018, to avoid fee charges. Classes dropped after that date will appear on the student record with a “W” grade. 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, February 18, 2018 to avoid Academic Hold and “W” grade.
• Even if you do not attend the class, after the semester begins, you owe the fees unless you drop the class before Sunday, February 18, 2018.
SPRING 2018 REGISTRATION

is available for continuing students enrolled at SAC during Spring 2017 or Fall 2017. 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.

WebAdvisor
REGISTRATION Step-by-Step

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

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

BACCALAUREATE TUITION
The upper division coursework fee: $84.00 per unit in addition to the enrollment fee ($46.00 per unit) for 300 and 400 level courses. (Not eligible for Board of Governor Fee Waiver.) Payment is required of all students upon registration for classes. These fees are subject to change.

NON-RESIDENT TUITION
Non-resident Tuition: $285.00 per unit in addition to the per enrollment fee for out of state residents and a foreign country residents. Refer residency questions to the Admissions office.

HEALTH FEE
A health fee of $19.00 per semester ($16.00 for summer and intersession) is charged to all students whether or not they choose to use health services. Health Fee Exemptions (Education Code 76355)
1. Any student who depends exclusively upon prayer for healing in accordance with the teachings of a bona fide religious sect, denomination, or organization, provided that the student presents documentary evidence of an affiliation with such a bona fide religious sect, denomination, or organization.
2. Any student enrolled in an approved Apprenticeship Program. A request for an exemption may be filed at the Admissions & Records Office.

COLLEGE ACTIVITIES FEE
A Student Life and Leadership Fee of $10.00 is payable at Registration for classes at SAC. Payment for the Student Life and Leadership Fee is Optional. See page 98 for the list of fee benefits. The Photo ID is available at the Cashier's Office, room VL-205B at Santa Ana College, FREE of charge.

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.

REPRESENTATION FEE
$2.00 at SAC. $1.00 at SCC

FINANCIAL ASSISTANCE INFORMATION & FEE WAIVER FORM ARE LOCATED AT THE END OF THIS BOOK

ESTIMATED COST

ENROLLMENT FEE
$46 x _____ = _______

BACCALAUREATE TUITION
$84 x _____ = _______

NON-RESIDENT TUITION
$285 x _____ = _______

HEALTH FEE
($19)

TOTAL

REFUNDS

Refunds will be automatically processed weekly beginning the third week of the semester. To request a refund prior to the third week of the semester, please contact the Cashier’s Office (714-564-6965). Refunds will be issued in the following manner: credit card payments will be returned as a credit to the initiating card and check refunds will be issued for cash and check payments. Refunds on check payments will be processed after a 14 day clearing period.

Refund of Registration Fees
Students who withdraw from full semester classes by Sunday, February 18, 2018, 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 VL-205B.

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 VL-205B, or the Cashier’s Office at SCC.

Fees are due immediately upon registration.
Fees must be paid within 3 calendar days of registering for courses or you may be dropped for non-payment. The date that you register counts as the first calendar day.

Once the semester begins, you will not be dropped for non-payment. For late starting classes, please check WebAdvisor for drop and refund deadlines to avoid fees.

Buy your textbooks,
SAC gear & supplies
online at:
www.donbookstore.com

SPRING 2018 books sold online
beginning the 2nd week of
January.

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

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

FEE PAYMENT OPTIONS

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

1. ONLINE
   • Payment by credit card via the college website.
   • Santa Ana College: www.sac.edu

2. BY MAIL
   Send to: Santa Ana College Cashier’s Office, 1530 W. 17th Street, Santa Ana, CA 92706.

3. IN PERSON
   Santa Ana College: Fee payments are made in the Cashier’s Office in room VL-205B.
PLACEMENT TESTING

WHO should complete testing?
• All new and returning students per the state mandates under the Student Success & Support Program (3SP).
• If you plan to enroll in English, EMLS/ESL, Reading, Math, and some Science courses.
• For more information go the Counseling Division homepage on the SAC website and look under Student Success & Support Program (3SP).

WHAT if I tested at another college?
• You can bring a copy of the placement results in English, Reading, and Math which must include your name, name of the placement test(s), the raw score, test date(s), and class placement to the Assessment Center (L-223) for review. You can also meet with a Counselor in the Counseling Division located in S-110.
• English results are good for two years.
• Math results are good for 1 year.
• ESL test scores from other institutions are not accepted.

TYPES of placement tests that you might take
• College Test of English Placement (CTEP). This test is for students that have studied English and/or ESL in school for at least seven years or who use English on a daily basis.
• Test of English Language Development (TELD). This test is for students who have not studied English for seven years or who do not use English as their primary language.
• If you are not certain of which test CTEP or TELD to take, please talk with a Counselor.
• College Test of English Placement (CTEP-Reading Comprehension). This test is used to determine reading comprehension.
• Math Diagnostic Testing Project (MDTP). This test is for math and has four levels that you will choose from based on your previous math preparation.

HOW do I complete testing?
1. New students must first submit an online application to the college. After approximately 3 days you will receive your WebAdvisor log in.
2. Locate your student ID number in your WebAdvisor under user account, “What’s My Student Number”.
3. Schedule a placement test appointment online at www.sac.edu/assessmentcenter.
4. Computer based English, Reading, and Math tests are offered on a drop-in basis throughout the semester.
5. Continuing students can also schedule an appointment online or drop-in throughout the semester.
6. A more detailed testing schedule for Spring 2018 is on page 9 of this schedule.
7. After testing you will be scheduled for a new student orientation & advisement with a Counselor. The Counselor will explain your results, give you information about the college, programs and services, as well as develop an Abbreviated Educational Plan (two semester plan of initial classes you can take).
8. Accommodations for students with disabilities should be approved by the Disabled Student Program & Services (DSPS) Office prior to testing. You can contact DSPS at 714-564-6264 to obtain an accommodation referral for placement test accommodations.

HOW can I prepare?
• You can visit the Assessment Center website at www.sac.edu/assessmentcenter to get access to sample questions for the CTEP, TELD, and MDTP.
• You can click on “Preparing for Math Placement Test Website” and use the handout to access the MyMathTest online to practice.
• There is also a link to the Khan Academy which offers videos that can you prepare for the test.
• SAC students can also access the Math Center to help you prepare for the math (MDPT) placement test. You will need a referral from a Counselor.

RIGHT TO APPEAL
Students who feel that they have been treated in a discriminatory manner, or would like to appeal their recommended placement level, may file a complaint about any aspect of the college’s assessment and course placement services with the Dean of Counseling. Call 714-564-6078

STEPS TO SUCCESS FOR NEW SAC STUDENTS
• In an effort to promote student success, the state has mandated (effective Fall 2014) that all entering students complete English & math placement testing, orientation & advisement, and develop an abbreviated educational plan. These requirements can be met by following these steps:
  1. Take the English and Math or ESL placement tests (appointments can be made at www.sac.edu/assessmentcenter).
  2. Attend a new student orientation and advisement session (an appointment will be scheduled after you complete your placement tests).
  3. Create an Abbreviated Educational Plan, which will be done during the orientation and advisement session.
If you completed placement testing at another college, bring your test results (must show test score & class placement) to the Counseling Center.

HAVE YOU COMPLETED 15 DEGREE APPLICABLE UNITS?
Students must also identify their major by the time they complete 15 degree applicable units and receive advisement towards the development of a comprehensive educational plan. This can be done by enrolling in Counseling courses, attending an education planning workshop, or by scheduling an appointment with a counselor.

REGISTRATION HOLD
• If these requirements are not met a registration hold will be placed on your records for the subsequent semester.

LOSS OF BOG FEE WAIVER
• Effective Fall 2016 you will lose your BOG fee waiver if you are on academic or progress probation for 2 consecutive semesters.
SEMESTER GRADES ARE DUE IN THE ADMISSIONS OFFICE ON THURSDAY, JUNE 7, 2018.

TESTS – PLACEMENT & FINAL EXAMINATIONS

SANTA ANA COLLEGE SPRING 2018

PLACEMENT TESTING SCHEDULE

The dates below require that students have a testing appointment. To schedule an appointment for the following dates listed below you may go to www.sac.edu/assessmentcenter

• ELIGIBILITY FOR TESTING:
  1. Must have submitted a completed application to the college and logged in to Web Advisor and located your student ID number under user account “What's My Student Number”.
  2. Have not previously tested during the last semester for English, Reading and Math or last year for ESL.
  3. Must have picture I.D.

• An orientation and advisement appointment where you will receive test results as well as assistance in developing an abbreviated educational plan will be scheduled for you when you complete testing

• Please arrive 30 minutes early

<table>
<thead>
<tr>
<th>DATE</th>
<th>CTEP (Eng/Read) – Room L-223</th>
<th>MATH – Room L-223</th>
<th>TELD (EMLS) – Room L-223</th>
<th>MATH – Room L-223</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, December 18</td>
<td>9:00a</td>
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<tr>
<td>Tuesday, December 19</td>
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<tr>
<td>Wednesday, December 20</td>
<td>9:00a</td>
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<td>Thursday, December 21</td>
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<tr>
<td>Monday, January 1</td>
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<tr>
<td>Tuesday, January 2</td>
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<td>Wednesday, January 3</td>
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<tr>
<td>Thursday, January 4</td>
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<td>Monday, January 8</td>
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<td>Tuesday, January 9</td>
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<td>Wednesday, January 10</td>
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<td>Thursday, January 11</td>
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<tr>
<td>Monday, January 15</td>
<td>HOLIDAY</td>
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<td>Tuesday, January 16</td>
<td>9:00a</td>
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<td>6:00p</td>
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<tr>
<td>Wednesday, January 17</td>
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<td>7:30p</td>
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<tr>
<td>Thursday, January 18</td>
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<td>10:30a &amp; 7:30p</td>
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<tr>
<td>Monday, January 22</td>
<td>9:00a &amp; 6:00p</td>
<td>10:30a &amp; 7:30p</td>
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<tr>
<td>Tuesday, January 23</td>
<td>9:00a &amp; 6:00p</td>
<td>10:30a &amp; 7:30p</td>
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<tr>
<td>Wednesday, January 24</td>
<td>9:00a</td>
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<td>10:30a</td>
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</tbody>
</table>

During the regular semester paper and pencil CTEP and TELD tests will be rotated every Monday and Tuesday at either 9:00a or 6:00p, appointments for the paper and pencil placement tests are required. A computer-based CTEP and Math is available on a walk-in basis during our hours of operation (no appointment required) please check for times testing is available.

MATH ONLY PLACEMENT TESTS WEDNESDAYS: January 3 at 1:00p, January 10 at 4:00p, January 17 at 1:00p, and January 24 at 1:00 and 4:00p.

CHEMISTRY 219 PLACEMENT 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 Assessment Center, Room L-223 on the second floor of the library building on the Santa Ana Campus. The test will be given on the first Thursday of each month when school is in session at 1:00p and 4:00p, as well as on January 18 at 1:00p and 4:00p.

SANTA ANA COLLEGE SPRING 2018 FINAL EXAMINATION SCHEDULE

Final exams will be given during the last week of the semester during regular scheduled class hours. The last day of instruction is Sunday June 3, 2018. Final exams may be given during one class session or a combination of class sessions, as designated by the instructor; check with individual instructors for exact date.

SEMESTER GRADES ARE DUE IN THE ADMISSIONS OFFICE ON THURSDAY, JUNE 7, 2018.
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 99 of this schedule for more information.

NONDISCRIMINATION POLICY
The Rancho Santiago Community College District is committed to equal opportunity in educational programs, employment, and 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 or ethnicity, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status, 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.

The Chancellor shall establish administrative procedures that ensure all members of the college community can present complaints regarding alleged violations of this policy and have their complaints heard in accordance with the Title 5 regulations and those of other agencies that administer state and federal laws regarding nondiscrimination.

No District funds shall ever be used for membership, or for any participation involving financial payment or contribution on behalf of the District or any individual employed by or associated with it, to any private organization whose membership practices are discriminatory on the basis of national origin, religion, age, gender, gender identity, gender expression, race, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status, or because he or she is perceived to have one or more of the foregoing characteristics, or because of his or her 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: Judy Chitlik, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.

POLITICA DE NO DISCRIMINACION
El Distrito está comprometido a ofrecer la igualdad en oportunidades para programas educativos, empleos, y a todo acceso a los programas institucionales y actividades.

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 o etnicidad, color, condición médica, información de genética, descendencia familiar, orientación sexual, estado civil, incapacidad física o mental, embarazo, categoría militar o de veterano, 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.

El Canciller debe establecer procedimientos administrativos para asegurarse que todos los miembros de la comunidad del colegio puedan presentar quejas sobre supuestas violaciones a esta política y que sus quejas sean escuchadas de acuerdo a los reglamentos señalados en el Título 5 y por aquellos de otras agencias que administren las leyes estatales y federales sobre la no discriminación.

Ningún fondo del Distrito debe ser utilizado para la mercadeo, o para la participación incluyendo pagos financieros o contribuciones hechas a organizaciones privadas de parte del Distrito o de cualquier individuo empleado por el Distrito o con asociación, cuyas prácticas de membresía son discriminatorias en base a lugar de nacimiento, religión, edad, sexo, identidad de género, expresión del género, raza, color, condición médica, información de genética, descendencia familiar, orientación sexual, estado civil, incapacidad física o mental, embarazo, categoría militar o de veterano, 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 en RSCCD y Coordinador de la Sección 504/ADA de RSCCD: Judy Chitlik, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.

CHÍNH SÁCH BẤT KỴ THỊ
Sơ Giáo dục Hệ thống Đào tạo Rancho Santiago (RSCCD) ha quyết tâm tạo cơ hội bình đẳng trong chương trình giáo dục, trong việc thực hiện nới văn, và trong tất cả những tình và sinh hoạt thường phạm vi Sơ.

Sơ và mọi cá nhân liên doanh cho Sơ, sẽ cung cấp dịch vụ, lôp học, và chương trình mà không phân biệt nguồn gốc quê quán, tôn giáo, tuân tắc, phái sinh, đặc điểm phái sinh, cách thể hiện phái sinh, chúng tọc hoặc dân tộc, màu da, tình trạng sức khỏe, thông tin về di truyền, nguồn gốc tổ tiên, khuyễn huong tính dục, tình trạng hôn nhân, có khuyết tật hoặc bệnh tâm thần, có thải, đang trong quá trình hoặc gây ngại, hoặc vi người đổ được cho là có một hay hơn một đặc tính kể trên, hoặc dựa vào sự liên đới với một người hoặc nhóm có khuyết tật mà có một hay hơn một đặc tính kể trên.

Viết quan trị sẽ đặt ra các thủ tục hành chính bảo đảm rằng mọi thiện trong trường đại học có thể khỏi việc vi phạm chính sách này, và các khuyết mái nếu được làm nghe gửi tạo theo các quy định thuộc Điều 5 và các quy định của các cơ quan thi hành luật lệ tiến bằng và liên bang liên quan đến việc bất kỳ thỉ.

Ngany vụ của Sơ sẽ không bao giờ được dùng để làm hối, hoặc tham gia bất cứ việc có thể tốn hoặc đồng góp trên diện đa nghĩa của Sơ hoặc của nhân viên làm việc cho Sơ hoặc liên với Sơ, cho bất cứ chức vụ nào mà có sự thuyệt trên can bản nguồn gốc quê quán, tôn giáo, tuân tắc, phái sinh, đặc điểm phái sinh, cách thể hiện phái sinh, chúng tọc, màu da, tình trạng sức khỏe, thông tin về di truyền, nguồn gốc tổ tiên, khuyễn huong tinh dục, tình trạng hôn nhân, có khuyết tật hoặc bệnh tâm thần, có thải, đang trong quá trình hoặc gây ngại, hoặc vi người đổ được cho là có một hay hơn một đặc tính kể trên, hoặc dựa vào sự liên đới với một người hoặc nhóm có khuyết tật mà có một hay hơn một đặc tính kể trên.

Nếu có thắc mắc về việc tuân thủ luật lệ và/hoặc việc thực hiện chính quy định tại Điều 5, xin liên lạc với chức chủ chung trình Título IX của Sơ và/hoặc điều phối viên chuyên chương trình Título IX/ADA. Văn chương chủ chung trình Título IX của RSCCD và cũng là điều phối viên chuyên chương trình Título IX/ADA là Judy Chitlik, địa chỉ 2323 N. Broadway, Santa Ana, CA 92706, số điện thoại 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.

PROHIBITION OF HARASSMENT POLICY
All forms of harassment are contrary to basic standards of conduct between individuals and are prohibited by state and federal law, as well as this policy, and will not be tolerated. The District is committed to providing an academic and work environment that respects the dignity of individuals and groups. The District shall be free of all forms of sexual harassment and all forms of sexual intimidation and exploitation including acts of sexual violence. It shall also be free of other unlawful harassment, including that which is based on any of the following statuses: race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, or sexual orientation of any person, or military and veteran status, or because he or she is perceived to have one or more of the foregoing characteristics.

The District seeks to foster an environment in which all employees and students feel free to report incidents of harassment without fear of retaliation or reprisal. Therefore, the District also strictly prohibits retaliation against any individual for filing a complaint of harassment or for participating in a harassment investigation. Such conduct is illegal and constitutes a violation of this policy. All allegations of retaliation will be swiftly and thoroughly investigated. If the District determines that retaliation has occurred, it will take all reasonable steps within its power to stop such conduct. Individuals who engage in retaliatory conduct are subject to disciplinary action, up to and including termination or expulsion.

Any student or employee who believes that he or she has been harassed or retaliated against in violation of this policy should immediately report such incidents by following the procedures described in AR 3435. Supervisors are mandated to report all incidents of harassment and retaliation that come to their attention.

This policy applies to all aspects of the academic environment, including but not limited to classroom conditions, grades, academic standing, employment opportunities, scholarships, recommendations, academic actions, and participation in any community college activity. In addition, this policy applies to all terms and conditions of employment, including but not limited to hiring, placement, promotion, disciplinary action, layoff, recall, transfer, leave of absence, training opportunities and compensation.
To this end the Chancellor shall ensure that the institution undertakes education and training activities to counter discrimination and to prevent, minimize and/or eliminate any hostile environment that impairs access to equal education opportunity or impacts the terms and conditions of employment.

The Chancellor shall establish procedures that define harassment on campus. The Chancellor shall further establish procedures for employees, students, and other members of the campus community that provide for the investigation and resolution of complaints regarding harassment and discrimination, and procedures for students to resolve complaints of harassment and discrimination. All participants are protected from retaliatory acts by the District, its employees, students, and agents.

This policy and related written procedures (including the procedure for making complaints) shall be widely published and publicized to administrators, faculty, staff, and students, particularly when they are new to the institution. They shall be available for students and employees in all administrative offices.

Employees who violate the policy and procedures may be subject to disciplinary action up to and including termination. Students who violate this policy and related procedures may be subject to disciplinary measures up to and including expulsion.

If you feel that you have been the victim of harassment please contact the Human Resources Dept. at 714-480-7489, or the Associate Dean of Student Development at Santa Ana College at 714-564-6211.

**STUDENT CODE OF CONDUCT**

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

**SANTA ANA COLLEGE IS A DRUG AND ALCOHOL FREE ENVIRONMENT**

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

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

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

**TRANSPORTATION POLICY**

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

**PHOTOGRAPHY**

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

**COLLEGE-CREDIT PROGRAMS**

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

**COURSE ARRANGED HOURS**

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

**COURSE OPEN ENROLLMENT**

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

**COURSE REPETITION**

WHEN MAY COURSES BE REPEATED?

**SUBSTANDARD WORK**

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

**NON REPEATABLE COURSES**

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

**REPEATABLE COURSES**

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

**VARIABLE UNIT COURSES**

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

**OTHER REPETITIONS – A & G PETITION PROCESS**

Any repetition of a class beyond the specified limits previously specified must be petitioned in the Admissions Office.

**WITHDRAWAL POLICY**

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

For a semester length course, students must drop by Sunday, February 18, 2018, 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, February 18, 2018 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 for deadlines.

Students may drop and receive a “W” grade between February 19 and May 6, 2018. **Student enrolled in classes that are less than semester length, must withdraw before the 75% point of the class.** Neither the student or instructor may initiate a withdrawal after the deadline, and students officially enrolled in a class beyond the drop deadline must receive a grade other than “W.”

**FAMILY RIGHTS AND PRIVACY ACT**

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

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

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

**PASS/NO PASS**

Pass/No Pass petitions for full semester classes must be received in the Admissions Office by March 9, 2018. **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), course assessment, 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 (SAC)
Instructor grade delivery and student grade availability dates are as follows:
- SPRING semester grades are due on Thursday, June 7, 2018
- 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.

RSCCD RATES OF STUDENT PROGRESS
STUDENT RIGHT-TO-KNOW ACT
The rates below are placed here in accordance with the federally mandated Student Right-To-Know Act.
Of the degree, certificate or transfer seeking first-time full time freshman students who entered RSCCD colleges in Fall 2013, the “completion rate” represents those students who earned an Associates Degree, Certificate of Achievement, or 60 UC/CSU transferable credits within three years.

2013 COHORT COMPLETION

<table>
<thead>
<tr>
<th>Crime</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
</tr>
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<tbody>
<tr>
<td>Criminal Homicide</td>
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<td>0</td>
</tr>
<tr>
<td>Murder/Non-Negligent Manslaughter</td>
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<tr>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Rape</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Fondling</td>
<td>2</td>
<td>5</td>
<td>11</td>
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<tr>
<td>Incest</td>
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<td>0</td>
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</tr>
<tr>
<td>Sexual Assault (Sex Offense)</td>
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</tr>
<tr>
<td>Robbery</td>
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<td>6</td>
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<tr>
<td>Aggravated Assault</td>
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<tr>
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<td>6</td>
</tr>
<tr>
<td>Stalking</td>
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<td>5</td>
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</table>

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

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 714-564-6330.

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

RSCCD TOTAL CRIME STATISTICS ON CAMPUS
Includes both Santa Ana College and Santiago Canyon College. All sites and centers.

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<tr>
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</tr>
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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 19.
- ONLINE CLASSES — Look for the Online class symbol in the schedule or check the complete list on pages 20-27
- HYBRID CLASSES — Look for the Hybrid class symbol in the schedule or check the complete list on pages 20-27
- 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 17.
- OPEN EDUCATIONAL RESOURCES — (OER) used in replacement of purchased textbooks (zero or low textbook cost).

LOCATIONS

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

<table>
<thead>
<tr>
<th>Location</th>
<th>Address</th>
<th>Phone</th>
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</thead>
<tbody>
<tr>
<td>CJTC</td>
<td>Orange County Sheriff’s Regional Training Academy 15991 Armstrong Avenue, Tustin</td>
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<tr>
<td>COL</td>
<td>College Hospital 301 Victoria Street, Costa Mesa</td>
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<tr>
<td>DMC</td>
<td>Digital Media Center 1300 S. Bristol, Santa Ana</td>
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<tr>
<td>FV</td>
<td>Fountain Valley Regional Hospital 17100 Euclid, Fountain Valley</td>
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<tr>
<td>HOAG</td>
<td>Hoag Memorial Hospital One Hoag Drive, Box 6100 Newport Beach</td>
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<td>JPT-CN</td>
<td>Joint Powers Training Center Central Net 18301 Gothard, Huntington Beach</td>
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The Santa Ana College campus map is printed on page 113
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 CLASSES FOR SPRING 2018 (Continued)

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### SPRING 2018 CLASSES

- **Honors Courses**: [Link]
- **Online Classes**: [Link]
- **Hybrid Classes**: [Link]
- **Off Campus Field Trips**: [Link]
- **Future Teachers**: [Link]
- **Weekend Classes**: [Link]
- **Open Educational Resources**: [Link]

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**8 WEEK CLASSES**

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- **2ND 8-WEEK CLASSES FOR SPRING 2018 (Continued)**
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**SPRING 2018 WEEKEND CLASSES**

Refer to the full class listing (beginning on page 32) in this publication for more complete information.
LEARNING COMMUNITIES AT SANTA ANA COLLEGE

FRESHMAN EXPERIENCE

LEARNING COMMUNITIES AREN’T JUST FOR FRESHMEN!

Learning Communities II offers 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.

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 Spring are English, Anthropology, Economics, EMLS, and Sociology. Students who enroll in these courses can shorten the time needed to complete requirements for graduation and/or transfer.

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

LEARNING COMMUNITIES II – COURSES Spring 2018

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<thead>
<tr>
<th>SECTION</th>
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FRESHMAN EXPERIENCE COURSES SPRING 2018

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

<table>
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<th>Course Code</th>
<th>Time</th>
<th>Day(s)</th>
<th>Instructor</th>
<th>Location</th>
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**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

**SAC IS TOBACCO-FREE**

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

**CAN’T AFFORD TEXTBOOKS?**

It means that the materials used in your class are in the public domain or openly licensed. **FREE or LOW-COST** materials used in that course!
Online Courses
Students enrolling in Online courses will have the opportunity to complete their course work outside of the classroom, although some classes combine on-site testing with online instruction. Students may access course materials via the Internet either at home or using an on-campus computer.

Hybrid (Blended) Courses
Hybrid (blended) courses are courses that combine face-to-face classroom instruction with online learning. Students will have required instructional on-campus meetings. On campus required meeting dates, time and place, and instructor contact information can be found on WebAdvisor https://webadvisor.rsccd.edu

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

SPRING 2018 - ONLINE CLASSES

Go to WebAdvisor for the most accurate and up to date information on the courses listed below: https://webadvisor.rsccd.edu

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Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

Online courses are identified in the class listing by this symbol.
Hybrid courses are identified in the class listing by this symbol.
Open Educational Resources

- On campus required meeting dates, time and place, and instructor contact information can be found on WebAdvisor https://webadvisor.rsccd.edu

Access Requirements
Santa Ana College uses Canvas as the course access tool for online and hybrid courses.

Students log on to: http://rsccd.instructure.com to access Canvas using their WebAdvisor account.

Online and Hybrid courses require students to have:
1. Access to a computer with an Internet connection
2. An email account
3. Basic computer skills
4. Online OrientationCompletion
- Complete the orientation before you take an Online or Hybrid course
- Logon to our college Blackboard site and follow the directions to complete the Student Orientation
Go to WebAdvisor for the most accurate and up to date information on the courses listed below: https://webadvisor.rsccd.edu

Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

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SAC–Santa Ana College Courses – Register online at www.sac.edu See page 13 for a list of class locations.
## Online Classes

**Go to WebAdvisor for the most accurate and up to date information on the courses listed below:** [https://webadvisor.rsccd.edu](https://webadvisor.rsccd.edu)

**Students are required to log on to Canvas on the first day of classes:** [http://rsccd.instructure.com](http://rsccd.instructure.com)

**Open Educational Resources**

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For additional information, or if you wish to add the course after 02/05, Email Instructor. Instructor has elected to use Open Educational Resources for this class. There is only a $5 material fee. There is no additional textbook cost.
### Course Registration Information

- **SPRING 2018 - ONLINE CLASSES**

  **Go to [WebAdvisor](https://webadvisor.rsccd.edu) for the most accurate and up-to-date information on the courses listed below:**

  **http://rsccd.instructure.com**

  **Students are required to log on to Canvas on the first day of classes:**

### Course Listings

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**For additional information, or if you wish to add the course after 04/09, Email Instructor. Material Fee: $16.00. Instructor has elected to use Open Educational Resources for this course. There is only a $5 material fee. There is no additional textbook cost.**

**Note:**

- **Hybrid courses are identified in the class listing by this symbol.**
- **Open Educational Resources** are identified in the class listing by this symbol.

**Online course locations and times:**

- **Online instruction plus 1 mandatory on-campus meeting on Saturday 2/10 from 9:00a-10:30a in SAC D-209. Email Instructor the first day of school.**
- **Online instruction plus mandatory on-campus final exam: Friday June 1.**
- **Available for Online Degree Pathway students.**
- **For additional information, or if you wish to add the course after 02/05, Email Instructor campos_joanna@sac.edu. Material Fee $16.00. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.**
- **For additional information, or if you wish to add the course after 02/05, Email Instructor. Material Fee: $16.00. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.**
- **For additional information, or if you wish to add the course after 02/05/18, Email Instructor. Material Fee: $16.00. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.**

**Important dates:**

- **SPRING 2018 - ONLINE CLASSES**
- **www.sac.edu**
- **– Santa Ana College Courses – Register online at [www.sac.edu](http://www.sac.edu) – See page 13 for a list of class locations.**

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**SAC – Santa Ana College Courses – Register online at [www.sac.edu](http://www.sac.edu)**

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**SANTA ANA COLLEGE SPRING 2018 CLASSES**

### Hybrid Courses

- **CNSL-116 47166 Career/Life Planning & Personal Exploration**
- **CNSL-116 47167 Career/Life Planning & Personal Exploration**
- **CNSL-116 47186 Career/Life Planning & Personal Exploration**
- **CNSL-116 47188 Career/Life Planning & Personal Exploration**
- **CNSL-116 47189 Career/Life Planning & Personal Exploration**
- **CNSL-116 47208 Career/Life Planning & Personal Exploration**
- **CNSL-116 50233 Career/Life Planning & Personal Exploration**
- **CNSL-116 50234 Career/Life Planning & Personal Exploration**
- **DNCE-100 49994 Dance History & Appreciation**
- **DNCE-105 50001 World Dance and Cultures**
- **ECON-120 45523 Principles/Macroeconomics**
- **ECON-120 45526 Principles/Macroeconomics**
- **ECON-120 45532 Principles/Microeconomics**
- **ECON-120 45534 Principles/Microeconomics**
- **ECON-120 45535 Principles/Microeconomics**
- **EDUC-204 48202 Personal Proficiency in Educational Technologies for Secondary Teachers**
- **EDUC-205 48203 Personal Proficiency in Educational Technologies for Elementary Teachers**
- **ENGL-061 45767 Introduction to Composition**
- **ENGL-101 45853 Freshman Composition**
- **ENGL-101 45863 Freshman Composition**
- **ENGL-101 45865 Freshman Composition**
- **ENGL-101 46043 Freshman Composition**

**Available for Online Degree Pathway students.**

**For additional information, or if you wish to add the course after 02/05, Email Instructor. Material Fee: $16.00. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.**

**For additional information, or if you wish to add the course after 02/05/18, Email Instructor. Material Fee: $16.00. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.**

**Available for Online Degree Pathway students.**

**For additional information, or if you wish to add the course after 02/05, Email Instructor campos_joanna@sac.edu. Material Fee $16.00. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.**

**For additional information, or if you wish to add the course after 02/05, Email Instructor. Material Fee: $16.00. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.**

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

**Open Educational Resources** are identified in the class listing by this symbol.
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<th>UNIT</th>
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<td>Axtell, Christina</td>
<td><a href="mailto:Axtell_Christina@sac.edu">Axtell_Christina@sac.edu</a></td>
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<td>Online instruction plus four mandatory on-campus meetings on Monday 2/5, 3/19, 4/30, 5/28 from 4:00p-5:50p in SAC D-103. Attendance at first class meeting is mandatory. Email Instructor the first week of class.</td>
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<td>Online instruction plus four mandatory on-campus meetings on Mondays 2/5, 3/19, 4/30, 5/28 from 5:00p-6:50p in SAC D-305. Attendance at first class meeting is mandatory. Email Instructor first week of class.</td>
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<td>Email Instructor first week of class.</td>
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**Open Educational Resources**

- Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com)
- Go to WebAdvisor for the most accurate and up to date information on the courses listed below: [https://webadvisor.rsccd.edu](https://webadvisor.rsccd.edu)

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

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

**Available for Online Degree Pathway Students.**

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See page 13 for a list of class locations. See page 13 for a list of class locations.
## SPRING 2018 - ONLINE CLASSES

Go to **WebAdvisor** for the most accurate and up to date information on the courses listed below: [https://webadvisor.rsccd.edu](https://webadvisor.rsccd.edu)

 Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com)

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**Course** | **Section** | **Course** | **Unit** | **Start - End** | **Type** | **OER** | **Faculty** | **Email** |
--- | --- | --- | --- | --- | --- | --- | --- | --- |
**KNAC-123** | **48953** | **Personal Fitness Training** | 1 | 02/05 – 03/29 | | | Jones, Geoffrey | Jones_Geoff@sac.edu |
**KNAC-123** | **48954** | **Personal Fitness Training** | 1 | 04/09 – 06/03 | | | Jones, Geoffrey | Jones_Geoff@sac.edu |
**KNAC-123** | **48955** | **Personal Fitness Training** | 1 | 02/05 – 06/03 | | | Jones, Geoffrey | Jones_Geoff@sac.edu |
**KNAC-123** | **48957** | **Personal Fitness Training** | 1 | 04/09 – 06/03 | | | Jones, Geoffrey | Jones_Geoff@sac.edu |
**KNH-101** | **48464** | **Healthful Living** | 3 | 02/05 – 03/30 | | Breig, David | Breig_David@sac.edu |
**KNH-101** | **48465** | **Healthful Living** | 3 | 04/09 – 06/03 | | Breig, David | Breig_David@sac.edu |
**KNH-101** | **48970** | **Healthful Living** | 3 | 02/05 – 03/29 | | Nyssen, Adam | Nyssen_Adam@sac.edu |
**KNH-102** | **48912** | **Women’s Health Issues** | 3 | 02/05 – 03/29 | | Nutter, Kim | Nutter_Kim@sac.edu |
**KNH-102** | **48913** | **Women’s Health Issues** | 3 | 04/09 – 06/01 | | Nutter, Kim | Nutter_Kim@sac.edu |
**KNH-103** | **48466** | **Men’s Health Issues** | 3 | 04/09 – 06/03 | | Breig, David | Breig_David@sac.edu |
**KNH-104** | **48987** | **Nutrition and Fitness** | 2 | 02/05 – 03/29 | | Abbey, Troy | Abbey_Troy@sac.edu |
**KNH-104** | **48989** | **Nutrition and Fitness** | 2 | 04/09 – 06/03 | | Abbey, Troy | Abbey_Troy@sac.edu |
**KNPR-125** | **49014** | **Sport Psychology** | 3 | 02/05 – 06/03 | | Luppiani, Maria | Luppiani_Flo@sac.edu |
**KNPR-125** | **49021** | **Sport Psychology** | 3 | 04/09 – 06/03 | | Luppiani, Maria | Luppiani_Flo@sac.edu |
**KNPR-150** | **48973** | **Sport and Society** | 3 | 02/05 – 03/29 | | Nyssen, Adam | Nyssen_Adam@sac.edu |
**KNPR-150** | **49019** | **Sport and Society** | 3 | 04/09 – 06/03 | | Luppiani, Maria | Luppiani_Flo@sac.edu |
**KNPR-170** | **49018** | **Sport Ethics** | 3 | 02/05 – 06/03 | | Luppiani, Maria | Luppiani_Flo@sac.edu |
**KNPR-170** | **49020** | **Sport Ethics** | 3 | 04/09 – 06/03 | | Luppiani, Maria | Luppiani_Flo@sac.edu |
**LIBI-100** | **47723** | **Library Research Fundamentals** | 1 | 04/09 – 06/01 | | King, Judith | King_Jak@sac.edu |
**LIBI-100** | **49007** | **Library Research Fundamentals** | 1 | 04/09 – 06/01 | | To Be Announced | |
**MA-051A** | **45924** | **Beginning Medical Terminology** | 3 | 02/05 – 06/03 | | Emley, Catherine | Emley_Catherine@sac.edu |
**MA-051B** | **46837** | **Advanced Medical Terminology** | 3 | 02/05 – 06/03 | | Emley, Catherine | Emley_Catherine@sac.edu |
**MATH-083** | **47804** | **Beginning and Intermediate Algebra for Liberal Arts and Social Science** | 6 | 02/05 – 06/03 | | Shahbazian, Roy | Shahbazian_Roy@sac.edu |
**MATH-083** | **47805** | **Beginning and Intermediate Algebra for Liberal Arts and Social Science** | 6 | 02/05 – 06/03 | | Everett, Michael | Everett_Mike@sac.edu |
**MATH-083** | **49389** | **Beginning and Intermediate Algebra for Liberal Arts and Social Science** | 6 | 02/05 – 06/03 | | Shahbazian, Roy | Shahbazian_Roy@sac.edu |
**MATH-084** | **47971** | **Beginning and Intermediate Algebra** | 6 | 02/05 – 06/03 | | Vu, Dahlia | Vu_Dhali@sac.edu |
**MATH-084** | **47974** | **Beginning and Intermediate Algebra** | 6 | 02/05 – 06/03 | | Everett, Michael | Everett_Mike@sac.edu |
**MATH-084** | **49333** | **Beginning and Intermediate Algebra** | 6 | 02/05 – 06/03 | | Vu, Dahlia | Vu_Dhali@sac.edu |
**MATH-105** | **48026** | **Mathematics for Liberal Arts Students** | 3 | 02/05 – 06/03 | | McKowan-Bourguignon, Lisa | McKowan_Lisa@sac.edu |
**MATH-140** | **48053** | **College Algebra** | 4 | 02/05 – 06/03 | | Xu, Dahlia | Xu_Dhali@sac.edu |
**MATH-150** | **48063** | **Calculus for Biological, Management and Social Science** | 4 | 02/05 – 06/03 | | Shahbazian, Roy | Shahbazian_Roy@sac.edu |
**MATH-150** | **48064** | **Calculus for Biological, Management and Social Science** | 4 | 04/09 – 06/03 | | Nguyen, Kelly | Nguyen_Kelly@sac.edu |
**MATH-160** | **48072** | **Trigonometry** | 4 | 02/05 – 06/03 | | McKowan-Bourguignon, Lisa | McKowan_Lisa@sac.edu |
**MATH-180** | **48085** | **Analytic Geometry and Calculus I** | 4 | 02/05 – 06/03 | | Bradley, Kyle | Bradley_Kyle@sac.edu |
**MATH-219** | **48279** | **Statistics & Probability** | 4 | 02/05 – 06/03 | | Tolentino, Justin | Tolentino_Justin@sac.edu |

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**Available for Online Degree Pathway Students:**
- Instructors have elected to use Open Educational Resources for this class. There is no additional textbook cost.
- Instructors have elected to use Open Educational Resources for this course. There is only a $5 material fee. There is no additional textbook cost.

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

**See page 13 for a list of class locations.**

**SAC – Santa Ana College Courses – Register online at [www.sac.edu](http://www.sac.edu)**
SPRING 2018 - ONLINE CLASSES

Go to WebAdvisor for the most accurate and up to date information on the courses listed below: https://webadvisor.rscd.edu

Students are required to log on to Canvas on the first day of classes: http://rscd.instructure.com

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<td>Manzano, F Richard</td>
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<td>02/05 – 06/03</td>
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LEC Classroom lecture courses are identified in the class listing by this symbol.

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<td>Bradley, Kyle</td>
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</table>

See page 13 for a list of class locations.
There are no courses listed for this page.
# SPRING 2018 CLASSES

## ACCOUNTING

### Accounting Program Orientation

All students considering Accounting or Banking as a field of study or career should attend Wednesday, January 31st from 6:00p – 8:00p, Room A-211

<table>
<thead>
<tr>
<th>SECTION</th>
<th>TIME</th>
<th>DAYS</th>
<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
<th>DATES</th>
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</table>

### ACCOUNTING 010, ACCOUNTING PROCEDURES

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

46393 6:00p-9:05p M Wong S SAC A-222 Full Semester

### ACCOUNTING 020, PAYROLL ACCOUNTING

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

46407 10:15a-12:20p Tu Th Wilson S SAC A-222 Full Semester

### ACCOUNTING 030, QUICKBOOKS I

This is an introductory course on using Quickbooks software in the business environment for preparation of accounting information. The course will cover accounting theory and practical knowledge of QuickBooks on topics that include company file setup, customizing QuickBooks, recording customer and vendor transactions, bank reconciliations, creation of accounting reports and customization.

46399 1:00p-5:15p Tu Th Guth J SAC A-108 02/05/03/27

### ACCOUNTING 030, QUICKBOOKS II

This is an intermediate course on using Quickbooks software in the business environment for preparation of accounting information. Students will cover accounting theory and practical knowledge of QuickBooks on more advanced topics such as inventory management, time and billing, payroll setup, payroll processing, estimates and adjustments and year-end procedures. This course will prepare students for the QuickBooks Certified User exam.

48833 8:00a-10:05a Tu Th Wilson S SAC A-222 Full Semester

### ACCOUNTING 101, FINANCIAL ACCOUNTING

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.

48835 9:00a-1:15p M McCallick M SAC A-108 02/05/04/01

### ACCOUNTING 102, MANAGERIAL ACCOUNTING

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.

### ACCOUNTING 104, FEDERAL AND CALIFORNIA TAXES

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.

48865 10:15a-12:20p Tu Th Wilson S SAC A-222 Full Semester

### ACCOUNTING 106, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL

This work experience course of supervised employment is designed to assist students to acquire desirable work habits, attitudes and skills in a field related to the students’ major so as to enable them to become productive employees. This course also provides students with career awareness for jobs. 75 hours of paid work or 60 hours of unpaid work equals one unit of course credit. Student repetition is allowed per Title 5, Section 55253.

48421 10:15a-12:20p Tu Th Wilson S SAC A-222 Full Semester

### ACCOUNTING 107, CA STATE COMPTONCY Training

This course covers business ethics, legal issues, concepts of business, and the basic principles of bookkeeping. This course is designed to provide students with the necessary skills to pass the CA State Comptoncy Exam.

48424 9:00a-11:05a Sa Bragg S SAC A-108 02/23/03/30

### ACCOUNTING 108, TAX PRACTICES - ONLINE

Preferential tax treatment and special tax status. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

48425 10:15a-12:20p Tu Th Wilson S SAC A-222 Full Semester

### ACCOUNTING 109, TAXprus – Online

This course is designed to provide students with the necessary skills to pass the CA State Comptoncy Exam.

48426 9:00a-11:05a Sa Bragg S SAC A-108 03/02/04/28

### ACCOUNTING 111, INTRODUCTION TO FINANCIAL ACCOUNTING

Prerequisite: Accounting 101 with a minimum grade of C. This course provides an introduction to the basic concepts of accounting and the accounting cycle. Emphasis is placed on financial statements, accounting theory, and accounting fundamentals.

46403 6:00p-10:15p W Sung L SAC A-209 Full Semester

46402 10:15a-12:20p Tu Th Wilson S SAC A-209 Full Semester

46401 10:15a-12:20p Th Wilson S SAC A-209 Full Semester

46404 6:00p-10:15p M Erlanson S SAC A-211 02/05/05/21

46405 6:00p-10:15p Tu Goodison Orr W SAC A-211 Full Semester

46406 6:00p-10:15p Th Nakata D SAC A-211 Full Semester

## New Accounting Classes!

### Preparing to become a CPA?

**New Certificate Program:**

- **Acct 212** – Ethics & Responsibilities – Online

### Become A Tax Preparer & Enrolled Agent

**Acct 104** – Fed & Calif Taxes (online & lecture)

**Acct 124** – Computerized Tax Prep. – Online

**Acct 108** – Tax Practices – Online
ACCOUNTING 108, TAX PRACTICES AND PROCEDURES 3.0 UNITS
The course covers various special topics in tax, including specialized returns and taxpayers; practices, procedures and representation before the IRS and completion of the tax filing process. This course may be repeatable as continuing education for professional certification.

ACCOUNTING 124, COMPUTERIZED INCOME TAX PREPARATION 1.0 UNIT
This course provides a student with the practical knowledge of income tax preparation and the income tax formula using commercial tax software. This course may be repeatable as continuing education for professional certification as legally mandated, for licensure and/or due to a significant lapse of time.

ACCOUNTING 212, ACCOUNTANTS’ ETHICS & RESPONSIBILITIES 4.0 UNITS
Focuses on the foundations of ethics & the professional responsibilities of accountants & CPAs; including ethical behavior and responding to ethical dilemmas. Topic content will include relevant professional, ethical standards and regulations, as well as research and practice concerning challenging ethical situations. The course will focus on the discussion of ethical cases and study of professional ethical standards set forth by both the AICPA and California State Board of Accountancy.

AN OFF CAMPUS FLEXICOURSE 4.0 UNITS
Students are required to log on to Canvas on the first day of classes:
http://rsccd.instructure.com

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. Field trips may be required.

ANTHROPOLOGY 101, INTRODUCTION TO PHYSICAL ANTHROPOLOGY 3.0 UNITS
An introduction to human'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.

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.

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.

ANTHROPOLOGY 104, LANGUAGE AND CULTURE 3.0 UNITS
General introduction to the process of human communication, emphasizing coextensive aspects of language and culture. Surveys core areas of linguistic anthropology: structural linguistics; biological basis of language; and sociolinguistics. Topics include acquisition of first and second languages, languages in contact, and the effects of both language and culture on inter/intra group communication. Languages spoken in the local area are used as basis of study.

AMERICAN SIGN LANGUAGE 110, AMERICAN SIGN LANGUAGE I 4.0 UNITS
This entry level 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 through receptive and expressive use of ASL, as well as appreciation of American Deaf culture, and history. Students are required to attend at least one off campus event.

AMERICAN SIGN LANGUAGE 111, AMERICAN SIGN LANGUAGE II 4.0 UNITS
The second course in the study of American Sign Language (ASL) focuses on increased vocabulary development, intermediate comprehension and conversational skills, application of grammatical structures and practice in the receptive and expressive use of ASL, as well as appreciation of American Deaf culture, and history. Students are required to attend at least one off campus event.

AMERICAN SIGN LANGUAGE 112, INTRODUCTION TO INTERPRETING FOR THE DEAF 3.0 UNITS
The study of the history of sign language interpreting and the theoretical foundations and technical skills needed to interpret in professional settings for deaf and hard-of-hearing children and adults. The roles, responsibilities, and ethics of interpreters providing interpreting services in various professional settings will be examined. Students are required to attend two off campus events.

AMERICAN SIGN LANGUAGE 114, CLASSIFIERS, FINGERSPELLING, AND NUMBERING 3.0 UNITS
This course is designed to provide specialized instruction in the continued development of skills and applications of expanded conceptualization of American Sign Language (ASL) classifiers, fingerspelling, and numbering concepts and further exploration and understanding of American Deaf culture. Expressive and receptive techniques will be emphasized. Students are required to attend one off campus event.

AMERICAN SIGN LANGUAGE 116, INTRODUCTION TO DEAF STUDIES 3.0 UNITS
This is an introductory course exploring the cultural, educational, linguistic, and audiological experiences of people who are deaf, hard of hearing, deaf-blind, and late-deafened in America. Students will be exposed to historical and current perspectives in trends, philosophies, ideologies, and the Deaf community as a subculture of American society.

AN OFF CAMPUS FLEXICOURSE 4.0 UNITS
Students are required to log on to Canvas on the first day of classes:
http://rsccd.instructure.com

ARTS AND HUMANITIES 101, THE ENVIRONMENT 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 200, PERSPECTIVES ON CULTURE 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 300, THE ARTS IN AMERICAN SOCIETY 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 400, THE ARTS IN THE MODERN WORLD 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 500, THE ARTS IN CULTURAL CONTEXTS 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 600, THE ARTS IN THE GLOBAL CONTEXT 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 700, THE ARTS IN THE FUTURE 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 800, THE ARTS IN THE PAST 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 900, THE ARTS IN THE PRESENT 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 1000, THE ARTS IN THE FUTURE 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 2000, THE ARTS IN THE PAST 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 3000, THE ARTS IN THE PRESENT 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 4000, THE ARTS IN THE FUTURE 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 5000, THE ARTS IN THE PAST 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 6000, THE ARTS IN THE PRESENT 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 7000, THE ARTS IN THE FUTURE 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 8000, THE ARTS IN THE PAST 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.

ARTS AND HUMANITIES 9000, THE ARTS IN THE PRESENT 3.0 UNITS
This course is designed to help students understand the relationship between the environment and human society.
**ANTHROPOLOGY 108, RELIGION, MAGIC, AND WITCHCRAFT**

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

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**ART**

**ART 100, INTRODUCTION TO ART CONCEPTS**

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.

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

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.

Recommended Preparation: Completion of or concurrent enrollment in English 101 or English 101H.

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**ART 102, SURVEY OF WESTERN ART HISTORY II: RENAISSANCE THROUGH THE TWENTIETH CENTURY**

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.

Recommended Preparation: English 101 or English 101H is recommended.

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**ART 104, MEXICAN AND CHICANO ART HISTORY**

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.

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**ART 106, ASIAN ART HISTORY**

Historical survey of the visual arts of India, China, Japan, India, Korea 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.

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

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**ART 107, HISTORY OF ANIMATION CENTURY**

Critical and historical survey of animation as a form of communication and cultural expression, from prehistoric origins to present digital formats. Animation history is studied in relation to the background for its creation in contemporary culture and society including the U.S.A., Europe, and Japan. Students analyze and evaluate a large cross-section of animated works.

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**ART 110, TWO-DIMENSIONAL DESIGN**

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.

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**ART 111, THREE-DIMENSIONAL DESIGN**

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.

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### ART 121A, FUNDAMENTALS OF TYPOGRAPHY
3.0 UNITS
Introduction to the use of type styles, appropriate type selection and their characteristics as a means toward understanding design and communication through type solutions. Projects will explore current graphics industry practices and standards, including the use of digital technology and traditional hand skills. Art 122, 162, 191A, 192A recommended.
Prerequisite: Art 195 with a minimum grade of C.
**Material Fee(s): $15.00**
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### ART 121B, ADVANCED TYPOGRAPHY
3.0 UNITS
This course provides continued study in typography and appropriate type selection as a means for solving complex graphic design problems, such as illustrative type or multiple page layout using traditional hand skills, digital technology and portfolio presentations.
Prerequisite: Art 121A with a minimum grade of C.
**Material Fee(s): $15.00**
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### ART 122, GRAPHIC DESIGN I
3.0 UNITS
Introduction to basic graphic design concepts, techniques and practices resulting in the production of effective visual communications. Projects combine text with images, using current industry standards and technology in print media and other design applications. Art 110, 162, 191A, and 192A recommended.
Prerequisite: Art 195 with a minimum grade of C.
**Material Fee(s): $15.00**
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### ART 124, GALLERY PRODUCTION
2.0 UNITS
Instruction in preparation and installation of art exhibits, gallery management, and working on a museum exhibition staff. Includes lectures on visits to artists’ studies, 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.

### ART 125, COOPERATIVE WORK EXPERIENCE - OCCUPATION
1.0 - 6.0 UNITS
This work experience course of supervised employment is designed to assist students to acquire desirable work habits, attitudes and skills in a field related to the students’ major so as to enable them to become productive employees. This course also provides students with career awareness for jobs. 75 hours of paid work or 60 hours of un-paid work equals one unit of course credit. Student repetition is allowed per Title 5, Section 55235.
Open Entry / Open Exit

### ART 130, INTRODUCTION TO DRAWING
3.0 UNITS
Introductory course in expressive drawing exploring line, form, composition, and a variety of media. Drawing from man-made objects and natural forms. Required for art majors.

### ART 131, BEGINNING LIFE DRAWING
3.0 UNITS
Introduction to drawing the human form by observing live models for studies in anatomy, structure, and composition. Exposure to traditional and contemporary figurative drawing while exploring media and methods. Required for art majors. Art 130 recommended.

### ART 140A, WATERCOLOR PAINTING
2.0 UNITS
Introduction to watercolor painting as a creative art form with emphasis on transparent watercolor techniques. Course includes principles of composition and color theory, materials selection, tools, terminology, and various watercolor techniques. Students develop basic watercolor skills while painting from simple forms and progressively to a variety of subjects.

### ART 140B, WATERCOLOR PAINTING
2.0 UNITS
A continuing course in transparent watercolor techniques providing the opportunity to advance the creativity of those with basic skills in watercolor. Further study of formal elements and composition while painting from varied subject matter. Emphasis on refinement of methods and techniques for more expressive painting.
Prerequisite: Art 140A with a minimum grade of C.

### ART 141, BEGINNING PAINTING
3.0 UNITS
Introduction to acrylic and/or water soluble oil painting as a creative art form with exposure to historical, traditional and contemporary painting styles. Course includes principles of composition and color theory, materials selection, tools, terminology, and techniques. Students develop basic skills painting from a variety of subjects. Required for art majors. Art 110 and 130 recommended.
**Material Fee(s): $8.00**

### ART 143, LANDSCAPE WATERCOLOR
2.0 UNITS
Intermediate course in transparent watercolor using the Southern California landscape as studio and subject for paintings. Explores a variety of techniques, papers, brushes, and pigments. Further study of compositional/conceptual elements leading to development of individual expression.
Prerequisite: Art 140A with a minimum grade of C.

### ART 145, PRIMITIVE POTTERY TECHNIQUES
3.0 UNITS
Primitive techniques in pottery construction and firing. Emphasizes handbuilt forms. Students will construct tools. Sawdust, raku, dung, low temperature salt, and other pit firings will be utilized.

### ART 150, PLASTIC ARTS
2.0 UNITS
An exploration of the use and application of various materials, tools and techniques in the field of plastic arts. The course includes studio projects involving the above mentioned materials and techniques.

### ART 151, CERAMICS-INTRODUCTORY LEVEL
3.0 UNITS
Exploration of clay as a structural and creative material. Emphasis is on problem solving, using clay and tools.
Prerequisite: Art 151 with a minimum grade of C.
**Material Fee(s): $8.00**

### ART 152, CERAMICS-INTERMEDIATE THROWING
3.0 UNITS
Further study of wheel thrown techniques with an emphasis on functional, utilitarian forms. Students provide own clay and tools.
Prerequisite: Art 151 with a minimum grade of C.
**Material Fee(s): $8.00**

### ART 153, CERAMICS-INTERMEDIATE HANDBUILDING
3.0 UNITS
Further study of handbuilding techniques with emphasis on one-of-a-kind sculptural forms. Non-traditional alternatives to glazes are explored. Students provide own clay and tools.
Prerequisite: Art 151 with a minimum grade of C.
**Material Fee(s): $8.00**

### ART 159A, CERAMIC COLOR DECORATION: LOW TEMPERATURE
3.0 UNITS
Exploration of surface color decoration on ceramic vessels. Emphasizes glazing techniques (low temperatures only) such as underglazes, lusters, engobes, sgraffito, decals, slip trailing, wax resist, burnishing, and ceramic pencils/crayons.
Prerequisite: Art 151 with a minimum grade of C.
**Material Fee(s): $8.00**

### ART 159B, CERAMIC COLOR DECORATION: HIGH TEMPERATURE
3.0 UNITS
Exploration of surface color decoration on ceramic vessels within the realm of high stoneware temperatures. Emphasizes glazing techniques such as marbling, feathering, misting, brush decoration, stencils, stamp printing, spraying, slip painting, glaze trailing, wax resist, and terra sigillata.
Prerequisite: Art 151 with a minimum grade of C.
**Material Fee(s): $8.00**
ART 164, WEB DESIGN 3.0 UNITS
Introduction to web design using digital media tools: graphics, illustrations, text, sound, motion, using software programs for the web. Students research how software programs are used in business presentations, advertising, entertainment, and self-promotion. Overview of elements and principles of design and motion. Prerequisite: Art 129 or Art 195 with a minimum grade of C or portfolio approval.

Material Fee(s): $10.00

49745 9:00a-9:50a M W Clark S DMC-104 Full Semester
10:00a-12:05p M W Clark S DMC-104

Section 49745 Mandatory on-campus meetings plus online instruction. Students are required to log on to Canvas on the first day of classes: http://rscdd.instructure.com

ART 166, CREATING REALISM WITH TEXTURES AND LIGHTS 3.0 UNITS
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 with a minimum grade of C or Art 162 with a minimum grade of C and portfolio review.

Material Fee(s): $15.00

50053 7:00p-8:25p Tu Th Waterman P SAC-A-223 Full Semester
8:35p-9:00p Tu Th Waterman P SAC-A-223

ART 168, DIGITAL MEDIA: PORTFOLIO AND BUSINESS STRATEGIES 3.0 UNITS
Creation of digital portfolios, career planning, and business operations for employment or continued education. Students will identify job markets, define career goals, develop resumes, create portfolios for print and/or Web, and develop interviewing skills. Includes overview of business requirements for working with customers. Art 162, 191A, 192A recommended. Prerequisite: Art 122 with a minimum grade of C or portfolio review.

Material Fee(s): $25.00

49744 3:45p-4:35p M W Clark S SAC-A-219 Full Semester
4:45p-6:10p M W Clark S SAC-A-219

ART 184, ART OF ANIMATION I 3.0 UNITS
This course is a beginning-level animation production class for those with little or no prior animation or digital art experience. Through lectures and research projects, students learn about the history and aesthetics of animation, while concurrently gaining hands-on experience in how to create animations through in-class step-by-step projects. Students will produce basic 2D and 3D animations and assets using Adobe Photoshop, Gimp and 3D animation software.

50054 1:00p-1:50p Tu Th Waterman P SAC-A-223 Full Semester
2:00p-4:05p Tu Th Waterman P SAC-A-223

ART 185, FUNDAMENTALS OF CARTOONING AND STORYBOARDING 3.0 UNITS
Introduction to basic cartooning, character development, and storyboarding as used in television, film, and electronic games. Includes sketching, inking, the development of characters, storyboard development, and an overview of cartoon and storyboard history.

50058 9:00a-10:25a F Sivertsen K SAC-A-223 Full Semester
10:35a-1:45p F Sivertsen K SAC-A-223

ART 190, INTRODUCTION TO MURAL PAINTING AND DESIGN 3.0 UNITS
A directed field studies course in designing and painting large-scale public art murals. Students will work collaboratively in groups and with the community to create designs. This class explores the various processes involved in the construction of large-scale public art while painting a variety of subject matter. Students will learn about historical, traditional and contemporary mural painting styles.

49716 1:30p-2:20p Tu Th Hostetter D SAC-C-106 Full Semester
2:30p-4:35p Tu Th Hostetter D SAC-C-106

ART 192A, DIGITAL ILLUSTRATION WITH ILLUSTRATOR 3.0 UNITS
An introduction to design and illustration techniques using Adobe Illustrator software on the Macintosh. Instruction in commonly used professional industry topics and techniques for print, animation, and the Web. Prerequisite: Art 195 with a minimum grade of C.

Material Fee(s): $15.00

49741 3:00p-3:50p Tu Th Nielsen C DMC-104 Full Semester
4:00p-6:05p Tu Th Nielsen C DMC-104

ART 193, MOTION GRAPHICS WITH ADOBE AFTER EFFECTS 3.0 UNITS
This graphics animation course covers the development of original motion graphics. Video editing skills are refined within the animation software to create animated clips for use in multiple media applications. Some experience in non-linear digital video editing is recommended, as well as some graphic design experience.

49746 8:00a-8:50a Tu Th Staff DMC-204 Full Semester
9:00a-11:05a Tu Th Staff DMC-204

ART 195, INTRODUCTION TO DIGITAL MEDIA ARTS 3.0 UNITS

Material Fee(s): $15.00

49736 Clark S SAC WEB 02/05-04/01

ART 196A, 3D MODELING FUNDAMENTALS 5.0 UNITS
This is an introductory course in developing digital 3D for art, video games, film, advertising and pre-visualization for product and architectural design. Focus is placed on building digital 3D characters, props and environments that will be used in students’ own animated short film or video game ideas. By employing the teacher-provided project management tools, students gain hands-on experience in how animated and interactive media projects are developed. Industry-standard low and high poly modeling methods, which utilize normal map application, is emphasized to ensure optimized models with stunning detail.

Prerequisite: Art 195 or Art 184 with a minimum grade of C.

49751 6:00p-7:25p M W Waterman P SAC-A-223
7:35p-10:45p M W Waterman P SAC-A-223

ART 230, INTERMEDIATE DRAWING 3.0 UNITS
Continued study in drawing with additional opportunities in graphic expression. Further exploration of media including colored pencils, oil pastel, charcoal, and mixed media. Continuation of composition concepts with emphasis on individual expression. Prerequisite: Art 130 with a minimum grade of C.

48815 10:00a-10:50a M W Hostetter D SAC-C-208 Full Semester
11:00a-1:05p M W Hostetter D SAC-C-208
49346 10:15a-11:05a Tu Th Jones A SAC-C-210 Full Semester
11:15a-1:20p Tu Th Jones A SAC-C-210
49318 1:10p-2:35p M W Hostetter D SAC-C-208 Full Semester
2:30p-4:35p M W Hostetter D SAC-C-208
48818 1:30p-2:20p Tu Th Herberg M SAC-C-210 Full Semester
2:30p-4:35p Tu Th Herberg M SAC-C-210
49323 7:00p-7:50p M W Synicky C SAC-C-208 Full Semester
8:00p-9:50p M W Synicky C SAC-C-208

ART 231, INTERMEDIATE LIFE DRAWING 3.0 UNITS
Continued experience in drawing from the live model with opportunity for development of self-expression. Further exploration of media and techniques. Prerequisite: Art 131 with a minimum grade of C.

49538 10:15a-11:05a M W Hower T SAC-C-210 Full Semester
11:15a-1:20p M W Hower T SAC-C-210
49609 10:15a-12:20p F Hower T SAC-C-210 Full Semester
12:30p-2:45p F Hower T SAC-C-210
49602 6:00p-6:50p Tu Th Lietty M SAC-C-210 Full Semester
7:00p-9:05p Tu Th Lietty M SAC-C-210

ART 232, ADVANCED LIFE DRAWING 3.0 UNITS
Intensive study of the figure with further development of drawing skills, composition, technique, and media utilizing the live model. Projects vary each semester. Prerequisite: Art 231 with a minimum grade of C.

49540 10:15a-11:05a M W Hower T SAC-C-210 Full Semester
11:15a-1:20p M W Hower T SAC-C-210
49610 10:15a-12:20p F Hower T SAC-C-210 Full Semester
12:30p-4:35p F Hower T SAC-C-210
49603 6:00p-6:50p Tu Th Lietty M SAC-C-210 Full Semester
7:00p-9:05p Tu Th Lietty M SAC-C-210

ART 233, ADVANCED DRAWING 3.0 UNITS
To further develop individual graphic expression, students will plan a series of drawing problems to be executed during the semester under the instructor’s direction. Exploration of new materials and techniques. Field trips to artists’ studios and museums. Prerequisite: Art 230 with a minimum grade of C or portfolio review.

48816 10:00a-10:50a M W Hostetter D SAC-C-208 Full Semester
11:00a-1:05p M W Hostetter D SAC-C-208
49347 10:15a-11:05a Tu Th Jones A SAC-C-210 Full Semester
11:15a-1:20p Tu Th Jones A SAC-C-210
49319 1:10p-2:20p M W Hostetter D SAC-C-208 Full Semester
2:30p-4:35p M W Hostetter D SAC-C-208
48819 1:30p-2:20p Tu Th Herberg M SAC-C-210 Full Semester
2:30p-4:35p Tu Th Herberg M SAC-C-210
49325 7:00p-7:50p M W Synicky C SAC-C-208 Full Semester
8:00p-10:05p M W Synicky C SAC-C-208

ART 240, INTERMEDIATE WATERCOLOR 2.0 UNITS
An intermediate level course providing for continued development of watercolor painting skills. Further refinement of media, technique and expression of style through more advanced painting projects. Subject matter content includes still-life, landscape, figurative studies, abstraction, and individual creative expression. Traditional and non-traditional approaches. Prerequisite: Art 140B with a minimum grade of C.

49683 1:10p-2:00p Tu Orr E SAC-C-208 Full Semester
2:10p-5:20p Tu Orr E SAC-C-208
ART 241, INTERMEDIATE PAINTING                3.0 UNITS
An intermediate level class designed to promote and advance the creative development of those with basic skills in water-soluble oil and/or acrylic painting. Opportunity for further study of historical and contemporary references and to increase experience with new media, methods, and techniques. Emphasis on artistic expression and individual creative problems.
Prerequisite: Art 141 with a minimum grade of C.
49695 1:30p-2:20p M W Orr E SAC C-210 Full Semester
2:30p-3:45p M W Orr E SAC C-210
49704 7:00p-7:50p M W Holland L SAC C-210 Full Semester
8:00p-10:05p M W Holland L SAC C-210

ART 242, ADVANCED PAINTING                  3.0 UNITS
An advanced level studio course providing opportunity for further refinement of painting skills with increasing exposure to contemporary styles. Emphasis on research and individual creative problems in painting. Exploration into a personal mode of expression through development of media, technique, and style. Classroom studio use of oils limited to water-soluble oil paint only.
Prerequisite: Art 241 with a minimum grade of C.
49698 1:30p-2:20p M W Orr E SAC C-210 Full Semester
2:30p-3:45p M W Orr E SAC C-210
49706 7:00p-7:50p M W Holland L SAC C-210 Full Semester
8:00p-10:05p M W Holland L SAC C-210

ART 243, PORTRAIT AND LIFE PAINTING          3.0 UNITS
Painting of the human form with study of portraiture and anatomy. Compositions in representation of the life model through interpretive studies in watercolor, pastels, water soluble oil, and acrylic. Study of traditional and contemporary methods and directions.
Prerequisite: Art 131 or Art 141 with a minimum grade of C.
49613 10:15a-12:20p F 12:30p-4:50p F 12:30p-4:50p F Howard T SAC C-210 Full Semester

ART 251, CERAMICS-ADVANCED THROWING AND HANDBUILDING          3.0 UNITS
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.
Prerequisite: Art 152 with a minimum grade of C.
Material Fee(s): $25.00
49873 7:00p-7:50p Tu Th Dufala C SAC C-105 Full Semester
8:00p-10:05p Tu Th Dufala C SAC C-105

ART 284, INTRODUCTION TO STONE SETTING-JEWELRY          2.0 UNITS
Course is an introduction to basic jewelry hand skills, including sawing, filing, soldering, and some fabrication. Emphasis is on cabochon and tube stone setting. Students supply their own stones and metal.
Material Fee(s): $25.00
49714 9:00a-9:50a Sa Monroe J SAC C-106 Full Semester
10:00a-1:10p Sa Monroe J SAC C-106

ART 291, MURAL PAINTING AND DESIGN II DESIGN          3.0 UNITS
An intermediate level mural art class designed to promote and advance the creative development of those with basic skills in mural painting. Opportunity for further study of historical and contemporary references and to increase experience with new media, methods, and techniques. Students will work collaboratively in groups and with the community to create designs. Intermediate students will take on more leadership roles in the group creative dynamic.
Prerequisite: Art 190 with a minimum grade of C.
49719 1:30p-2:20p Tu Th Hostetter D SAC C-106 Full Semester
2:30p-4:35p Tu Th Hostetter D SAC C-106

ART 292, MURAL PAINTING AND DESIGN III DESIGN          3.0 UNITS
An advanced level studio course providing opportunity for further refinement of large scale painting skills with increasing exposure to contemporary styles in mural painting. Exploration into an advanced personal mode of expression through development of media, technique, and style.
Prerequisite: Art 291 with a minimum grade of C.
49722 1:30p-2:20p Tu Th Hostetter D SAC C-106 Full Semester
2:30p-4:35p Tu Th Hostetter D SAC C-106

ART 296, PROFESSIONAL ART PRODUCTION           1.5 UNITS
Designed to provide practice in developing digital 3D or multimedia art projects for actual clients or in a simulated setting. Students choose an art project based on strengths, interests and market need to work on during the class.
Prerequisite: Art 196A with a minimum grade of C.
50052 6:00p-8:30p M W Waterman P SAC A-223 Full Semester
8:30p-9:00p M W Waterman P SAC A-223

Astronomy 109, Introduction to the Solar System         3.0 UNITS
Surveys history of astronomy, recent research and observations of the planets, moons, and other solar system objects. Exploration of light and gravity to understand formation, properties, and motion of Solar System objects.
50015 Turnak V SAC WEB Full Semester
Section 50015 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com
48436 1:15p-4:25p W Horenstein D SAC A-120 Full Semester
48434 6:15p-9:25p Th Horenstein D SAC R-124 Full Semester

Astronomy 110, Introduction to Stars and Galaxies         3.0 UNITS
Surveys the development of astronomy, current research and observations of stars, galaxies, and large-scaled structures in the universe. Exploration of light and gravity to understand the properties and evolution of stars, neutron stars, black holes, galaxies, and the universe structures and changes.
48440 8:40a-10:55a M W Staff SAC R-128 Full Semester
48439 1:25p-2:50p Tu Th Staff SAC R-124 Full Semester
48437 7:00p-10:10p W Staff SAC R-318 Full Semester

Astronomy 140, Astronomy Laboratory            1.0 UNIT
Utilizes experimental techniques to explore and comprehend properties and motions of celestial objects. Basic naked-eye, binocular, and small telescope observing techniques will be introduced. Field trips to local planetaria and dark sky locations may be included.
Prerequisite: Astronomy 109 or 110 with a minimum grade of C or concurrent enrollment.
48443 2:45p-5:55p Tu Staff SAC R-328 Full Semester
Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.
48445 3:00p-6:10p W Staff SAC R-328 Full Semester
Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.
48444 6:15p-9:25p Tu Horenstein D SAC R-328 Full Semester
Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

Automotive Technology 102, Auto Essentials         3.0 UNITS
Intended for automotive majors. Introduction to the primary automotive systems used on modern vehicles. Theory, parts nomenclature, and description of system operation are emphasized.
49375 1:00p-4:10p Th English N SAC J-101 Full Semester
49385 6:30p-9:40p M Garcia D SAC R-126 Full Semester

Automotive Technology 106, Automotive Maintenance      4.0 UNITS
Introduces basic maintenance procedures in the areas of engines, chassis, and electrical systems. This course is recommended for consumers as well as students interested in entering the automotive repair field. Safe and correct hands-on use of tools and equipment by students is emphasized. Students must furnish approved safety glasses.
49373 12:45p-4:30p M W Serrano M SAC J-102 Full Semester

Automotive Technology 108, Oxycetylene-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.
49674 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester
49658 5:00p-8:50p Tu Th Moreno G SAC K-101 Full Semester

Automotive Technology 122, Electronics Fundamentals      5.0 UNITS
Introduction to the basic operating principles of electrical and electronic devices used in modern vehicles. Hands-on digital multimeter testing is highlighted. Safe and correct use of tools and equipment by students will be emphasized. Students must furnish approved safety glasses.
49372 8:00a-12:30p M W Serrano M SAC J-102 Full Semester

Automotive Technology 124, Electrical Systems         5.0 UNITS
Theory, operation, diagnosis, and maintenance of automotive engine and body electrical systems. Use of wiring diagrams is highlighted. Safe and correct use of tools and equipment in the shop by students is emphasized. Students must furnish approved safety glasses. This course assists the student in preparation for the ASE (Electrical/Electronic) ASE certification exam.
49383 6:00p-10:30p M W Serrano M SAC J-102 Full Semester

Automotive Technology 132, Engine Performance        5.0 UNITS
Engine performance procedures including fuel, ignition, oscilloscope, emission control, and computer systems. Hands-on testing and diagnosis is emphasized. Students must furnish approved safety glasses. This course assists the student in preparation for the ASE (Engine Performance) ASE certification exam.
49388 6:00p-10:30p Tu Th Rudd J SAC J-102 Full Semester
AUTOMOTIVE TECHNOLOGY 145, ADVANCED DRIVE TRAIN SYSTEMS 5.0 UNITS
This course covers fully electronic controlled automatic transmission/transaxle diagnosis and service. Emphasis is placed on specialized diagnostic equipment and safe hands-on practice. Diagnosis of electronic sensors is highlighted. This course assists the student to prepare for the A2 (Automatic Transmission/Transaxle) and A1 (Manual Drive Train) ASE certification exam. Recommended Preparation: Automotive Technology 043 with a minimum grade of C.
49381 6:00p-10:30p Tu Th Bullard D SAC J-101 Full Semester

AUTOMOTIVE TECHNOLOGY 153, BRAKES 4.5 UNITS
Theory of operation, diagnosis, and service of drum, disc, and anti-lock brake systems used on modern vehicles. Safe and correct hands-on practice is emphasized. Students must furnish approved safety glasses. This course assists the student in preparation for the A7 (Air Conditioning and Heating) ASE certification exam.
48378 6:00p-10:30p M W Garcia S SAC J-101 Full Semester

AUTOMOTIVE TECHNOLOGY 161, AUTOMOTIVE AIR CONDITIONING, HEATING AND VENTILATION SYSTEMS 5.0 UNITS
The operation and service of modern automotive air conditioning systems. Practical application of air conditioning theory is presented to enable problem solving. Heating, ventilation, and electronic control systems are also included. Safe hands-on practice is emphasized. Students must furnish approved safety glasses. This course assists the student in preparation for the A7 (Air Conditioning and Heating) ASE certification exam. EPA 609 certification is an integral part of this course.
49370 8:00a-12:30p M W Rudd J SAC J-101 Full Semester

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.
46430 9:00a-1:15p Sa Trabant T SAC A-207 04/14-04/02

BIOLOGY

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 109, FUNDAMENTALS OF BIOLOGY 3.0 UNITS

48712 7:00a-10:05a M W Staff SAC WEB Full Semester
Section 48712 Available for Online Degree Pathway Students. Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

48451 7:00a-10:05a Staff SAC WEB Full Semester
Section 48451 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

48452 7:00a-10:05a Morris K SAC WEB Full Semester
Section 48452 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com.

48457 7:00a-10:05a Morris K SAC WEB 04/09-06/03
Section 48457 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com.

48458 7:00a-10:05a Morris K SAC WEB 04/09-06/03
Section 48458 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com.

48312 7:00a-8:25a M W Staff SAC R-124 Full Semester
Section 48312 Available for Online Degree Pathway Students. Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

48317 8:40a-11:50a F Dinh-Mahavongtrakul M SAC R-219 Full Semester

48318 8:40a-11:50a Sa Staff SAC R-124 Full Semester

48313 10:15a-11:40a M W Lopez J SAC R-128 Full Semester

48315 1:25p-2:50p Tu Th Lopez J SAC R-128 Full Semester

48316 3:00p-4:25p Tu Th Staff SAC R-126 Full Semester

48314 7:00p-10:15p M Staff SAC R-124 Full Semester

BIOLOGY 110H, 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. 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.

48471 4:35p-6:00p Tu Th Staff SAC R-126 Full Semester

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 109/109L lecture material. Fieldtrip required.

Prerequisite: Biology 109 or Biology 109L with a minimum grade of C or concurrent enrollment.

48320 3:00p-6:00p M Staff SAC R-126 Full Semester

48323 3:00p-6:00p Tu Lopez J SAC R-126 Full Semester

48326 3:00p-6:00p W Lopez J SAC R-126 Full Semester

48324 3:00p-6:00p Th Lopez J SAC R-126 Full Semester

48327 7:00p-10:05p Tu Staff SAC R-126 Full Semester

48330 7:00p-10:05p Th Staff SAC R-126 Full Semester

BIOLOGY 115, CONCEPTS IN BIOLOGY FOR EDUCATORS 4.0 UNITS
An investigation in the basic principles of Biology and Science with content appropriate for future multiple-subject teachers and secondary through high school. The course material is presented within the context of the human experience and includes cell biology, physiology, genetics, evolution, ecology, animal behavior, and the interaction of humans with the environment. The course is taught from an inquiry-based strategy using active learning.

48337 8:40a-11:50a F Chroman L SAC R-219 Full Semester
12:30p-3:40p F Chroman L SAC R-219

BIOLOGY 132, NATURAL HISTORY OF DEATH VALLEY 1.0 UNIT
Natural history of Death Valley emphasizing the biology of the plants and animals, their ecology, adaptations and evolutionary history, as well as the history of environmental change and human activities. This is a field study course and includes overnight camping.

48965 TBA Morris A SAC FLD TRP 02/05-03/23
12:30p-3:40p F Bruckman D SAC R-219 03/02-03/02
12:30p-3:40p F Rose S SAC R-219 03/23-03/23

48966 2:00p-3:00p F Bruckman D SAC R-219 03/02-03/02
12:30p-3:40p F Rose S SAC R-219 03/23-03/23

48321 7:00a-10:05a Tu Staff SAC R-202 Full Semester

48331 7:00a-10:05a F Staff SAC R-202 Full Semester

48319 10:15a-1:20p M Staff SAC R-202 Full Semester

48322 10:15a-1:20p Tu Staff SAC R-202 Full Semester

48325 10:15a-1:20p W Staff SAC R-202 Full Semester

48328 10:15a-1:20p Th Staff SAC R-202 Full Semester

48332 11:50a-2:55p F Staff SAC R-202 Full Semester

48333 11:50a-2:55p Sa Staff SAC R-202 Full Semester

48320 3:00p-6:00p M Staff SAC R-202 Full Semester

48323 3:00p-6:00p Tu Lopez J SAC R-202 Full Semester

48326 3:00p-6:00p W Lopez J SAC R-202 Full Semester

48324 3:00p-6:00p Th Lopez J SAC R-202 Full Semester

48327 7:00p-10:05p Tu Staff SAC R-202 Full Semester

48330 7:00p-10:05p Th Staff SAC R-202 Full Semester

BIOLOGY 149, HUMAN ANATOMY AND PHYSIOLOGY 4.0 UNITS
Structural organization of the human body; gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. This course is primarily intended for nursing, allied health, kinesiology, and other health-related majors.

48344 11:50a-3:00p M Staff SAC R-126 Full Semester
8:40a-11:50a Th Beltran J SAC R-201 Full Semester

48345 11:50a-3:00p M Staff SAC R-126 Full Semester
3:15p-6:25p Th Staff SAC R-201 Full Semester

48338 6:10p-9:20p Tu Staff SAC R-124 Full Semester
7:00p-10:10p Th Staff SAC R-201
BIOLOGY 190, INTRODUCTION TO BIOTECHNOLOGY 3.0 UNITS
This course is a general examination of biology as it relates to the field of biotechnology. Topics include the fundamental chemical processes common in prokaryotic and eukaryotic biology, chemistry of bio-molecules (proteins, enzymes, nucleic acids and lipids), cellular and molecular biology, basic immunology, and classical and molecular genetics with an emphasis on gene expression and genetic engineering.
48346 8:40a-10:05a M W Staff SAC R-228 Full Semester

BIOLOGY 190L, INTRODUCTORY BIOTECH LAB 1.0 UNIT
This laboratory is a general examination of biology as it relates to the field of biotechnology. The laboratory addresses basic skills and techniques common to the biotechnology industry. Topics include the measurement of activity and quantity of proteins, growth and manipulation of bacteria, genetic engineering and antibody methods. This course is intended as a laboratory class for students majoring in applied biology and as a general education laboratory option for all students.
Prerequisite: Biology 190 with a minimum grade of C or Concurrent enrollment in Biology 190.
48347 10:15a-11:40a M W Staff SAC R-228 Full Semester

BIOLOGY 191, BIOTECH & BASIC SKILLS 4.0 UNITS
This course prepares students for entry-level work in the biotechnology industry by emphasizing the core concepts needed to work effectively in a bioscience laboratory. Topics include laboratory math, basic chemistry of buffers, healthy and safety, metrology and quality control. This course introduces students to standard biotechnology laboratory skills including laboratory measurement, management of an industry-standard notebook, preparation and sterilization of solutions, reagents and media, proper use and maintenance of laboratory equipment, adherence to quality control protocols and lab safety regulations, data collection and evaluation, basic separation methods, aseptic technique and documentation.
49016 8:40a-11:50a Sa Staff SAC R-228 Full Semester
12:30p-3:40p Sa Staff SAC R-228 Full Semester

BIOLOGY 192, BIOTECH B: PROTEINS 4.0 UNITS
This course is an introduction to protein purification techniques including sample preparation, protein separation and purification, column chromatography, large-scale recovery, and use of assays for recovery analysis. It provides hands-on training with chromatography systems and assays used in industry and research laboratories. Application of current Good Manufacturing protocols and lab safety regulations, data collection and evaluation, basic separation methods, aseptic technique and documentation.
48348 Staff SAC WEB Full Semester
6:35p-8:00p M W Staff SAC R-228 Full Semester
Section 48348 Online instruction plus mandatory on-campus weekly lab meetings every Mon/Wed, 6:35p-8:00p, SAC R-228. Students are required to log on to Canvas on the first day of class: http://rrcsd.instructure.com

BIOLOGY 211, CELLULAR AND MOLECULAR BIOLOGY 5.0 UNITS
An investigation into the molecular and cellular basis of life, including the evolution of cells, cell structure and function, energy and information flow, cellular reproduction, genetics, and the molecular basis of inheritance. Required of majors in biology, medicine, forestry, and agriculture. This course is a prerequisite for Biology 212 and Biology 214.
Prerequisite: Mathematics 808 or 818 or 84 and Chemistry 219 or 219H with a minimum grade of C.
48349 1:25p-2:50p Tu Th Dinh-Mahavongtrakul M SAC R-126 Full Semester
8:00a-11:45a Tu Dinh-Mahavongtrakul M SAC R-228 Full Semester
48350 1:25p-2:50p Tu Th Dinh-Mahavongtrakul M SAC R-126 Full Semester
3:00p-6:05p Tu Dinh-Mahavongtrakul M SAC R-228 Full Semester

BIOLOGY 212, ANIMAL DIVERSITY AND ECOLOGY 5.0 UNITS
A study of ecological principles and relationships between animal diversity and ecosystems. Habitat, populations, ecological interactions, and environmental influences are stressed while surveying animal diversity and addressing structure, function, behavior, and adaptation of major taxonomic groups. Required of majors in biology, medicine, forestry and agriculture. Field trips required.
Prerequisite: Biology 211 with a minimum grade of C.
48351 10:15a-11:40a M W Morris K SAC R-126 Full Semester
11:50a-2:55p M W Morris K SAC R-219 Full Semester

BIOLOGY 214, PLANT DIVERSITY AND EVOLUTION 5.0 UNITS
Principles and processes of evolution leading to biodiversity. Survey of the organisms, viruses, prokaryotes, fungi, algae, and plants with emphasis on evolutionary adaptations of the anatomy, physiology, and life cycles of these organisms. Field trips required.
Prerequisite: Biology 211 with a minimum grade of C.
48352 11:50a-1:15p Tu Th Jang C SAC I-101 Full Semester
1:30p-4:35p Tu Th Jang C SAC R-219 Full Semester

BIOLOGY 229, GENERAL MICROBIOLOGY 5.0 UNITS
Introduction to microorganisms, their classification, structure, biochemistry, growth, control, and interactions with other organisms and the environment. Designed for biology, preprofessional, and prenursing (BSN) majors.
Prerequisite: Biology 109/109H or 109L or 140, or 211, or 239, or 249, or Chemistry 119 or Chemistry 209 with a minimum grade of C.
Material Fee(s): $20.00
48353 12:55p-2:20p M W Takahashi M SAC R-124 Full Semester
9:00a-12:05p M W Takahashi M SAC R-226 Full Semester
48354 12:55p-2:20p M W Takahashi M SAC R-214 Full Semester
2:50p-5:55p M W Lopez T SAC R-226 Full Semester
48355 12:55p-2:20p M W Takahashi M SAC R-226 Full Semester
6:10p-9:15p M W Takahashi M SAC R-226 Full Semester
48467 3:35p-5:00p Tu Th Oertel P SAC R-128 Full Semester
8:30a-11:35a Tu Oertel P SAC R-226 Full Semester
48472 3:35p-5:00p Tu Th Oertel P SAC R-128 Full Semester
11:50a-2:55p Tu Oertel P SAC R-226 Full Semester
48473 3:35p-5:00p Tu Th Oertel P SAC R-128 Full Semester
5:30p-8:35p Tu Staff SAC R-226

BIOLOGY 239, GENERAL HUMAN ANATOMY 4.0 UNITS
Structure of the human body. Systems, organs, and tissues are studied from human skeletons, models, charts, slides and various electronic programs. Laboratory includes the dissection of a cat and periodic demonstrations of a projected cadaver as available.
48484 7:05a-8:30a Tu Th Hampton J SAC R-124 Full Semester
8:40a-11:50a M Hampton J SAC R-201 Full Semester
48485 7:05a-8:30a Tu Th Hampton J SAC R-124 Full Semester
8:40a-11:50a Tu Hampton J SAC R-201 Full Semester
48486 7:05a-8:30a Tu Th Hampton J SAC R-124 Full Semester
12:15p-3:25p Tu Hampton J SAC R-201 Full Semester
48487 7:05a-8:30a Tu Th Hampton J SAC R-124 Full Semester
10:45a-1:55p F Ray S SAC R-201 Full Semester
48491 8:40a-11:50a Sa Staff SAC R-124 Full Semester
2:30p-5:40p F Staff SAC R-201 Full Semester
48492 8:40a-11:50a Sa Staff SAC R-124 Full Semester
12:15p-3:25p Sa Staff SAC R-201 Full Semester
48493 8:40a-11:50a Sa Staff SAC R-124 Full Semester
6:00p-9:10p F Staff SAC R-201 Full Semester
48475 8:40a-10:05a M W Hampton J SAC R-124 Full Semester
48476 8:40a-10:05a M W Hampton J SAC R-124 Full Semester
3:45p-6:55p Tu Staff SAC R-201 Full Semester
48477 8:40a-10:05a M W Hampton J SAC R-124 Full Semester
7:10p-10:20p Tu Staff SAC R-201 Full Semester
48478 8:40a-10:05a M W Hampton J SAC R-124 Full Semester
7:30a-10:40a F Staff SAC R-201 Full Semester
48488 7:00p-10:10p Th Staff SAC R-128 Full Semester
7:00p-10:10p M Staff SAC R-201 Full Semester
48499 7:00p-10:10p Th Patel D SAC R-128 Full Semester
8:40a-11:50a Sa Patel D SAC R-201 Full Semester
48490 7:00p-10:10p Th Patel D SAC R-128 Full Semester
3:30p-6:40p Sa Staff SAC R-201 Full Semester

BIOLOGY 249, HUMAN PHYSIOLOGY 4.0 UNITS
Microscopic, macroscopic, and dynamic view of the human physiological processes. The lecture portion includes a thorough consideration of both “cell and systems” physiology. Laboratory work includes the use of techniques used in basic research, an introduction to the use of standard medical equipment, and the performance of medical laboratory tests. Non-invasive experiments are performed on students enrolled in the class.
Prerequisite: Biology 239 with a minimum grade of C or similar Human Anatomy course.
48497 12:55p-4:05p Sa Staff SAC R-126 Full Semester
9:00a-12:10p Sa Carillo A SAC R-219 Full Semester
48498 12:55p-4:05p Sa Staff SAC R-126 Full Semester
4:30p-7:40p Sa Staff SAC R-219 Full Semester
48494 2:45p-5:55p M Beltran J SAC R-124 Full Semester
8:40a-11:50a W Beltran J SAC R-201 Full Semester
48495 2:45p-5:55p M Beltran J SAC R-124 Full Semester
1:25p-4:35p W Beltran J SAC R-201 Full Semester
48496 2:45p-5:55p M Beltran J SAC R-124 Full Semester
4:45p-7:55p W Carillo A SAC R-201 Full Semester
### BUSINESS 259, ENVIRONMENTAL BIOLOGY

<table>
<thead>
<tr>
<th>SECTION</th>
<th>TIME</th>
<th>DAYS</th>
<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
<th>DATES</th>
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<tbody>
<tr>
<td>4.0 UNITS</td>
<td>7:00a-10:05a</td>
<td>M</td>
<td>Bruckman D</td>
<td>SAC R-124</td>
<td>Fall Semester</td>
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<tr>
<td>7:00a-10:05a</td>
<td>M</td>
<td>Williamson L</td>
<td>SAC R-219</td>
<td>Fall Semester</td>
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**Introduction to Environmental Biology.** Includes study of ecosystems, population dynamics, classification, diversity of plant and animal species, effects of pollutants at both the cellular and organismal levels, and principles of ecology.

### OPEN EDUCATIONAL RESOURCES

- **BUSINESS 100, FUNDAMENTALS OF BUSINESS**
  - 3.0 UNITS
  - An introduction to the basic fundamentals of business. A survey of marketing, production, accounting, finance, and economics and how they interrelate in the business environment.

- **BUSINESS 103, COOPERATIVE WORK EXPERIENCE - GENERAL EDUCATION - GENERAL OCCUPATIONAL**
  - Open Entry / Open Exit
  - Attendance at an orientation meeting is mandatory.
  - Tuesday, February 13th, 11:00a-12:30p in SAC A-228 or 6:00p-7:30p in SAC A-228.

- **BUSINESS 104, COOPERATIVE WORK EXPERIENCE - OCCUPATIONAL**
  - Open Entrance / Open Exit
  - Attendance at an orientation meeting is mandatory.
  - Tuesday, February 13th, 12:00p-1:30p in SAC A-222 or 6:00p-7:30p in SAC A-222

### BUSINESS PROGRAM ORIENTATION

All students considering Business as a field of study or career should attend Wednesday, January 31st from 6:00p – 8:00p, Room A-209.

“**For additional business courses, check under entrepreneurship, management and marketing.”**

### BLACK STUDIES

- **BLACK STUDIES 101, INTRODUCTION TO BLACK STUDIES**
  - 3.0 UNITS
  - A course designed to present a foundation in African American history for subsequent course work leading to a degree in Black Studies and/or Ethnic Studies. This course will highlight the significant contributions of African Americans to the history of America in the areas of history, literature, arts, science, and technology.

- **BLACK STUDIES 102, LITERATURE, ARTS, SCIENCE, AND TECHNOLOGY**
  - 3.0 UNITS
  - Survey of the significant contributions of African Americans to the history of America in the areas of history, literature, arts, science, and technology.

### EARN UP TO 16 UNITS OF CREDIT ON YOUR JOB

Cooperative Work Experience

Paid or volunteer, supervised employment designed for students who are training or upgrading their current worker skills for upward mobility or those entering at either paid or unpaid work sites to acquire entry-level or advanced occupational training. If you have any questions, call 714-564-6750.

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

All majors may enroll in either Business 103 or Business 104. Program is available to students who are gaining experience at their current work site as a paid employee, an intern, or a volunteer. All questions will be answered and paperwork distributed at orientation meetings.

To earn 1 unit of credit a student is required to work 60 hours if unpaid and 75 hours if paid. A maximum of 4 units of credit can be earned each semester. Limit 16 units in Cooperative Work Experience courses.

### BUSINESS 103, COOPERATIVE WORK EXPERIENCE

**Attendance at an orientation meetings is mandatory.**

- **Tuesday, February 13th, 11:00a-12:30p in SAC A-228 or 6:00p-7:30p in SAC A-228.**

### BUSINESS 104, COOPERATIVE WORK EXPERIENCE

**Attendance at an orientation meetings is mandatory.**

- **Tuesday, February 13th, 12:00p-1:30p in SAC A-222 or 6:00p-7:30p in SAC A-222.**

### PARALEGAL COOPERATIVE WORK EXPERIENCE

Paralegal students enroll in: Paralegal 105 (46497) or Paralegal 299 (46593). Orientation meeting Wednesday, January 31st, 6:00p–8:00p, SAC A-226.

- **Section 46453 Online instruction.**
  - No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

- **Section 46455 Online instruction.**
  - Attendance at an orientation meeting is mandatory. Log on to Canvas [http://rsccd.instructure.com](http://rsccd.instructure.com) for Orientation requirement.

- **Section 46456 Online instruction.**
  - No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

### BUSINESS 103, COOPERATIVE WORK EXPERIENCE - OCCUPATIONAL

- **1.0 - 4.0 UNITS**
  - This work experience course of supervised employment is designed to assist students to acquire desirable work habits, attitudes and skills in a field related to the students’ major so as to enable them to become productive employees. This course also provides students with career awareness for jobs. 75 hours of paid work or 60 hours of un-paid work equals one unit of course credit. Student repetition is allowed per Title 5, Section 55253.
  - Open Entry / Open Exit

- **Section 46453 Online instruction.**
  - No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

- **Section 46455 Attendance at an orientation meetings is mandatory.**
  - SAC: Tuesday, February 13, 11:00a-12:30p in SAC A-228 or 6:00p-7:30p in SAC A-228.

- **Section 46456 Attendance at an orientation meeting is mandatory.**
  - Open on Canvas [http://rsccd.instructure.com](http://rsccd.instructure.com) for Orientation requirement.

### BUSINESS 104, COOPERATIVE WORK EXPERIENCE - GENERAL EDUCATION

- **1.0 - 4.0 UNITS**
  - This work experience course of supervised employment is designed to assist students to acquire desirable work habits, attitudes and skills in a field not related to the students’ major so as to enable them to become productive employees. This course also provides students with career awareness for jobs. 75 hours of paid work or 60 hours of un-paid work equals one unit of course credit. Student repetition is allowed per Title 5, Section 55253.
  - Open Entry / Open Exit

- **Section 46456 Online instruction.**
  - No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

### BUSINESS 105, LEGAL ENVIRONMENT OF BUSINESS

- **3.0 UNITS**
  - Fundamental legal principles pertaining to business transactions. Introduction to the law as an instrument of social and political control in society. Topics include sources of law and ethics, contracts, torts, agency, criminal law, business organizations, and judicial and administrative processes.

- **Section 46453 Online instruction.**
  - No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

- **Section 46455 Online instruction.**
  - No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

### BUSINESS 106, BUSINESS ETHICS

- **3.0 UNITS**
  - Business ethics course designed to present a basis in business ethics and decision making. Topics include sources of law and ethics, contracts, torts, agency, criminal law, business organizations, and judicial and administrative processes.

- **Section 46453 Online instruction.**
  - No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.
INTERNATIONAL BUSINESS

TRANSFER DEGREE AND
CGBP CREDENTIAL!

International Business courses prepare students to sit for the CGBP Exam and become a Certified Global Business Professional. You will transfer as a junior with your International Business Degree to CSU Fullerton, Cal Poly Pomona, and Univ. of Northern Iowa.

Contact the GBE faculty:
Shweiri_gabriel@sac.edu, Kowsari_ali@sac.edu, or Doolittle_glenn@sac.edu

BUSINESS 142, INTERNATIONAL MARKET RESEARCH AND PLANNING 1.0 UNIT
How to research international markets for opportunities using the Internet, government and private resources as well as in-market surveys. Includes the development of international marketing strategies and the analysis of domestic and international markets for import and export opportunities.
46467 6:00p-10:00p Tu Stewart L SAC A-203 03/05/04/07

BUSINESS 143, PACKAGING, PRICING, AND PROMOTING PRODUCTS/SERVICES FOR EXPORT 1.0 UNIT
Understand international market requirements. Learn to adapt products and services to meet international market needs. Create competitive price structures. Implement exciting promotion and advertising plans. Learn how to entice international customers to buy U.S. products and services.
46649 6:00p-10:00p Tu Shweiri G SAC A-203 04/09/05/05

BUSINESS 145, CHANNELS OF DISTRIBUTION IN INTERNATIONAL MARKETS 1.0 UNIT
Learn alternate methods for distributing products in international markets. How to use distributors and agents. Learn channels of distribution for different industries and different countries. Adapt distribution strategies to maintain product quality, positioning, and competitive price structure.
46653 6:00p-10:00p Tu Stewart L SAC A-203 05/07/06/03

BUSINESS 150, INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS 3.0 UNITS
Introduction to computer concepts and information management systems. Application software will be used to solve business problems.
47419 David K SAC A-203 Full Semester
Section 47419 Online Instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com
47420 Kushida C SAC A-203 Full Semester
Section 47420 Online Instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com
47417 8:40a-10:05a M W Nguyen M SAC A-208 Full Semester
47418 6:00p-10:05p M Staff SAC A-208 Full Semester

BUSINESS 160, INTRODUCTION TO STOCK AND BOND INVESTMENTS 3.0 UNITS
An introductory course in investment decision-making. Topics covered are types of securities, securities markets, stocks, bonds, options, mutual funds, value analysis, international investing, portfolio management, and financial planning.
46435 Hoekstra T SAC A-203 Full Semester
Section 46435 Online Instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

BUSINESS 163, INTERNATIONAL METHODS OF PAYMENT AND LETTERS OF CREDIT 1.0 UNIT
An introduction to different cultures and their effects on international business. Analysis of cross-cultural attitudes towards management, status, roles, relationships, motivating employees, and negotiation.

BUSINESS 164, ALTERNATIVE FINANCING TECHNIQUES FOR INTERNATIONAL TRADE 1.0 UNIT
Explore the alternative financing techniques of bartering, countertrade, and forfeiting for medium-term financing. Learn how the foreign exchange market operates and the risk and management techniques of foreign exchange.
46661 6:00p-10:00p Th Staff SAC A-203 04/09/05/05

BUSINESS 165, INTERNATIONAL TRADE FINANCE AND INSURANCE 1.0 UNIT
Learn how to adapt marketing techniques to international markets, how to develop marketing strategies, and how to target markets based on the cultural, political and economic environments. Learn how to create forecasts and budgets for international markets.
4662 6:00p-10:00p Th Yamada S SAC A-203 03/05/04/07
### Microsoft, Adobe and QuickBooks Certification Available at SAC

SAC Business Applications & Accounting students are eligible to take certification exams for **FREE:**

**Microsoft Office Specialist (MOS)**
Contact: dumon_dori@sac.edu

**Adobe Certified Associate (ACA)**
Contact: mccallick_mark@sac.edu

### BUSINES APPLICATIONS

**Business Applications & Technology Program Orientation**

Ask questions and learn details about classes & certificate/degree programs –

Microsoft, Adobe, Office Mgmt., Spanish/English Interpreting

Wednesday, January 31st from 6:00p–8:00p, Room A-208.

### BUSINESS APPLICATIONS 017, BUSINESS WRITING SKILLS

**3.0 UNITS**

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

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<tr>
<th>Course</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
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<tr>
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<td>Th Hagelbarger T</td>
<td>SAC A-228</td>
<td>Full Semester</td>
</tr>
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</table>

### BUSINESS APPLICATIONS 018, OFFICE PROCEDURES

**3.0 UNITS**

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

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<tr>
<th>Course</th>
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<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
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<tr>
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<td>F Manzano M</td>
<td>SAC A-224</td>
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### BUSINESS APPLICATIONS 051, INTRODUCTION TO SPANISH BILINGUAL INTERPRETING

**3.0 UNITS**

An introductory course in interpretation/translation in English/Spanish designed to introduce students to the different career fields that employ bilingual skills such as the business, legal, medical and educational professions. Written translation and oral interpretation skills utilized and developed in both English and Spanish. Fluency in Spanish and English is recommended.

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<th>Instructor</th>
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### BUSINESS APPLICATIONS 056, GENERAL FOUNDATION FOR BILINGUAL INTERPRETING-SPANISH/ENGLISH

**3.0 UNITS**

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

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</table>

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

**3.0 UNITS**

A course in legal interpretation/translation designed for employment certification of interpreters for government and private legal businesses. Fluency in Spanish and English strongly recommended. Same as Law 058. Field trips may be required.

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

**1.0 UNIT**

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

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<th>Course</th>
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<th>Instructor</th>
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<th>Dates</th>
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<td>46674</td>
<td>6:00p-10:00p</td>
<td>Th Yamada S</td>
<td>SAC A-203</td>
<td>02/05-03/03</td>
</tr>
</tbody>
</table>

### BUSINESS 222, BUSINESS WRITING

**3.0 UNITS**

Overview of oral and written communication skills used in business. Emphasizes guidelines for improving writing and speaking skills, common solutions to common communication problems, ethical issues facing business communicators today, instructions on how to identify areas of legal vulnerability, and tested techniques for communicating successfully in today’s high-tech, international business environment.

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

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<td>46688</td>
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### BUSINESS APPLICATIONS 066, MICROSOFT OUTLOOK

**1.5 UNITS**

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

**Software Utilized:** Outlook 2016

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<th>Course</th>
<th>Time</th>
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### BUSINESS APPLICATIONS 110A, COMPUTER KEYBOARDING SKILLS I

**1.0 UNIT**

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

**Open Entry / Open Exit**

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<th>Course</th>
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### BUSINESS APPLICATIONS 115A, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT I

**1.0 UNIT**

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

**Open Entry / Open Exit**

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### BUSINESS APPLICATIONS 160, MICROSOFT PUBLISHER

**3.0 UNITS**

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

**Software Utilized:** MS Publisher 2016

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<th>Course</th>
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### BUSINESS APPLICATIONS 163, ADOBE ACROBAT

**3.0 UNITS**

Learn to use Adobe Acrobat Pro software to create, secure, optimize, and distribute interactive PDF documents for print and web. Course covers document review features to add comment and editing notes and electronic signatures used by most departments in an office based on current business standards.

<table>
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<th>Course</th>
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</table>
CTE Internship Program at SAC Gain Valuable Experience & Build Your Skills & Resume

As a student taking CTE courses including Accounting, Auto/Diesel, Bio-Technology, Business, Engineering, Digital Media, Graphic Arts, Paralegal or many others, you qualify to meet with our full-time CTE Internship Coordinator. Services include resume assistance and internship searching. Gain on-the-job skills and build your resumé by participating in an internship.

For more information contact internships@sac.edu
<table>
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<tr>
<th>SECTION</th>
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<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
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**CHEMISTRY 219, GENERAL CHEMISTRY**

<table>
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**CHEMISTRY 249, ORGANIC CHEMISTRY I**

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<td>SAC R-303</td>
<td>Full Semester</td>
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<td>Tu Th</td>
<td>Khong S</td>
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<td>Full Semester</td>
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<tr>
<td>48309</td>
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<td>Tu Th</td>
<td>Khong S</td>
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**CHEMISTRY 299, ORGANIC CHEMISTRY II**

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<td>48311</td>
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<tr>
<td>48310</td>
<td>5:00p-6:25p</td>
<td>M W</td>
<td>Yamada T</td>
<td>SAC R-318</td>
<td>Full Semester</td>
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<td>45511</td>
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<td>Yamada T</td>
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<td>INSTRUCTOR</td>
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<tr>
<td>CHILD DEVELOPMENT 205, INTRODUCTION TO CHILDREN WITH SPECIAL NEEDS</td>
<td>3.0 UNITS</td>
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<tr>
<td>This course introduces the variations in development of children and adolescence with special needs, and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to individuals with special needs, and the identification and referral process.</td>
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<tr>
<td>Section 48191 Online instruction. No on-campus meeting times. Students are required to log on to Canvas the first day of classes: <a href="http://rsccd.instructure.com">http://rsccd.instructure.com</a></td>
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<td>Th</td>
<td>Holmes A</td>
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<tr>
<td>48189</td>
<td>2:30p-5:40p</td>
<td>Th</td>
<td>Silverman L</td>
<td>SAC F-103</td>
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<tr>
<td>48188</td>
<td>6:00p-9:10p</td>
<td>M</td>
<td>Silverman L</td>
<td>SAC H-207</td>
<td>Full Semester</td>
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</tbody>
</table>

| CHILD DEVELOPMENT 207, SUPPORTING AND EMPOWERING FAMILIES OF CHILDREN WITH SPECIAL NEEDS | 3.0 UNITS | | | | |
| This course will provide teachers, intervention assistants, administrators, and parents the tools necessary to support and empower families of children with disabilities and other special needs in early childhood and school age programs. Techniques, strategies, and resources will be provided to support children in a natural and/or inclusive educational setting and to help guide parents to be advocates of their children. |
| Prerequisite: Child Development 205 with a minimum grade of C. |
| 48192 | 6:30p-9:40p | Tu | Maetzoller Larsen M | SAC I-102 | Full Semester |

| CHILD DEVELOPMENT 220, THE CHILD AS A VICTIM | 3.0 UNITS | | | | |
| Exploration of battered, molested, and neglected children from five vantage points: child, law, parents, social services and educator. |
| 48193 | 8:00a-9:25a | M W | Cota V | SAC V-150 | Full Semester |
| 30106 | 6:00p-9:10p | W | Staff | SAC H-207 | Full Semester |

| CHILD DEVELOPMENT 221, LIVING AND 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. |
| Prerequisite: Child Development 111B or Child Development 116B with a minimum grade of C. |
| 48194 | 6:30p-9:40p | M | Robinson K | SAC V-151 | Full Semester |

| CHILD 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. |
| 48195 | 6:30p-9:40p | W | Wahl S | SAC V-151 | Full Semester |

| CHILD DEVELOPMENT 250, ADULT SUPERVISING AND MENTORING IN EARLY CARE AND EDUCATION | 2.0 UNITS | | | | |
| For the experienced teacher, a study of the methods and principles of supervising adults in early childhood classrooms. Emphasis is on the role of experienced classroom teachers who function as supervisors/mentors to new teachers and staff while simultaneously addressing program quality and the needs of children, parents, and other staff. |
| Prerequisite: Child Development 111B or Child Development 116B with a minimum grade of C. By the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMIR immunization, and negative TB test will be required. |
| 48196 | 6:00p-8:05p | M | Duesenberg J | SAC I-101 | Full Semester |

| CHILD DEVELOPMENT 297, ANALYZING AND APPLYING TEACHER STRATEGIES IN THE CLASSROOM | 3.0 UNITS | | | | |
| This course will provide students with essential skills to utilize a variety of current statewide assessment tools that address the quality of early childhood programs and the developmental levels of young children. Students will identify strategies to help teachers effectively use curriculum that is intentional, child-focused, and content-driven. Students will also learn to be responsive of cultural diversity, English-language learners, and the unique needs of families. |
| Prerequisite: Child Development 111B or Child Development 116B or Child Development 120B with a minimum grade of C. By the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMIR immunization, and negative TB test will be required. |
| 48205 | 6:00p-9:10p | Tu | Lamoureux C | SAC I-103 | Full Semester |

| CHILD 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. |
| 48197 | 6:00p-8:05p | Tu | Hardy M | SAC D-107 | Full Semester |

Section 48197 has 5 hours arranged per week.
CHILD DEVELOPMENT 298B, PRACTICUM IN INFANT/TOOTHER PROGRAMS 3.0 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 infant/toddler-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 infants and toddlers.
Prerequisite: Child Development 110, Child Development 116B, Child Development 112, Child Development 200, Child Development 205, Child Development 221, and Child Development 297 with a minimum grade of C. (Negative TB Test or x-rays.
48198 6:00p-8:00p Tu  Hardy M SAC D-107 Full Semester

CHILD DEVELOPMENT 299, COOPERATIVE WORK EXPERIENCE EDUCATION 1.0 - 4.0 UNITS
This work experience course of supervised employment is designed to assist students to acquire career awareness and work habits in early childhood after-school programs. Credit may be accrued at the rate of one to 4 units per semester for a total of sixteen units. Additionally, students must work 75 paid hours or 60 non-paid hours per unit. Credit.
Prerequisite: Six units of Child Development or Education courses completed. Students must bring transcripts to first class meeting. Failure to comply will result in student being dropped from the course.
Open Entry / Open Exit
50108 TBA Funakoa M SAC Full Semester

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.
45507 12:55p-2:35p Tu Th Satow J SAC D-211 Full Semester
45508 12:55p-3:25p M W Maldonado J SAC D-214 Full Semester

CHINESE 102, ELEMENTARY CHINESE II 5.0 UNITS
Continuation of Chinese I. Further training in language skills providing avenues for the expression of ideas in both oral and written forms. Enhanced study of culture and socio-linguistic knowledge appropriate to Chinese-speaking societies.
Prerequisite: Chinese 101 with a minimum grade of C or equivalent, or two years of high school Chinese with a passing grade.
44594 7:05a-8:30a M W Brown L SAC C-213 Full Semester
45533 7:05a-8:30a Tu Th Carroll K SAC C-213 Full Semester
44447 7:05a-8:30a Tu Th Brown L SAC C-214 Full Semester
44448 8:40a-10:05a W M Brown L SAC C-213 Full Semester
44449 8:40a-10:05a M W Nguyen C SAC C-202 Full Semester
44450 8:40a-10:05a Tu Th Brown L SAC C-213 Full Semester
45571 8:40a-10:05a Tu Th Carroll K SAC C-207 Full Semester
44607 8:40a-11:50a F Wagner S SAC C-202 Full Semester
44511 10:15a-11:40a M W Nguyen C SAC A-206 Full Semester
44444 10:15a-11:40a M W Brown L SAC C-213 Full Semester
44449 10:15a-11:40a Tu Th Brown L SAC C-213 Full Semester
44449 10:15a-11:40a Tu Th Fendren S SAC C-207 Full Semester
44446 11:50a-1:15p W M Brown L SAC C-213 Full Semester
44458 11:50a-1:15p M W Labreau K SAC A-222 Full Semester
44497 11:50a-1:15p Tu Th Fendren S SAC C-214 Full Semester
44459 11:50a-1:15p M W Fendren S SAC I-103 Full Semester
44451 11:50a-1:15p Tu Th Carroll K SAC C-207 Full Semester
44455 3:00p-4:10p M Holder V SAC C-202 Full Semester
44456 3:00p-4:10p Tu Th Labreau K SAC C-213 Full Semester
44450 3:00p-4:10p Tu Th Fendren S SAC C-204 04/10-05/31
44452 6:30p-9:40p M Holder V SAC C-202 Full Semester
44456 6:30p-9:40p Th Bruns K SAC C-202 Full Semester

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. Preparation for Communication Studies 101 or 101H. Designed for non-native speakers.
44461 10:15a-11:40a M W Cummings R SAC I-108 Full Semester

COMMUNICATION STUDIES 100, PUBLIC SPEAKING 3.0 UNITS
Teaches critical thinking skills in relation to public speaking. Emphasis on the process, principles, and major facets of critical thinking with practice through oral presentations. Communication Studies 097 recommended for non-native speakers.
44492 11:50a-1:15p Tu Th Cummings R SAC I-103 Full Semester
Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.
44591 11:50a-1:15p Tu Th Pierce C SAC C-207 Full Semester
45495 1:25p-4:10p M W Staff SAC C-207 Full Semester
44460 1:25p-4:10p Tu Th Staff SAC C-207 Full Semester
44501 3:00p-6:20p M Fendren S SAC I-103 Full Semester
44546 3:00p-6:20p Tu Holder V SAC C-207 Full Semester
44550 3:00p-6:20p M Fendren S SAC I-103 Full Semester
44555 6:30p-9:40p Tu Bruns K SAC C-202 Full Semester

COMMUNICATION STUDIES N09, INTRODUCTION TO ACADEMIC SPEAKING 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.
44508 8:40a-10:05a M W Winkle K SAC I-103 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.
44609 10:15a-11:40a M W Winkle K SAC I-103 Full Semester

COMMUNICATION STUDIES N52B, INTERMEDIATE AMERICAN ENGLISH PRONUNCIATION SKILLS 3.0 UNITS
More extensive instruction in American English sounds. Emphasis on more difficult sounds, sound blends, word endings, syllable and word stress. Not applicable to associate degree.
44610 6:30p-9:40p Th Winkle K SAC C-207 Full Semester

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. Preparation for Communication Studies 101 or 101H. Designed for non-native speakers.
44461 10:15a-11:40a M W Cummings R SAC I-108 Full Semester

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 Preparation: Recommended completion of or concurrent enrollment in English 101 or English 101H with a minimum grade of C.
44462 6:00p-8:00p F Cummings R SAC C-202 Full Semester
Section 44462 Online instruction plus one mandatory on campus meeting Friday, 2/9/2018, 6:00p-8:00p, SAC C-202. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com.

44464 6:00p-8:00p F Cummings R SAC C-202 04/09-06/03
Section 44464 Online instruction plus one mandatory on campus meeting Friday, 4/13/18, 6:00p-8:00p, SAC C-202. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com.

Need help with a writing assignment for any class? Would tutoring help you get the grade you want?
Visit the SAC LEARNING CENTER!
Located in D-307 – 714-564-6569
Staffed by faculty and trained Learning Facilitators
Directed Learning Activities (DLA) Tutoring - Workshops
Computer-assisted instruction
Language acquisition practice
Monday–Thursday: 9:00 a.m.–7:00 p.m.
Friday: 10:00 a.m.–2:00 p.m.
Saturday: 12:00 p.m.–3:00 p.m.

All services are free for SAC and CEC students.
learningcenter@sac.edu & like us on Facebook
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<td>M W</td>
<td>Fendren S</td>
<td>SAC C-214</td>
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**COMMUNICATION STUDIES 103, INTRODUCTION TO INTERCULTURAL COMMUNICATION**

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. Stress the development of analytical thinking, speaking, and writing skills.

Recommended Preparation: Recommended Communication Studies 097 for non-native speakers.

| 49551   | 9:45a-11:10a | Tu Th | Saterfield K | SAC C-202 | Full Semester |
| 44606   | 3:00p-6:20p | M | Saterfield K | SAC A-209 | Full Semester |
| 44547   | 6:30p-9:40p | W | Holder V | SAC C-207 | Full Semester |

**COMMUNICATION STUDIES 140, ARGUMENTATION AND DEBATE**

3.0 UNITS

Principles of debate techniques with emphasis on methods of logical analysis and reflective thinking. Practical application through adaptation of material to forms of debate on current issues.

Recommended Preparation: Completion of or concurrent enrollment in English 101 recommended. Communication Studies 097 recommended for non-native speakers.

| 44560   | 8:40a-10:05a | M W | Lockwood L | SAC C-207 | Full Semester |
| 44561   | 10:15a-11:40a | M W | Lockwood L | SAC C-207 | Full Semester |
| 44592   | 1:25p-2:50p | Tu Th | Pierce C | SAC C-213 | Full Semester |
| 44563   | 1:25p-3:20p | Tu Th | Lockwood L | SAC C-202 | 02/06-03/29 |
| 44562   | 3:00p-6:20p | M W | Lockwood L | SAC C-214 | 02/05-03/28 |

**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.

Recommended Preparation: Recommended Communication Studies 097 for non-native speakers.

| 44493   | 1:25p-4:35p | Tu Th | Cummings R | SAC C-214 | 02/06-03/29 |
| 44500   | 6:35p-9:55p | M W | Fendren S | SAC C-214 | 04/09-05/30 |

**COMMUNICATION STUDIES 151, VOICE AND DICTION FOR EFFECTIVE COMMUNICATION**

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.

Recommended Preparation: Communication Studies 097 recommended for non-native speakers.

| 44458   | 6:30p-9:40p | Tu | Holder V | SAC C-207 | Full Semester |

**COMMUNICATION STUDIES 170, INTRODUCTION TO PHONETICS**

3.0 UNITS

Study of the articulatory foundations of the description and classification of speech sounds. Introduces the International Phonetic Alphabet (IPA), physiological properties of the speech-producing mechanism, and methods of transcription. Emphasis will be on American English along with comparison to the sound systems of other languages. Communication Studies NS5 recommended for non-native speakers.

| 44567   | 5:00p-8:10p | M | Winkle K | SAC C-207 | Full Semester |

**COMMUNICATION STUDIES 206, GENDER COMMUNICATION**

3.0 UNITS

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.

Pre-requisite: Communication Studies 101 or 101H or 102 or 103 or 103H or 104 or 145 or 151 with a minimum grade of C.

| 44564   | 11:50a-1:15p | M W | Lockwood L | SAC C-207 | Full Semester |

**COMMUNICATION STUDIES 206H, HONORS GENDER COMMUNICATION**

3.0 UNITS

An enriched approach in practical application, techniques, and in-depth analysis of male and female communication regarding language usage, biological and social influences, mass media, marriage, organizations, same sex/cross sex friendships, and education. Students will be required to do individual/group professor-guided research.

Pre-requisite: Communication Studies 101 or 101H or 102 or 103 or 103H or 104 or 145 or 151 with a minimum grade of C and High school or college GPA of 3.0 or above.

| 44565   | 11:50a-1:15p | M W | Lockwood L | SAC C-207 | Full Semester |

**COMMUNICATION STUDIES 207, HEALTH COMMUNICATION**

3.0 UNITS

Course is designed to advance knowledge of health communication theory, research and practice while providing solid foundation for understanding importance, value and impact of health communication upon patients, families, caregivers and healthcare team-members.

Prerequisite: Limitation on Enrollment: Student must be admitted to the Occupational Studies program. Communication Studies 101 or Communication Studies 101H or Communication Studies 102 or Communication Studies 103 or Communication Studies 103H or Communication Studies 145; with a minimum grade of C.

| 44549   | 6:00p-10:30a | F | Holder V | SAC C-207 | 02/23-03/30 |
| 9:00a-1:30p | Sa | Holder V | SAC C-207 | |

**COMMUNICATIONS & MEDIA STUDIES 103, INTRODUCTION TO VISUAL COMMUNICATIONS**

3.0 UNITS

This multimedia course explores the social, cultural and historical implications of visual communications from Gutenberg’s printing press to present day digital media. Using works of philosophical, historical and cultural importance students will analyze and debate the changes in the way visual communications affect society, and shape cultural values.

<table>
<thead>
<tr>
<th>45341</th>
<th>Bennett S</th>
<th>SAC WEB</th>
<th>Full Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>45342</td>
<td>Bennett S</td>
<td>SAC A-130</td>
<td>Full Semester</td>
</tr>
<tr>
<td>45343</td>
<td>Bennett S</td>
<td>SAC A-130</td>
<td>Full Semester</td>
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**COMMUNICATIONS & MEDIA STUDIES 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.

| 45373   | Little C | SAC A-210 | Full Semester |

**COMMUNICATIONS & MEDIA STUDIES 121, INTRODUCTION TO REPORTING AND NEWSWRITING**

3.0 UNITS

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

| 45375   | Little C | SAC A-219 | Full Semester |

**COMMUNICATIONS & MEDIA STUDIES 123A, NEWS MEDIA PRODUCTION**

4.0 UNITS

A production-based course designed around a functioning media organization, providing students practical training in print, digital and Web-based media through work as members of the campus news magazine el Don and its website eldonnews.org. Students utilize a digital laboratory to gain practical experience in a variety of disciplines, including writing, editing, design, photography, audio, visual, multimedia and emerging technologies. Arranged laboratory hours (TBA) 10 hours per week.

| 45346   | Little C | SAC C-207 | 10 hours arranged each week |

**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 Communications & Media Studies 123A is required. Arranged laboratory hours (TBA)10 hours per week.

<p>| 45365   | Little C | SAC C-207 | 10 hours arranged each week |</p>
<table>
<thead>
<tr>
<th>SECTION</th>
<th>TIME</th>
<th>DAYS</th>
<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
<th>DATES</th>
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</thead>
<tbody>
<tr>
<td>COMMUNICATIONS &amp; MEDIA STUDIES 123C, ADVANCED INTERMEDIATE NEWS MEDIA</td>
<td>4.0 UNITS</td>
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<tr>
<td>Production</td>
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<tr>
<td>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 Don and its website eldonews.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 Communications &amp; Media Studies 123B required. Arranged laboratory hours (TBA) 10 per week. prerequisite: Communications &amp; Media Studies 123B with a minimum grade of C or equivalent college media course.</td>
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<td>45367</td>
<td>1:25p-3:30p</td>
<td>M W</td>
<td>Little C</td>
<td>SAC C-207</td>
<td>Full Semester</td>
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<td>10 hours arranged each week</td>
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<td>COMMUNICATIONS &amp; MEDIA STUDIES 123D, ADVANCED NEWS MEDIA</td>
<td>4.0 UNITS</td>
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<tr>
<td>Production</td>
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<tr>
<td>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 Don and its website eldonews.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 Communications &amp; Media Studies 123C required. Arranged laboratory hour (TBA) 10 per week. prerequisite: Communications &amp; Media Studies 123C with a minimum grade of C.</td>
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<tr>
<td>45368</td>
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<td>M W</td>
<td>Little C</td>
<td>SAC C-207</td>
<td>Full Semester</td>
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<td>10 hours arranged each week</td>
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<tr>
<td>COMMUNICATIONS &amp; MEDIA STUDIES 201, VISUAL REPORTING</td>
<td>2.0 UNITS</td>
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<tr>
<td>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.</td>
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<td>45369</td>
<td>1:25p-2:15p</td>
<td>M W</td>
<td>Little C</td>
<td>SAC C-201</td>
<td>Full Semester</td>
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<tr>
<td>1 hour arranged each week</td>
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<tr>
<td>COMMUNICATIONS &amp; MEDIA STUDIES 210, INTERMEDIATE REPORTING AND NEWSWRITING</td>
<td>3.0 UNITS</td>
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<tr>
<td>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.</td>
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<td>45370</td>
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<td>Little C</td>
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<td>Full Semester</td>
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<tr>
<td>COMMUNICATIONS &amp; MEDIA STUDIES 222, WRITING ACROSS MEDIA</td>
<td>3.0 UNITS</td>
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<tr>
<td>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.</td>
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<tr>
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**COMPUTER SCIENCE**

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<thead>
<tr>
<th>SECTION</th>
<th>TIME</th>
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<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
<th>DATES</th>
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<tbody>
<tr>
<td>COMPUTER SCIENCE 101, VISUAL BASIC PROGRAMMING</td>
<td>3.0 UNITS</td>
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<tr>
<td>Introduction to programming and Visual BASIC. Emphasis on programming fundamentals and the creation of applications with Visual BASIC. No previous programming experience required.</td>
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<tr>
<td>Software Utilized: Microsoft Visual Basic.NET</td>
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<tr>
<td>47430</td>
<td>1:25p-2:50p</td>
<td>M W</td>
<td>Staff</td>
<td>SAC A-206</td>
<td>Full Semester</td>
</tr>
<tr>
<td>47432</td>
<td>6:00p-9:10p</td>
<td>Th</td>
<td>Hester B</td>
<td>SAC A-206</td>
<td>Full Semester</td>
</tr>
<tr>
<td>COMPUTER SCIENCE 112, JAVA PROGRAMMING</td>
<td>3.0 UNITS</td>
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<tr>
<td>Study of the Java language, its features and applications.</td>
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<tr>
<td>Software Utilized: Java 2 SDK V 1.4.2</td>
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<tr>
<td>47433</td>
<td>1:25p-2:50p</td>
<td>Tu Th</td>
<td>Davis K</td>
<td>SAC A-208</td>
<td>Full Semester</td>
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<tr>
<td>47434</td>
<td>6:00p-9:10p</td>
<td>Tu</td>
<td>Huyth D</td>
<td>SAC A-215</td>
<td>Full Semester</td>
</tr>
<tr>
<td>COMPUTER SCIENCE 120, INTRODUCTION TO PROGRAMMING</td>
<td>3.0 UNITS</td>
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<tr>
<td>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.</td>
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<td>Prerequisite: Mathematics 080 or 081 with a minimum grade of C.</td>
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<tr>
<td>47437</td>
<td>8:00a-9:35a</td>
<td>Tu Th</td>
<td>Hester J</td>
<td>SAC A-215</td>
<td>Full Semester</td>
</tr>
<tr>
<td>47438</td>
<td>9:35a-10:50a</td>
<td>Tu Th</td>
<td>Hester J</td>
<td>SAC A-215</td>
<td>Full Semester</td>
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<tr>
<td>47435</td>
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<td>M W</td>
<td>Hester J</td>
<td>SAC A-215</td>
<td>Full Semester</td>
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<tr>
<td>11:50a-12:20p</td>
<td>M W</td>
<td>Hester J</td>
<td>SAC A-215</td>
<td>Full Semester</td>
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<tr>
<td>49080</td>
<td>12:30p-2:05p</td>
<td>M</td>
<td>Kircher J</td>
<td>SAC A-208</td>
<td>Full Semester</td>
</tr>
<tr>
<td>2:05p-3:35p</td>
<td>M</td>
<td>Kircher J</td>
<td>SAC A-208</td>
<td>Full Semester</td>
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<tr>
<td>47436</td>
<td>6:00p-9:10p</td>
<td>M</td>
<td>Quach N</td>
<td>SAC A-213</td>
<td>Full Semester</td>
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<tr>
<td>9:20p-10:20p</td>
<td>M</td>
<td>Quach N</td>
<td>SAC A-213</td>
<td>Full Semester</td>
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<tr>
<td>47438</td>
<td>6:00p-9:10p</td>
<td>Tu</td>
<td>Aziz T</td>
<td>SAC A-208</td>
<td>Full Semester</td>
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<tr>
<td>9:20p-10:20p</td>
<td>Tu</td>
<td>Aziz T</td>
<td>SAC A-208</td>
<td>Full Semester</td>
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<tr>
<td>COMPUTER SCIENCE 121, PROGRAMMING CONCEPTS</td>
<td>3.0 UNITS</td>
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<tr>
<td>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. Documentative techniques.</td>
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<td>Prerequisite: Computer Science 120 with a minimum grade of C.</td>
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<td>Software Utilized: MS Visual C++ .NET</td>
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<td>47439</td>
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<td>Hester J</td>
<td>SAC A-215</td>
<td>Full Semester</td>
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<tr>
<td>11:50a-12:20p</td>
<td>Tu Th</td>
<td>Hester J</td>
<td>SAC A-215</td>
<td>Full Semester</td>
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<td>47440</td>
<td>6:00p-9:10p</td>
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<td>Quach N</td>
<td>SAC A-213</td>
<td>Full Semester</td>
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<tr>
<td>9:20p-10:20p</td>
<td>W</td>
<td>Quach N</td>
<td>SAC A-213</td>
<td>Full Semester</td>
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<tr>
<td>COMPUTER SCIENCE 125, HELP DESK SKILLS</td>
<td>1.5 UNITS</td>
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<tr>
<td>Introduction to Help Desk: &quot;soft skills,&quot; non-IT related business, such as effective communication, analytical thinking, diplomacy, problem solving, leadership, team building, and listening skills. In addition to learning necessary soft skills, students will be familiar with a help-desk environment, its function and organization.</td>
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<td>47450</td>
<td>8:40a-10:05a</td>
<td>Tu Th</td>
<td>Nguyen M</td>
<td>SAC A-206</td>
<td>02/06-03/29</td>
</tr>
<tr>
<td>COMPUTER SCIENCE 129, INTRODUCTION TO COMPUTER ORGANIZATION</td>
<td>4.0 UNITS</td>
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<tr>
<td>Presents the organization and structure of computers at hardware and software levels: analysis and synthesis of combinational and sequential logic, data representation and manipulation, language structures and translation, and process administration and management. Recommended preparation: Computer Science 121 or equivalent.</td>
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<tr>
<td>Prerequisite: Computer Science 120 with a minimum grade of C.</td>
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<td>Software Utilized: Pep8</td>
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<td>47441</td>
<td>6:00p-10:15p</td>
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<td>Hester J</td>
<td>SAC A-215</td>
<td>Full Semester</td>
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<tr>
<td>COMPUTER SCIENCE 1340, MICROSOFT WINDOWS 8 OPERATING SYSTEM</td>
<td>3.0 UNITS</td>
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<tr>
<td>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.</td>
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<td>47453</td>
<td>10:15a-11:40a</td>
<td>Tu Th</td>
<td>Nguyen M</td>
<td>SAC A-206</td>
<td>Full Semester</td>
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<tr>
<td>COMPUTER SCIENCE 135, PERSONAL COMPUTER TROUBLESHOOTING</td>
<td>3.0 UNITS</td>
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<td>Study of techniques and methods of PC maintenance. Students will be able to choose the networking solution that is best suited to their needs.</td>
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<tr>
<td>47451</td>
<td>8:40a-10:05a</td>
<td>Tu Th</td>
<td>Nguyen M</td>
<td>SAC A-206</td>
<td>04/09-06/03</td>
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<tr>
<td>COMPUTER SCIENCE 136, BUILDING A SMALL OFFICE/HOME OFFICE NETWORK</td>
<td>1.5 UNITS</td>
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<tr>
<td>Plans and builds a simple file sharing network, wireless networks, and more advanced networking technologies that connect multiple machines and devices. Students will be able to choose the networking solution that is best suited to their needs.</td>
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<td>47454</td>
<td>11:50a-3:00p</td>
<td>Tu Th</td>
<td>Quach N</td>
<td>SAC A-213</td>
<td>05/04-05/14</td>
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<tr>
<td>COMPUTER SCIENCE 140, DISCRETE STRUCTURES FOR COMPUTER SCIENCE</td>
<td>3.0 UNITS</td>
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<tr>
<td>Course presents the fundamentals of discrete mathematics as applied to the computer sciences. Topics include sets, relations, functions, basic logic, proof techniques, counting, graphs, trees and probability. Recommended preparation: College Algebra.</td>
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<td>47442</td>
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<td>M</td>
<td>Staff</td>
<td>SAC A-208</td>
<td>Full Semester</td>
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**HONORS COURSES**

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COMPUTER SCIENCE 152, HTML 3.0 UNITS
Introduction to HTML (hyper-text markup language) scripting and the creation of hypertext documents. Topics will include the specification of the form and function of documents, inclusion of hyperlinks, images, frames, tables, forms, JavaScript, XML, and new features of HTML.

Software Utilized: MS Windows

47443 6:00p-9:05p Th Staff 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, querying and importing and exporting data, macros and modules using Access Basic.

Software Utilized: MS Access 2016

47444 6:00p-9:20p M W Habicht G SAC A-215 02/05-03/28

COMPUTER SCIENCE 168, ADVANCED MICROSOFT ACCESS 3.0 UNITS
Advanced Relational Database Management using development using VBA, implementation in a multiuser environment and working with Access on the Internet. Computer Science 167 or equivalent experience is recommended.

Software Utilized: MS Access 2016

47445 9:00p-9:20p M W Habicht G SAC A-215 04/09-05/30

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.

47446 6:00p-9:05p Th Yaquih M SAC A-213 Full Semester

COMPUTER SCIENCE 180, COMPTIA NETWORK+ GUIDE TO NETWORKS 3.0 UNITS
This course prepares students how to install, configure, and troubleshoot a computer network is a highly marketable and exciting skill. This course first introduces the fundamental building blocks that form a modern network, such as protocols, media, topologies, and hardware. It then provides in depth coverage of the most important concepts in contemporary networking, such as TCP/IP, Ethernet, wireless transmission, virtual networks, security, and troubleshooting. Student will be prepared to pass CompTIA's Network+ N10-006 certification exam.

49805 11:50a-3:00p Tu Th Quach N SAC A-213 04/10-05/31

COMPUTER SCIENCE 205, ADVANCED VISUAL BASIC 3.0 UNITS
Advanced programming for those seeking to further develop their skills using Visual Basic programming language. Course will cover the advanced features of the Visual Basic programming language, data structures, and advanced programming techniques available with Visual Basic.

Prerequisite: Computer Science 105 with a minimum grade of C.

Software Utilized: MS Visual Basic.NET

47447 6:00p-9:05p W Hester B SAC A-208 Full Semester

COMPUTER SCIENCE 248, MICROSOFT SQL SERVER 3.0 UNITS
Microsoft SQL Server, relational database concepts, programming with SQL and Transact-SQL, stored procedures, triggers, and use of client tools. Course is designed for developers and database administrators. Basic knowledge of SQL, programming and/or database concepts is helpful.

47448 6:00p-9:10p Tu Quach N SAC A-213 Full Semester
### Honors Courses

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<thead>
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<th>LOCATION / ROOM</th>
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<tr>
<td>47208</td>
<td>09/05-04/01</td>
<td>Maciychyn M</td>
<td>SAC WEB</td>
<td>8:40a-10:05a Tu Th</td>
<td>Tu Th, Kelley M, SAC I-101, Full Semester</td>
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<tr>
<td>47116</td>
<td>04/09-06/03</td>
<td>Nguyen V</td>
<td>SAC WEB</td>
<td>8:40a-10:05a Tu Th</td>
<td>Tu Th, Kelley M, SAC I-101, Full Semester</td>
</tr>
<tr>
<td>47167</td>
<td>02/05-04/01</td>
<td>Nguyen V</td>
<td>SAC WEB</td>
<td>8:40a-10:05a Tu Th</td>
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**Open Educational Resources**

[http://rsccd.instructure.com](http://rsccd.instructure.com)

- Section 47208 Students are required to log on to Canvas, [http://rsccd.instructure.com](http://rsccd.instructure.com), on the first day of the semester Monday, February 5. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.
- Section 47116 Students must attend one of the following class orientations: Monday 04/09: 12:00p-1:00p or 6:00p-7:00p, SAC L-222. Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). For additional information, or if you wish to add the course after 04/09, email instructor nguyen_v@Sac.edu. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.
- Section 47167 Section 47166 Available for Online Degree Pathway students. Students must attend ONE of the following class orientations in SAC L-222: Monday 02/05/18 6:00p-7:00p or Tuesday, 02/06/18 6:00p-7:00p. Students are required to log on to Canvas on the first day of class, Monday 02/05/18 [http://rsccd.instructure.com](http://rsccd.instructure.com). For additional information, or if you wish to add the course after 02/05/18, email instructor nguyen_v@Sac.edu. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.
- Section 47165 Students are required to log on to Canvas on the first day of class: [http://rsccd.instructure.com](http://rsccd.instructure.com), For additional information, or if you wish to add the course after 02/05/18, email instructor nguyen_v@Sac.edu. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

**Canvas**

- Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). For additional information, or if you wish to add the course after 02/05/18, email instructor nguyen_v@Sac.edu. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

**Additional Information**

For additional information, [http://rsccd.instructure.com](http://rsccd.instructure.com) 12:00p-3:10p SAC I-209. Students are required to log on to Canvas on the first day of classes: [http://rsccd.instructure.com](http://rsccd.instructure.com). For additional information, or if you wish to add the course after 02/05/18, email instructor nguyen_v@Sac.edu. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

**Freshman Composition**

- Section 47199 is linked to Math 219, Statistics and Probability, section 48103. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

**Freshman Experience Program**

- Section 47209 is linked with English 103, Critical Thinking and Writing, section 48239. Enrollment in both sections is mandatory. See Freshman Experience Program page in the class schedule for more information. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.
**COUNSELING COURSES**

Counseling 100: Lifelong Understanding and Self-Development

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.

**FULL SEMESTER**

- **Section 47155:** Students are required to log on to Canvas on the first day of class, http://rsccd.instructure.com Students will use Open Educational Resources for this class. There is a $5 material fee with no additional textbook cost.

Counseling 114: Careers in Teaching

This course provides an introduction to the teaching profession, culturally diverse student populations, career ladders, and academic preparation required for the teaching profession. Students will formulate a career objective and develop an education plan.

**2ND GR8 WEEKS**

- **Section 47164:** Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

Counseling 116: Career/Life Planning and Personal Exploration

This course 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.

**1ST GR8 WEEKS**

- **Section 47167:** Available for Online Degree Pathway Students. Students must attend ONE of the following class orientations in SAC L-222: Monday, 02/05/18 8:15p-9:40p or Tuesday, 02/06/18 6:00p-7:00p. Students are required to log on to Canvas on the first day of class, Monday, 02/05/18 http://rsccd.instructure.com

- **Section 47185:** Students must attend ONE of the following class orientations:
  - Monday, 02/05/18 12:00p-1:00p or 6:00p-7:00p SAC-L-222. Students are required to log on to Canvas on the first day of class, Monday, 02/05/18 http://rsccd.instructure.com

- **Section 47208:** Students are required to log on to Canvas on the first day of the semester http://rsccd.instructure.com This class uses Open Education Resources. There is a $5 material fee with no additional textbook cost. There is also a $16 material fee

- **Section 47189:** Students must attend ONE of the following class orientations:
  - Monday, 02/05/18 12:00p-1:00p or 6:00p-7:00p SAC-L-222. Students are required to log on to Canvas on the first day of class, Monday, 02/05/18, http://rsccd.instructure.com

- **Section 50234:** Students are required to log on to Canvas on the first day of the semester:
  - http://rsccd.instructure.com This class uses Open Education Resources. There is a $5 material fee with no additional textbook cost. There is also a $16 material fee

**FULL SEMESTER**

- **Section 47188:** Students are required to log on to Canvas on the first day of class, Monday, 02/05/18 http://rsccd.instructure.com

**2ND GR8 WEEKS**

- **Section 47166:** Students must attend ONE of the following class orientations: Monday, 04/09/18 12:00p-1:00p or 6:00p-7:00p, SAC-L-222. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

- **Section 47186:** Students must attend ONE of the following class orientations: Monday, 04/09/18 12:00p-1:00p or 6:00p-7:00p, SAC-L-222. Students are required to log on to Canvas on the first day of class:
  - http://rsccd.instructure.com

- **Section 47187:** Students are required to log on to Canvas on the first day of classes:
  - http://rsccd.instructure.com

- **Section 50233:** Students are required to log on to Canvas on the first day of classes:
  - http://rsccd.instructure.com

**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.

**FULL SEMESTER**

- **Section 47231:** Students are required to log on to Canvas on the first day of class, http://rsccd.instructure.com Students will use Open Educational Resources for this class. There is a $5 material fee with no additional textbook cost.

**2ND GR8 WEEKS**

- **Section 47230:** Students are required to log on to Canvas on the first day of class, http://rsccd.instructure.com

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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, scholarships, internships, and connection to professionals.

**PUENTE**

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

**SAC ADELANTE!**

This program offers a specialized orientation, transfer resources and services to recent SAUSD graduates, (2011 to date) and provides transfer guarantee admission to UCI with a 2.80 G.P.A. or CSUF with a 3.0 G.P.A.

**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 and select “University Transfer” or call 714-564-6165.
COUNSELING 122, STEM STUDY STRATEGIES  1.0 UNIT
This course examines and employs advanced study techniques for students in science, technology, engineering, and math courses. Effective learning processes will be strengthened through applying emotional intelligence concepts to group and classroom study, creating an exam preparation plan and communicating long and short term goals.
47221  1:45p-3:50p Tu Staff SAC L-202  02/06-03/27

COUNSELING 128, INTRODUCTION TO COMMUNITY ACTIVISM  3.0 UNITS
The study of issues facing communities and ways individuals can become involved in solving community problems. Introduces the study of communities in theory and practice: forces shaping past and present communities and issues defining contemporary communities. This course will facilitate the understanding of human beings as integrated physiological, psychological, and social entities within the context of communities and the processes of change.
47222  12:55p-4:05p W Pastrana L SAC G-107 Full Semester
Ulink Program: Section 47222 is linked with English 102, Literature and Composition, section 48905. Enrollment in both sections is mandatory. Please refer to the Freshman Experience Program page in the class schedule for more information.
47223  12:55p-4:05p W Zook R SAC I-202 Full Semester
Ulink Program: Section 47223 is linked with English 102H, Honors Literature and Composition, section 48135, and Sociology 140H, Honors Analysis of Social Trends and Problems, section 46740. Enrollment in all sections is mandatory. Please see the Freshman Experience Program page in the class schedule for more information.
47224  12:55p-4:05p W Hurtado J SAC R-128 Full Semester
Ulink Program: Section 47224 is linked with Communication Studies 102, Public Speaking, section 44497. Enrollment in both sections is mandatory. Please refer to the Freshman Experience Program page in the class schedule for more information.

COUNSELING 144, REASONING AND PROBLEM SOLVING  3.0 UNITS
The nature of critical thinking, models and methods: common fallacies of reasoning, self-regulation in the thinking process; application of critical thinking to complex issues of life. Not open to students who are enrolled or have credit in Philosophy 144.
47225  1:00p-4:10p M Gilmour D SAC I-202 Full Semester

COUNSELING 150, INTRODUCTION TO HUMAN SERVICES  3.0 UNITS
The history and philosophy of human services including theoretical frameworks, the function and orientation of human service organizations and the roles and qualifications of human service workers. A study of the target populations served by the human services and the professional, ethical, and cultural issues facing the human service field.
47226  1:25p-4:35p W Gilmour D SAC I-109 Full Semester
47227  6:00p-9:10p Tu Gilmour D SAC I-209 Full Semester

COUNSELING 155, SKILLS FOR THE HELPING PROFESSIONS  3.0 UNITS
An exploration of processes for increasing mental flexibility and assisting people in getting resolution on life issues. Focus is on the theory and practice of methods which are based in inquiry, distinction, resolution, and integration. The role of self-responsibility and self-awareness will be emphasized.
47228  6:00p-9:10p M Gilmour D SAC I-108 Full Semester

CRIMINAL JUSTICE

CRIMINAL JUSTICE 101, INTRODUCTION TO CRIMINAL JUSTICE  3.0 UNITS
A survey of the philosophy and history of criminal justice system (law enforcement, courts, corrections); processes of justice from detection of crime to parole; evaluation of modern criminal justice delivery systems.
48211  8:00a-9:25a M W Coultre E SAC F-102 Full Semester
48208  9:30a-10:55a Tu Th Wright G SAC R-128 Full Semester
48212  9:45a-11:10a M W Coultre E SAC T-212 Full Semester
48213  11:00a-12:25p M W Gonis Jr A SAC H-207 Full Semester
48210  11:00a-12:25p Tu Th Gonis Jr A SAC H-207 Full Semester
48209  6:00p-9:10p W Wright G SAC W-101 Full Semester

CRIMINAL JUSTICE 102, INTRODUCTION TO CORRECTIONS  3.0 UNITS
An introductory course in adult corrections. Emphasis on laws, legal liabilities, and different philosophies used in dealing with the adult offender inside an institution.
48216  11:00a-2:10p M Jenkins M SAC V-150 Full Semester
48214  6:00p-9:10p Th Glenane R SAC F-102 Full Semester

CRIMINAL JUSTICE 103, CONCEPTS OF CRIMINAL LAW  3.0 UNITS
Criminal law definitions, classifications, basic concepts, and their application to the system of justice administration.
48217  8:00a-9:25a Tu Th Gonis Jr A SAC H-207 Full Semester
48215  9:30a-10:55a M W Gonis Jr A SAC H-207 Full Semester
48218  6:00p-9:10p M Ibarra R SAC F-102 Full Semester

CRIMINAL JUSTICE 104, PRISON EXPERIENCE  3.0 UNITS
A practical and in-depth study of adult corrections in the United States. This class includes field trips to various jails and prisons in the surrounding area with follow-up analysis, discussion, and written assignments.
48219  7:00p-10:10p Th Kraus E SAC I-102 Full Semester

CRIMINAL JUSTICE 105, LEGAL ASPECTS OF EVIDENCE  3.0 UNITS
Origin, development, and philosophy of rules of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights.
48220  8:00a-9:25a M W Gonis Jr A SAC H-207 Full Semester

CRIMINAL JUSTICE 106, CORONER DEATH INVESTIGATIONS  3.0 UNITS
The investigation of homicides, suicides, accidents, and natural deaths will be covered with special emphasis on evidence collection and identification. Special topics to be covered include sexual assault, arson fires, autopsy procedures, disaster response, gunshot wounds, stabbings, traffic collisions, buried bodies, and skeletal remains.
48221  9:30a-12:40p F Maicozzo M SAC R-114 Full Semester

CRIMINAL JUSTICE 107, PRINCIPLES AND PROCEDURES IN THE CRIMINAL JUSTICE SYSTEM  3.0 UNITS
Role, responsibilities, interrelationships of segments in justice system; law enforcement, courts, corrections, exposure to procedures from initial entry to probation and/or parole.
48224  11:50a-1:15p Tu Th Robinson K SAC A-226 Full Semester
48222  7:00p-10:10p Tu Davis R SAC F-102 Full Semester

CRIMINAL JUSTICE 108, CRIME SCENE INVESTIGATION  3.0 UNITS
An in-depth course on the collection and preservation of evidence. Special topics to be covered include fingerprinting, arson, tools marks, ballistics, D.N.A, toxiciology, photography, and sketching.
48223  1:00p-4:10p W Maicozzo M SAC H-207 Full Semester

CRIMINAL JUSTICE 109, COMMUNITY INTERACTION  3.0 UNITS
Explores roles of criminal justice practitioners and how they are perceived by the public with an emphasis on critical thinking and decision making.
48225  9:30a-10:55a Tu Th Gonis Jr A SAC H-207 Full Semester

CRIMINAL JUSTICE 110, STREET GANGS  3.0 UNITS
A course which focuses on street gangs in the U.S. with emphasis on California and the local area. Topics include but are not limited to Hispanic, Asian, African American, taggers, hate groups, and prison gangs.
48229  8:00p-9:10p W Cota R SAC I-208 Full Semester

CRIMINAL JUSTICE 148, REPORT WRITING FOR CRIMINAL JUSTICE PERSONNEL  3.0 UNITS
To develop practical, precise report writing techniques as well as general writing skills applicable to law enforcement and corrections.
48226  6:00p-9:10p W Frazier B SAC D-102 Full Semester
50046  9:00a-12:10p F Frazier B SAC H-109 Full Semester

CRIMINAL JUSTICE 205, CRIMINAL INVESTIGATION PRINCIPLES  3.0 UNITS
Basic principles of criminal investigations. Includes aspects of working with the public, specific knowledge necessary for handling crime scenes, interviews, evidence, and surveillance. Heavy emphasis on report writing.
48227  7:00p-10:10p Tu Gomez E SAC F-103 Full Semester

CRIMINAL JUSTICE 209, ORGANIZED CRIME  3.0 UNITS
An in-depth study of international organized crime and its social, cultural, and economic impact on white collar crime, and political corruption in the host country and the United States. Countries dealt with include, but are not limited to Italy, Sicly, Japan, China, Colombia, Mexico, former Soviet Union, Haiti, Cayman Islands, and Carribbean.
48228  11:30a-12:55p Tu Th Wright G SAC R-128 Full Semester

CRIMINAL JUSTICE ACADEMIES

CRIMINAL JUSTICE ACADEMIES 009B, FITNESS FOR LAW ENFORCEMENT  0.1 - 0.3 UNITS
Training designed specifically for law enforcement and those with an interest in entering a law enforcement basic police academy program.
45383  6:00p-8:00p Tu Th Sneddon M CJTC-SD 03/06-03/29

CRIMINAL JUSTICE ACADEMIES 010, PRE-EMPLOYMENT PREPARATION FOR LAW ENFORCEMENT  1.5 UNITS
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.
45382  TBA Staff SAC 04/10-05/05
Class is held at the Orange County Sheriff’s Academy, 15991 Armstrong Ave, Tustin, CA 92782
CRIMINAL JUSTICE ACADEMIES PROGRAMS

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

Basic Police Academy
CJA: 100A 984 hrs–20.5 Units
Prerequisite: Criminal Justice 010 and Admission to the course through Criminal Justice Academies office
Call CJA – 714-566-9200
• Student will receive instruction in all areas of Criminal Justice as Required by P.O.S.T.
• For entry-level law enforcement officers.
• This course is offered in cooperation with the Orange County Sheriff’s Department.

Range Training
Prerequisite: CJA 099A or its equivalent
Prerequisite: California POST Certified Peace officer
Call CJA – 714-566-9200
• Tactical/Weapons Training 8 hours
• Tactical/Weapons Training 4 hours
• Basic SWAT Course 80 hours
• Basic SWAT Update Training 10 hours

Modular Academy
Prerequisite: Admission to the course through the Criminal Justice Academies office.
Call CJA – 714-566-9200
• Module III – 178 hours
• Module II – 220 hours (Prerequisite: Module III)
• Module I – 440 Hours (Prerequisite: Module II)

Leadership Training
Prerequisite: California POST Certified Peace officer
Call CJA – 714-566-9200
• Supervision and Leadership 8 hours
• Supervision 80 hours

Arrest and Control Training
Prerequisite: California POST Certified Peace officer
• Arrest and Control training 8 hours
• Arrest and Control training 4 hours

Investigations
Prerequisite: CJA 099A or its equivalent
Prerequisite: California POST Certified Peace officer
Call CJA – 714-566-9200
• Investigation and Report Writing 4 hours
• Narcotics Related Training 8 hours
• Narcotics Related Training 24 hours
• Gangs, Cults and Hate Crimes 8 hours
• Explosive Devices Training 8 hours
• Investigation and Report Writing 40 hours

Police K-9 Training
Prerequisite: CJA 099A or its equivalent
Prerequisite: California POST Certified Peace officer
Call CJA – 714-566-9200
• Police K-9 Agitator - 20 hours
• Police K-9 Agitator 24 hours.
• Police K-9 training 240 hours
• Police K-9 training 200 hours
• Police K-9 training 40 hours

Training for Custody Officers
Prerequisite: Contact CJA Office for prerequisites
Call CJA – 714-566-9200
• Corrections Training 56 hours
• Corrections Officer CORE Course Enforcement 200 hours
• Corrections Supplemental Core Course 96 hours
• Correctional Services Assistant Academy 400

Driving Simulator
Prerequisite: CJA 099A or its equivalent
Call CJA – 714-566-9200
• Driver Training/Force Option II 4 hours
• Driver Training/Force Option II 8 hours

Advanced Officer Training
Prerequisite: CJA 099A or its equivalent
Call CJA – 714-566-9200
• Advanced Officer Training AOT 4 hours
• Advanced Officer Training AOT 8 hours
• Advanced Officer Training AOT 24 hours
• Advanced Officer Training AOT 40 hours

Miscellaneous Training
Prerequisite: Contact CJA office for prerequisite
Call CJA – 714-566-9200
• First Aid/CPR Refresher 8 hours
• Basic Course Requalification 136 hours
DANCE 009A, DANCE LABORATORY I
0.5 UNIT
Studio rehearsal time, emphasizing progressive development in the creation of concert performances and/or choreographic projects. Beginning level assignments are geared toward attainment of skills relating to concert performance and/or choreographic material. Material changes every semester. 24 hour earns 0.5 unit. Requires audition or instructor approval prior to enrollment.

Open Entry / Open Exit
49963 TBA Gillette H SAC-G-108 Full Semester
1.5 arranged hours per week.

DANCE 009B, DANCE LABORATORY II
0.5 UNIT
Studio rehearsal time, emphasizing progressive development in the creation of concert performances and/or choreographic projects. Intermediate level assignments are geared toward attainment of skills relating to concert performance and/or choreographic material. Material changes every semester. 24 hour earns 0.5 unit. Requires audition.
Prerequisite: Dance 009A with a minimum grade of C.

Open Entry / Open Exit
49965 TBA Gillette H SAC-G-108 Full Semester
1.5 arranged hours per week.

DANCE 009C, DANCE LABORATORY III
0.5 UNIT
Studio rehearsal time, emphasizing progressive development in the creation of concert performances and/or choreographic projects. Intermediate -advanced level assignments are geared toward attainment of skills relating to concert performance and/or choreographic material. Material changes every semester. 24 hour earns 0.5 unit.
Prerequisite: Dance 009B with a minimum grade of C.

Open Entry / Open Exit
49966 TBA Gillette H SAC-G-108 Full Semester
1.5 arranged hours per week.

DANCE 009D, DANCE LABORATORY IV
0.5 UNIT
Studio rehearsal time, emphasizing progressive development in the creation of concert performances and/or choreographic projects. Advanced level assignments are geared toward attainment of skills relating to concert performance and/or choreographic material. Material changes every semester. 24 hour earns 0.5 unit.
Prerequisite: Dance 009C with a minimum grade of C.

Open Entry / Open Exit
49968 TBA Gillette H SAC-G-108 Full Semester
1.5 arranged hours per week.

DANCE 100, DANCE HISTORY AND APPRECIATION
3.0 UNITS

The development of dance in Western Europe and the U.S. from ancient times to the present. Explores dance as an emerging art form from the Renaissance to the 21st Century. Emphasizes the contemporary dance heritage of the United States.

49994 Westergard-Dobson C SAC WEB Full Semester
Section 49994 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

47923 10:15a-11:40a M W Alduenda L SAC-G-108 Full Semester

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.

50001 Suarez C SAC WEB Full Semester
Section 50001 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

47924 10:15a-11:40a M W Garcia R SAC-I-204 Full Semester

DANCE 107, DANCE CONCERT PERFORMANCE
1.0 UNIT

Formal Dance Concert performance experience for dance students. Includes both rehearsal process and a minimum of three on-stage performances. 48 hours earns one unit. Repertoire and casting vary each semester.

50021 10:00a-12:40p F Alduenda L SAC-G-108 Full Semester
12:40p-1:05p F Alduenda L SAC-G-108 Full Semester

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.

50251 9:00a-10:05a Tu Staff SAC-G-108 Full Semester
9:00a-10:05a Th Staff SAC-G-108 Full Semester

DANCE 109B, PILATES MAT II
1.0 UNIT

Continued refinement of skills learned in Pilates Mat I with an emphasis on building strength, stability, coordination, and control in the core muscles of the body. Applicable to dance and general body conditioning.

50252 9:00a-10:05a Tu Staff SAC-G-108 Full Semester
9:00a-10:05a Th Staff SAC-G-108 Full Semester

DANCE AUDITIONS

DANCE 109C, PILATES MAT III
1.0 UNIT

Intermediate level course in 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.

50253 9:00a-10:05a Tu Staff SAC-G-108 Full Semester
9:00a-10:05a Th Staff SAC-G-108 Full Semester

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

An introduction to Caribbean and Latin social dance styles, including musicality, partnering, and patterns. Emphasis is on movement technique, vocabulary and creative expression. Historical and contemporary forms such as Salsa, Merengue, Rhumba, Cumbia and Tango are studied.

49981 6:00p-7:30p F Staff SAC-G-108 Full Semester
7:30p-8:00p F Staff SAC-G-108 Full Semester

DANCE 122, COMMERCIAL CONTEMPORARY DANCE
1.0 UNIT

Instruction for the advanced dance student in commercial contemporary dance including the technical steps, styles, audition techniques, and performance skills necessary to be a successful dancer in commercial settings such as industrials, cruise ships, music videos, etc.

50022 6:40p-8:10p W Staff SAC-G-108 Full Semester
8:10p-8:40p W Staff SAC-G-108 Full Semester

DANCE 123, INTRODUCTION TO SALSA DANCE
1.0 UNIT

An Introduction to Salsa dance, including musicality, partnering, and patterns. Emphasis is on movement technique, dance vocabulary, and creative expression. Historical and contemporary forms are studied.

49822 6:00p-7:30p F Staff SAC-G-108 Full Semester
7:30p-8:00p F Staff SAC-G-108 Full Semester

DANCE 124, INTERMEDIATE SALSA DANCE
1.0 UNIT

Continued study in Salsa dance, including musicality, partnering, and patterns. Emphasis is on movement technique, vocabulary, and expression. Includes more complicated movements, complex patterns, and advanced dance combinations. Introduction to Salsa recommended.

49824 6:00p-7:30p F Staff SAC-G-108 Full Semester
7:30p-8:00p F Staff SAC-G-108 Full Semester

DANCE 201A, BALLET I
2.0 UNITS

Introduction to ballet technique and terminology, including basic barre work, center work, and combinations en diagonal. Includes basic alignment, use of turnout, coordination, and ballet terminology. Dance 201A prepares the student for Dance 201B.

50024 12:40p-2:05p M W Garcia R SAC-G-108 Full Semester
2:05p-3:30p M W Garcia R SAC-G-108 Full Semester

DANCE 201B, BALLET II
2.0 UNITS

Continuation of beginning ballet technique and terminology, including barre work, center work, and combinations en diagonal. Includes basic alignment, use of turnout, coordination, and ballet terminology. Dance 201B prepares the student for Dance 213.

Recommended Preparation: Dance 201A with a minimum grade of C.

50025 12:40p-2:05p M W Garcia R SAC-G-108 Full Semester
2:05p-3:30p M W Garcia R SAC-G-108 Full Semester

50027 12:40p-2:05p Tu Th Iglesuen A SAC-G-108 Full Semester
2:05p-3:30p Tu Th Iglesuen A SAC-G-108 Full Semester

DANCE 204A, DANCE PRODUCTION
2.0 UNITS

Concert Dance production experience culminating in public performances in Phillips Hall Theater as part of the Spring Student/Faculty Dance Concert. Includes production basics, with an emphasis on working with faculty/student choreographers to create original dances. Focus on performance techniques.

50033 2:40p-4:05p M W Gillette H SAC-G-108 Full Semester
4:05p-4:35p M W Gillette H SAC-G-108 Full Semester
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<thead>
<tr>
<th>SECTION</th>
<th>TIME</th>
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<th>INSTRUCTOR</th>
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<td><strong>DANCE 204B, DANCE PRODUCTION</strong></td>
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<td><strong>2.0 UNITS</strong></td>
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<td>Concert Dance production experience for students creating and producing original choreography for and/or performing in the SAC dance concert. Includes production basics with an emphasis on creating, rehearsing, and performing dances. Focus on choreography.</td>
<td>2:05p-2:35p</td>
<td>M W</td>
<td>Gillette H</td>
<td>SAC G-108</td>
<td>Full Semester</td>
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<td><strong>DANCE 205, PERFORMANCE ENSEMBLE</strong></td>
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<td>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.</td>
<td>10:40a-12:05p</td>
<td>M W</td>
<td>Gillette H</td>
<td>SAC G-108</td>
<td>Full Semester</td>
</tr>
<tr>
<td><strong>DANCE 206A, MODERN DANCE I</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>2.0 UNITS</strong></td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td><strong>DANCE 206B, MODERN DANCE II</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>2.0 UNITS</strong></td>
</tr>
<tr>
<td>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. Videos, concerts, and master classes enrich the course. Dance 206B is a continuation and refinement of work begun during Dance 206A.</td>
<td></td>
<td></td>
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<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td><strong>DANCE 209, MODERN DANCE III</strong></td>
<td></td>
<td></td>
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<td></td>
<td><strong>2.0 UNITS</strong></td>
</tr>
<tr>
<td>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 206B recommended.</td>
<td></td>
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<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td><strong>DANCE 210, MODERN DANCE IV</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>2.0 UNITS</strong></td>
</tr>
<tr>
<td>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.</td>
<td></td>
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<td>Full Semester</td>
</tr>
<tr>
<td><strong>DANCE 211, BALLET III</strong></td>
<td></td>
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<td></td>
<td></td>
<td><strong>2.0 UNITS</strong></td>
</tr>
<tr>
<td>Study of ballet technique and terminology on the intermediate level-advanced. Course includes center adagio, jumps with beats, pirouettes, and movement combinations. Intermediate-advanced variations are also learned and performed in class. Recommended Preparation: Dance 208 with a minimum grade of C.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td><strong>DANCE 214, BALLET IV</strong></td>
<td></td>
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<td></td>
<td><strong>2.0 UNITS</strong></td>
</tr>
<tr>
<td>Continuing study of technique and terminology at the intermediate-advanced level. Emphasizes longer, more intricate movement combinations and development of balletic style. Stresses expression and technique at intermediate-advanced level. Includes ballet history and comparisons of various ballet styles. Recommended Preparation: Dance 213 with a minimum grade of C.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td><strong>DANCE 219A, JAZZ DANCE I</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>2.0 UNITS</strong></td>
</tr>
<tr>
<td>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.</td>
<td>12:05p-12:35p</td>
<td>Tu Th</td>
<td>Isiguen A</td>
<td>SAC G-108</td>
<td>Full Semester</td>
</tr>
<tr>
<td><strong>DANCE 219B, JAZZ DANCE II</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>2.0 UNITS</strong></td>
</tr>
<tr>
<td>Continued study in beginning 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. Recommended Preparation: Dance 219A with a minimum grade of C.</td>
<td>4:40p-6:05p</td>
<td>Tu Th</td>
<td>Alduenda L</td>
<td>SAC G-108</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

**DIESEL 108, 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. | 8:00a-8:50a | M W | Gillette H | SAC G-108 | Full Semester |
| **DIESEL 109, TRUCK CHASSIS: BRAKE AND SUSPENSION SERVICE** | | | | | **4.0 UNITS** |
| This course covers the air and hydraulic brake systems used on modern medium and heavy duty trucks. Steering and suspension systems on these vehicles are also covered. Emphasis is placed upon utilizing the correct service and diagnostic procedures as required by the trucking industry. | 4:40p-6:05p | Tu Th | Isiguen A | SAC G-108 | Full Semester |

**DIESEL 121, MID-RANGE DIESEL ENGINE SERVICE** | | | | | **4.5 UNITS** |
| Troubleshooting, service, and repair techniques for medium-duty diesel engines and fuel systems. Hands-on procedures and safety emphasized. Student must furnish approved safety glasses. | 8:00a-12:15p | Tu Th | English N | SAC J-101 | Full Semester |

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**SPRING 2018 CLASSES**
DIESEL 126, HEAVY DUTY DIESEL ENGINE: BOTTOM END SERVICE 4.0 UNITS
This course covers the diagnosis and service of heavy duty diesel engine bottom end systems. Emphasis is placed on hands-on practice of measurement, specifications, and proper procedures as required by industry.
  49400  6:00p-10:20p  M W  English N  SAC J-109  Full Semester

EARTH SCIENCE

EARTH SCIENCE 110, INTRODUCTION TO EARTH SCIENCE 3.0 UNITS
A study of the processes that shape and form the Earth and define its place in the solar system. Introduction to the sciences of geology, oceanography, meteorology, and astronomy. Not open to students who are enrolled, or have credit in Geology 101 or Geography 101.
  48366  04/09-06/03
  48365  04/09-06/03
  48374  8:40a-10:05a  Tu Th  Coyne C  SAC R-124  Full Semester

EARTH SCIENCE 115, EARTH SCIENCE FOR EDUCATORS 4.0 UNITS
The study of the dynamic forces shaping the earth, including its oceans and atmosphere. This course is open to all majors but is oriented towards enhancing the earth science knowledge of future teachers. Also includes an introduction to the solar system. Not open to students who are enrolled or have credit in Earth Science 110, Geology 101, or Geography 101.
  48367  1:25p-4:35p  M  Pomeroy D  SAC R-111  Full Semester
  48389  9:00a-12:10p  Sa  Staff  SAC R-111  Full Semester

EARTH SCIENCE 150, INTRODUCTION TO OCEANOGRAPHY 3.0 UNITS
Introductory study of the ocean and its topography, sediments, circulation, shoreline processes, biological productivity, and mineral resources.
  48389  10:15a-11:40a  Tu Th  Hughes P  SAC R-111  Full Semester

ECONOMICS

ECONOMICS 120, PRINCIPLES/MACRO 3.0 UNITS
Introduction to macroeconomics, including basic economic concepts, analysis of markets, national income accounting, employment, short run business cycle fluctuations, long run growth trends, monetary and fiscal policies, and international economic issues. Intended for economics, business, and certain engineering/computer science majors.
Prerequisite: Mathematics 060 or Mathematics 083 or Mathematics 084 with a minimum grade of C.
  45523  8:40a-10:05a  Sa  Allen M  SAC HYBRID  Full Semester
  45526  02/05-04/01

ECONOMICS 121, PRINCIPLES/MICRO 3.0 UNITS
Introduction to microeconomics, including basic economic concepts, analysis of markets, efficiency, consumer and firm behavior, industry structures, market failure, and resource markets. For economics, business, and certain engineering and computer science majors.
Prerequisite: Mathematics 060 or Mathematics 083 or Mathematics 084 with a minimum grade of C.
  45532  04/09-06/03
  45534  04/09-06/03

EDUCATION

EDUCATION 100, INTRODUCTION TO EDUCATION 3.0 UNITS
Introduction to the field of education including historical and philosophical perspectives; school governance and funding; societal influences and student diversity; school curriculum standards; professional standards and teaching performance expectations. Students will independently complete a minimum of 45 hours of Service Learning (structured observation and internship/fieldwork) in local public elementary school classrooms during the semester.
  48201  1:00p-2:25p  M  Naman T  SAC V-151  Full Semester
  48202  02/05-04/01

EDUCATION 113, TUTORING READINESS 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. Twenty+ service learning hours required in addition to lecture hours. Student must provide proof of negative TB screening.
  50122  11:30a-1:35p  M  Staff  SAC T-212  02/05-03/26

EDUCATION 204, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR SECONDARY TEACHERS 3.0 UNITS
Students will develop personal proficiency in educational technologies to facilitate the teaching process in a secondary classroom setting. Students will also apply digital literacy skills through the use of presentation, spreadsheet, word processing and publication software, interactive online tools, internet search and retrieval, information literacy, electronic communication and collaboration, and awareness of legal and ethical issues in the digital world.
  48202  02/05-04/01

EDUCATION 205, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGY FOR ELEMENTARY TEACHERS 3.0 UNITS
Students will develop personal proficiency in educational technologies to facilitate the teaching process in an elementary classroom setting. Students will also apply digital literacy skills through the use of presentation, spreadsheet, word processing and publication software, interactive online tools, internet search and retrieval, information literacy, electronic communication and collaboration, and awareness of legal and ethical issues in the digital world.
  48203  02/05-04/01

EDUCATION 210, THE TEACHING EXPERIENCE: SECONDARY EDUCATION 3.0 UNITS
Introduction to the history, philosophy, and sociology of secondary education. This course will cover the California Teaching Performance Expectation and Assessment, needs of special populations, English learners, struggling readers, content standards, and major curriculum reform documents. Students participate in 45 hours of structured observation and internship in a local secondary classroom.
  48204  10:30a-11:50a  Tu Th  Funakoa M  SAC V-150  Full Semester
EMERGENCY MEDICAL TECHNICIAN

EMERGENCY MEDICAL TECHNICIAN 104, EMERGENCY MEDICAL TECHNICIAN 105

Basic course for the Emergency Medical Technician (EMT). Satisfies requirements for County/State Emergency Medical Services (EMS) Authority. Prepares students to take the Orange County Emergency Medical Services (OCEMS)/National Registry certifying exam for state certification. 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 EMT's. Corequisite: American Heart Association Basic Life Support (BLS) Healthcare Provider Card and concurrent enrollment in Emergency Medical Technician 105.

ENGINEERING 012, AEC PRINT READING

1.0 UNITS

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 104. Hours verified by instructor.

Corequisite: Concurrent enrollment in Emergency Medical Technician 104. In order to pass EMT 105, the student must pass EMT 104. A failing grade in EMT 104 will be given if EMT 105 is not passed.

ENGINEERING 051

1.0 UNIT

Principles of engineering drawing: projections, views, sections, dimensions, tolerancing, drafting standards, reading and interpreting blueprints for manufacturing technologies. Assignments develop sketching and 2-D and 3-D CAD skills. The use of CAD software is an integral part of the course. Suggested preparation: Engineering 183 (may be taken concurrently).

Prerequisite: Mathematics 160 with a minimum grade of C. May be satisfied by equivalent High School trigonometry class with minimum grade of C.

ENGINEERING 100A, INTRODUCTION TO ENGINEERING

2.0 UNITS

Introduction to major fields of engineering (including mechanical, electrical, industrial, biomedical, aerospace, and others), the functions of an engineer, and the industries in which engineers work. Explains the engineering education pathways and explores effective strategies for students to reach their full academic potential. Presents an introduction to the methods and tools of engineering problem solving and design including the interface of the engineer with society and engineering ethics. Develops communication skills pertinent to the engineering profession.

Software Utilized: CATIA V.5.R19

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

2.0 UNITS

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

Software Utilized: CATIA V.5.R19

ENGINEERING 103, SOLIDWORKS BASIC SOLID MODELING

3.0 UNITS

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

ENGINEERING 104, SOLIDWORKS INTERMEDIATE SOLID MODELING

3.0 UNITS

Intermediate course for solid modeling, includes a review of the introductory class and changes to the Solidworks interface. Instruction in the use of intermediate Solidworks part modeling skills such as assembly modeling and sub-assemblies is included.

Prerequisite: Engineering 103 or Manufacturing 103 with a minimum grade of C.
Sharpen your Computer Aided Drafting Skills!

AutoCAD I, II, III, 3-D & 3-D Civil and Civil Cad classes use the latest software and design techniques. Classes are taught in our newly upgraded Computer Lab.

Register now for ENGR 183, 184, 185, 186!

Like to Make Stuff?

ENGR 133 – Intro to Electromechanical Design T Th 10:00a

ENGR 135 – Advanced Electromechanical Engineering Technology M W 10:00a

ENGR 157A/B/C – Robotic Welding – T Th 6:00p

ENGINEERING 133, INTRODUCTORY ELECTROMECHANICAL ENGINEERING TECHNOLOGY 3.0 UNITS

Introductory course in electro-mechanical engineering technology with an emphasis on hands-on fabrication and testing. Topics include: basic design using CAD software and mechanics principles; introductory fabrication and testing of mechanical systems (mechanical elements, materials, fabrication processes, frames, fasteners, fluid systems, 3D printing, laser cutting, and other processes), and electrical systems (basic circuit analysis, construction, and measurement).

Recommended Preparation: Engineering 103 and Mathematics 084 with a minimum grade of C.

47481 10:00a-11:00a Tu Th Takahashi C SAC A-214 Full Semester
47482 10:00a-11:00a M W Takahashi C SAC A-214 Full Semester

ENGINEERING 135, ADVANCED ELECTROMECHANICAL ENGINEERING TECHNOLOGY 3.0 UNITS

Advanced course in electro-mechanical engineering technology with an emphasis on hands-on fabrication and testing. Topics include: design using CAD software and mechanics principles; advanced level fabrication and testing of mechanical systems (drive systems, gears, linear motion elements, robot prototyping systems, motor control, actuation, and other processes), and electrical systems (solid state devices, op amps, AC circuits, transducers, micro-controllers, circuit measurement devices).

Prerequisite: Engineering 134 with a minimum grade of C.

47482 10:00a-11:00a M W Takahashi C SAC A-214 Full Semester
47483 11:10a-1:15p M W Digilio G SAC A-214 Full Semester

ENGINEERING 154, ARCHITECTURE/CIVIL ENGINEERING /CONSTRUCTION (AEC) PARAMETRIC AND BIM APPLICATIONS 4.0 UNITS

This course covers AEC 3D Parametric applications for architectural, civil engineering, and construction drawings/documents. Includes BIM concepts, sustainable design, organization of projects, visualization and printing. Suggested preparation: Engineering 142 and 188.

Software Utilized: REVIT

47483 6:00p-10:15p M Sherod S SAC HYBRID Full Semester
47483 6:00p-10:15p Tu Sherod S SAC A-216 Full Semester

ENGINEERING 156A, BEGINNING ROBOTIC WELDING 3.0 UNITS

The course is a beginning programming course that teaches students how to safely manipulate the robot through proper use of the robotic controller and Teach Pendant. This course also introduces the student to the gas metal and flux cored arc welding process. Emphasis is placed on safe operating practices, handling and storage of compressed gases, process principles, component identification, various welding techniques, and base and filler metal identification. This course is an introduction to the beginning robotic/laser technology.

Prerequisite: Welding 108 with a minimum grade of C.

49726 8:00a-1:25p Sa Kim J SAC I-109 Full Semester

ENGINEERING 156B, INTERMEDIATE ROBOTIC WELDING 3.0 UNITS

The robotic welding course teaches students how to safely manipulate the robot through proper use of the robotic controller and Teach Pendant. Emphasis is placed on safe operating practices, handling and storage of compressed gases, process principles, component identification and welding procedures. Students will be able to input welding procedures, jog frames, circular moves, weaving, copy-delete-commands, six point tool center and other activities related to the robotic welding process.

Prerequisite: Welding 156A with a minimum grade of C.

49727 8:00a-1:25p Sa Kim J SAC I-109 Full Semester

ENGINEERING 156C, ADVANCED ROBOTIC WELDING 3.0 UNITS

The Advanced Robotic Welding course teaches students how to safely manipulate the robot through proper use of the robot controller and Teach Pendant. Emphasis is placed on safe operating practices, handling and storage of compressed gases, process principles, component identification and welding procedures. Students will be able to create programs in robotic welding safety, TTP Management, USER Frames, coordinated motion, TAST, TAST-RPM, position registers & offsets, touch & sensing and activities related to the robotic welding process.

Prerequisite: Welding 156B with a minimum grade of C.

49728 8:00a-1:25p Sa Kim J SAC I-109 Full Semester

ENGINEERING 157A, BASIC ROBOTIC PROGRAMMING 3.0 UNITS

This is a basic programming course that teaches students how to safely manipulate a basic industrial robot through proper use of a controller. Topics include safe operating practices, circular movements, robot set-up, advanced Teach Pendant programming and functions, and auxiliary hardware.

Prerequisite: Welding 108 with a minimum grade of C.

47485 6:00p-9:50p Tu Th Moreno G SAC K-115 Full Semester

ENGINEERING 157B, INTERMEDIATE ROBOTIC PROGRAMMING 3.0 UNITS

This course is a programming course that teaches students how to safely manipulate an industrial robot through proper use of a controller. Topics include safe operating practices, various welding techniques, and base and filler metal identification. This course also introduces the student to the gas metal and flux cored arc welding process. Emphasis is placed on safe operating practices, handling and storage of compressed gases, process principles, component identification, various welding techniques, and base and filler metal identification. This course is an introduction to the beginning robotic/laser technology.

Prerequisite: Engineering 156A or Welding 156A and Welding 157A or Engineering 157A with a minimum grade of C.

47486 6:00p-9:50p Tu Th Moreno G SAC K-115 Full Semester

ENGINEERING 157C, ADVANCED ROBOTIC PROGRAMMING WELDING 3.0 UNITS

This is an advanced programming course that teaches students how to safely manipulate an industrial robot through proper use of a controller. Topics include safe operating practices, logic commands, and coordinate systems, advanced Teach Pendant programming, network integration, simulations, and software/hardware integration.

Prerequisite: Welding 156B or Engineering 156B and Welding 157B or Engineering 157B with a minimum grade of C.

49730 6:00p-9:50p Tu Th Moreno G SAC K-115 Full Semester

ENGINEERING 158, 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 machining trade.

49633 6:30a-5:50p Sa Stillwell D SAC T-101 Full Semester
49615 6:30a-2:30p Tu Buechler M SAC T-107 Full Semester
49626 5:00-9:20p Tu Buechler M SAC T-107 Full Semester
49601 6:00p-10:20p M Bright T SAC T-107 Full Semester

ENGINEERING 183, CAD I - COMPUTER AIDED DRAWING 3.0 UNITS

A first course in computer drafting focused on AutoDesk software, with AutoCAD as a base. Topics include display and file management, units, entities, object selection, advanced editing, layers, dimensions, text, graphic exchange, and phone apps.

Software Utilized: AutoCAD 2014

47489 6:00p-10:15p Th Galvez R SAC A-225 Full Semester
Section 47489 Online instruction plus mandatory on-campus meetings every Thurs., 6:00p-10:15p, SAC A-225.

ENGINEERING 184, CAD II - COMPUTER AIDED DRAWING 3.0 UNITS

Intermediate course focused on AutoDesk software, especially AutoCAD. Topics include a variety of intermediate apps, blocks, hatches, attributes, inquiry, and 3-D introduction, plus smart phone use.

Recommended Preparation: Engineering 183 or industry CAD experience.

Software Utilized: AutoCAD 2014

47491 6:00p-10:15p Th Galvez R SAC HYBRID Full Semester
47491 6:00p-10:15p Th Galvez R SAC A-225 Full Semester
Section 47491 Online instruction plus mandatory on-campus meetings every Thurs., 6:00p-10:15p, SAC A-225.

ENGINEERING 185, AUTOCAD & CUSTOMIZATION 3.0 UNITS

Advanced course in the use of CAD software customization. Topics include DXF-format, scripts, macros, customizing and creating image tile menus.

Recommended Preparation: Engineering 184 with a minimum grade of C.

Software Utilized: AutoCAD 2014

48899 6:00p-10:15p Sa Sherod S SAC HYBRID Full Semester
48899 6:00p-10:15p Sa Sherod S SAC A-225 Full Semester
Section 48899 Online instruction plus mandatory on-campus meetings every Tues., 6:00p-10:15p, SAC A-225.
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
L11 49806 6:00p-10:15p Tu Sherod S SAC HYBRID Full Semester
Section 49806 Online instructions plus mandatory on-campus meetings every Tues., 6:00p-10:15p, SAC A-225.

ENGINEERING 201, RESIDENTIAL AND LIGHT COMMERCIAL CONSTRUCTION PRACTICES AND ESTIMATING 4.0 UNITS
Course provides practical knowledge, ecological terms and concepts, for planning, design, and construction of residential and light commercial buildings including materials, equipment, construction/assembly methods, quantity take-off, and building codes/standards.
Recommended Preparation: Engineering 100B, Engineering 112, and Engineering 142.
L11 47484 6:00p-10:15p M Sherod S SAC HYBRID Full Semester
Section 47484 Online instruction plus mandatory on-campus meetings every Monday, 6:00p-10:15p, SAC A-216. Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

ENGINEERING 250, ELECTRIC CIRCUITS 3.0 UNITS
An introduction to the analysis of electric circuits. Use of analytical techniques based on the application of circuit laws and network theorems. Analysis of DC and AC circuits containing resistors, capacitors, inductors, dependent sources, operational amplifiers, and/or switches. Natural and forced responses of first and second order RLC circuits; the use of phasors; AC power calculations; power transfer; and energy concepts.
Prerequisite: Mathematics 280 and Physics 227 with a minimum grade of C (Both may be taken concurrently).
47492 10:00a-1:10p F Takahashi C SAC A-214 Full Semester

ENGINEERING 250L, ELECTRIC CIRCUITS LABORATORY 1.0 UNIT
Selected laboratory exercises in engineering circuit analysis. Resistive, RL, RC, and RLC circuits and circuit analysis theorems.
Prerequisite: Engineering 250 with a minimum grade of C or concurrent enrollment.
47494 1:20p-4:30p F Takahashi C SAC A-214 Full Semester

ENGLISH

ENGLISH 061, INTRODUCTION TO WRITTEN COMMUNICATION 3.0 UNITS
Introduction to written communication including autobiographical, journal and summary writing, in refining sentence skills and grammar.
Prerequisite: English 061 or English for Multilingual Students 112 or Adult Basic Education 116 with a minimum grade of C or qualifying profile from English placement process.
Section 45865 Online instruction plus four mandatory on-campus meetings on Thursday 2/1, 3/15, 4/26, 5/17 from 4:30p-6:50p in SAC D-206. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.
45767 4:30p-6:50p Th Carey J SAC D-206 Full Semester
Section 45767 Online instruction plus four mandatory on-campus meetings on Thursday 2/1, 3/15, 4/26, 5/17 from 4:30p-6:50p in SAC D-206. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.
45788 4:30p-6:50p Tu Mitzer R SAC D-110 Full Semester
45789 4:30p-6:50p Tu Diller J SAC D-204 Full Semester
Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

ENGLISH 062, INTRODUCTION TO COMPOSITION 4.0 UNITS
Expository paragraph writing emphasizing various methods including argumentation. Practice in refining sentence skills and grammar.
Prerequisite: English N60 with a minimum grade of C or qualifying profile from English placement process and Reading proficiency as assessed by the Reading assessment process.
45795 8:00a-10:05a M W Kelley S SAC I-106 Full Semester
45796 8:00a-10:05a M W “Content of Interest to Pre-Health Science Majors” Section 45789 is linked to Counseling 116, Career/Life Planning and Personal Exploration, section 47201. Enrollment in both sections is mandatory. Please see the Freshman Experience Program page in the class schedule for more information.
45798 8:00a-10:05a Tu Mitzer R SAC D-210 02/05-02/08
45799 8:00a-10:05a Tu Diller J SAC D-204 Full Semester
45800 8:00a-10:05a Tu Diller J SAC D-210 02/05-02/08
Section 45796 is an Express to Success course. See the Express to Success program page in the class schedule for more information.
49901 8:00a-10:05a M W Sosta R SAC I-202 02/05-03/28
Section 49901 is an Express to Success course. See the Express to Success program page in the class schedule for more information.
47191 8:00a-10:05a M W Evans M Full Semester
49902 8:00a-10:05a M W Evans M Full Semester
Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

ENGLISH 101, FRESHMAN COMPOSITION 4.0 UNITS
Expository and argumentative essays and the research paper. Special interest sections described in schedule of classes.
Prerequisite: English 061 or English for Multilingual Students 112 or Adult Basic Education 116 with a minimum grade of C or qualifying profile from English placement process.

54853 Nguyen P SAC WEB 02/05-04/01
Section 54853 Available for Online Degree Pathway Students. Students are required to log on to Canvas of the first day of class: http://rsccd.instructure.com.
54863 7:00p-9:20p Th Bennett G SAC HYBRID Full Semester
Section 54863 Online instruction plus four mandatory on-campus meetings on Thursdays 2/8, 3/15, 4/19, 5/17 from 7:00p-9:20p in SAC D-206. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.
Email instructor the first week of class.
54865 3:00p-5:40p M W Ramshaw C SAC HYBRID Full Semester
Section 54865 Online instruction plus four mandatory on-campus meetings on Mondays 2/5, 3/19, 4/30, 5/28 from 3:00p-5:40p in SAC I-106. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.
Email instructor the first week of class.
46043 4:00p-5:50p Th Simmerman S SAC HYBRID Full Semester
Section 46043 Online instruction plus four mandatory on-campus meetings on Thursdays 2/8, 3/15, 4/19, 5/31 from 4:00p-5:50p in SAC D-103. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.
Attendance at first class meeting is mandatory. Email instructor the first week of class.
**ENGLISH 101H, HONORS FRESHMAN COMPOSITION**

4.0 UNITS

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

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

**ENGLISH 102, HONORS LITERATURE AND COMPOSITION**

4.0 UNITS

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

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

**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 English 101H with a minimum grade of C.

**ENGLISH 201, FRESHMAN COMPOSITION**

4.0 UNITS

An enriched approach to expository and argumentative essays and the research papers requiring in-depth analysis of evidence and substantive treatment of student-selected topics.

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

**ENGLISH 202, FRESHMAN COMPOSITION HYBRID**

4.0 UNITS

An enriched approach to expository and argumentative essays and the research papers requiring in-depth analysis of evidence and substantive treatment of student-selected topics. 

Prerequisite: English 061 or English for Multilingual Students 112 or Adult Basic Education 116 or qualifying profile from English placement process AND a high school or college GPA of 3.0 or above.
ENGLISH 103H, HONORS CRITICAL THINKING AND WRITING 4.0 UNITS
Enriched and intensive exploration of historical and contemporary issues. Application of critical thinking, writing and reading skills to established argumentative methods and models through student-initiated discussion and problem-solving in a seminar setting.
Prerequisite: English 101 or English 101H with a minimum grade of C and high school or college GPA of 3.0 or above.
46213 8:00a-10:05a M W Bennett G SAC I-201 Full Semester
48135 10:15a-12:20p Tu Th Patterson K SAC D-107 Full Semester

ENGLISH 213, CREATIVE WRITING 3.0 UNITS
Introduction to writing techniques focusing on the four literary genres. Workshop format, emphasis on writing and critiquing.
Prerequisite: English 101 or English 101H with a minimum grade of C.
48944 6:00p-9:10p Th Higgins C SAC I-106 Full Semester

ENGLISH 220, SURVEY OF THE BIBLE AS LITERATURE 3.0 UNITS
A study of the literary history, influence, and craftsmanship of the Bible and an exploration of related stories, poems, plays, essays, and other diverse materials.
Prerequisite: English 101 or English 101H with a minimum grade of C.
48945 Bennett G SAC WEB Full Semester
Section 48945 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class:
http://rsccd.instructure.com. Email instructor first week of class.

ENGLISH 233C, SHAKESPEARE’S THEATRE 3.0 UNITS
Study of selected Shakespearean plays. Emphasizes dramatic elements, depiction of human nature, and timeless/timey conflicts. Augmented by films and, if available, appropriate field trips. Different selections in English 233ACD.
Prerequisite: English 101 or English 101H with a minimum grade of C.
48535 6:00p-9:10p W Patterson K SAC I-106 Full Semester

ENGLISH 246, SURVEY OF CHICANO LITERATURE 3.0 UNITS
Examines American literature by and about Chicanos. Emphasizes the relationships between various works and the Chicanos’ place in American society/culture.
Prerequisite: English 101 or English 101H with a minimum grade of C.
46534 11:50a-1:15p Tu Th Acevedo C SAC D-103 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 English 101H with a minimum grade of C.
46216 Bennett G SAC WEB Full Semester
Section 46216 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class:
http://rsccd.instructure.com. Email instructor first week of class.

ENGLISH 271, SURVEY OF WORLD LITERATURE I 3.0 UNITS
Survey of selections from world masterpieces from the beginnings of writing through the 1600’s. Literary works studied in historical context for artistic form, their influence on their culture and others, and general contribution to understanding human experience.
Prerequisite: English 101 or English 101H with a minimum grade of C.
48537 6:00p-9:10p M Patterson K SAC D-204 Full Semester

ENGLISH FOR MULTILINGUAL STUDENTS

ESL/EMLS COURSE | COMMUNICATION STUDIES COURSE | READING COURSE
--- | --- | ---
CEC Transfers often placed here | EMLS 055 | Communication Studies N52A | Reading N50 or N80
High School Grads often placed here | EMLS 107 | Communication Studies N52AB | Reading N80
 | EMLS 109 | Communication Studies 096, 097 or N53 | Reading 101
 | EMLS 110 | Communication Studies 096, 097 or N53 | Reading 101 or 102
 | EMLS 112 | Communication Studies N50 | Reading 102

ADVANCED LEVEL COURSES

| EMLS 110 | Communication Studies 096, 097 or N53 | Reading 101 or 102
| EMLS 112 | Communication Studies N50 | Reading 102

FRESHMAN COMPOSITION

| English 101 | Communication Studies 101 or 102 | Reading 150

EMLS 107, EMLS 109, EMLS 110 and EMLS 112 are CSU transferable.

SANTA ANA COLLEGE
ENGLISH FOR MULTILINGUAL STUDENTS (EMLS)

EMLS/ESL courses are offered by the English/ESL Dept. to serve bilingual, multilingual, and non-native speakers of English who need to improve their writing skills before enrolling in English 101. These courses address such areas as vocabulary, advanced sentence construction and writing fluency in paragraphs and essays.

Students who took ELD (English Language Development) classes in high school and studied regular English only in their senior year should take the TELD test (Test of English Language Development) to determine their college placement.

Students enrolled in EMLS courses should also enroll in a Reading class and possibly a Communication Studies class to enhance their writing and communication skills.

EMLS courses address writing problems that are common to bilingual students. EMLS 107, EMLS 109, EMLS 110 and EMLS 112, unlike English N60 and 061, are transferable to some California State University campuses as electives.

Placement into any of these courses is based on the student’s test score and qualifying profile OR completion of the previous course with a grade of A,B,C, or P.
ENTREPRENEURSHIP

All students considering Entrepreneurship as a field of study or career should attend Wednesday, January 31st from 6:00p–8:00p, Room A-209

ENTREPRENEURSHIP 100, INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP 3.0 UNITS

Discover how the entrepreneurial mindset teaches life skills that can make you more successful now and at every stage of your life. Examine how that mindset affects the social, psychological, and physiological impact of those life skills. Learn the basics of how to start a business and learn how to think like an entrepreneur.

46704 6:00p-8:00p M W Doolittle G SAC WEB 04/09-06/03

ENTREPRENEURSHIP 140, FASHION E-COMMERCE 3.0 UNITS

Learn how to create and manage an E-commerce store. Study the operations of an established fashion E-Commerce retail business. Concepts of merchandising include buying, pricing, stock control, credit, credit control, omni-channel strategies, logistics, layout, customer service, marketing, and analytical software.

49836 Full Semester

ENTREPRENEURSHIP 148, THE BUSINESS OF ENTERTAINMENT 3.0 UNITS

The study of business issues relating to the entertainment industry with a focus on the formats of film, web, TV, and live performance. This course is designed for individuals desiring a career in entertainment.

47767 10:15a–11:40a Tu Th McDonough R SAC A-213 Full Semester

ENVIRONMENTAL STUDIES 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.

48418 10:15a–11:40a M W Hughes P SAC R-111 Full Semester

ENVIRONMENTAL STUDIES 259, ENVIRONMENTAL BIOLOGY 4.0 UNITS

Introduction to Environmental Biology. Includes study of ecosystems, population dynamics, classification, diversity of plant and animal species, effects of pollutants at both the cellular and organismal levels, and principles of ecology.

48617 10:15a–11:40a M W Bruckman D SAC R-124 Full Semester

48614 10:15a–11:40a M W Bruckman D SAC R-124 Full Semester

ETHNIC STUDIES 101, INTRODUCTION TO ETHNIC STUDIES 3.0 UNITS

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

45644 11:50a–1:15p M W Valdes R SAC D-101 Full Semester

45651 7:00p–9:10p M Hansen R SAC D-205 Full Semester
## Fashion Design Merchandising

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
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<tbody>
<tr>
<td>FDM 101, Introduction to Fashion Merchandising</td>
<td>3.0</td>
<td>FDM 109, Flat Pattern Techniques</td>
<td>FDM 105A, Beginning Sewing (if non-sewer)</td>
</tr>
<tr>
<td>FDM 212, Advanced Draping</td>
<td>3.0</td>
<td>FDM 213, Apparel Line Production</td>
<td>FDM 105B, Intermediate Sewing</td>
</tr>
</tbody>
</table>

### Fashion Design Merchandising 005, Fashion Laboratory

- **5.0 - 15.0 UNITS**
- Supervised work in the fashion laboratory. Lab hours verified by sign-in. Twenty-four hours per 0.5 units. Not applicable to associate degree.
- **Corequisite:** Concurrent enrollment in Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design Merchandising 105A or Fashion Design
- **Open Entry / Open Exit**
- **Register Early—Space Is Limited**
- **Fashion Design and Merchandising Certificate or AA Degree Programs**

### Fashion Design Merchandising 052, Knit and Swim Suit Sewing

- **3.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052A Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design Merchandising 111A or Fashion Design Merchandising 111B or Fashion Design Merchandising 111C or Fashion Design Merchandising 140 or Fashion Design Merchandising 213 or Fashion Design Merchandising 215 or Fashion Design Merchandising 216.
- **Open Entry / Open Exit**

### Fashion Design Merchandising 055, Fashion Laboratory

- **3.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 055 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 056, Computer Fashion Laboratory

- **0.5 - 1.5 UNITS**
- Advanced level of supervised use of the computer fashion laboratory. Lab hours verified by sign-in. Twenty-four hours per 0.5 units. Not applicable to associate degree.
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052A Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design Merchandising 111A or Fashion Design Merchandising 111B or Fashion Design Merchandising 111C or Fashion Design Merchandising 140 or Fashion Design Merchandising 213 or Fashion Design Merchandising 215 or Fashion Design Merchandising 216.
- **Open Entry / Open Exit**

### Fashion Design Merchandising 100, Introduction to Fashion

- **3.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 101, Buying and Merchandising

- **2.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 102, Promoion and Coordination

- **3.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 103, Fashion Selection

- **3.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 107, Custom Tailoring

- **2.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 111, Fashion Illustration Techniques

- **2.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 113, Fashion Draping

- **3.5 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 125, Display Merchandising

- **3.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 136, Fundamentals of Costume Design

- **3.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 140, Fashion E-Commerce

- **3.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

### Fashion Design Merchandising 212, Advanced Draping

- **2.0 UNITS**
- **Corequisite:** Concurrent enrollment in Fashion Design Merchandising 052 or Fashion Design Merchandising 053 or Fashion Design Merchandising 056 or Fashion Design Merchandising 057 or Fashion Design Merchandising 058 or Fashion Design Merchandising 070 or Fashion Design Merchandising 080 or Fashion Design Merchandising 081 or Fashion Design
- **Open Entry / Open Exit**

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**See your catalog or call 714-564-6800 for more information**
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<th>INSTRUCTOR</th>
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<td>2.5 UNITS</td>
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<td>FIRE ACADEMY 008, BIDDLE PHYSICAL ABILITY TEST (PAT) EXAMINATION</td>
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<td>FIRE ACADEMY 018B, BEGINNING FIRE PHYSICAL ABILITY TRAINING</td>
<td>0.1 - 0.1 UNITS</td>
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<td>FIRE ACADEMY 018C, INTERMEDIATE FIRE PHYSICAL ABILITY TRAINING</td>
<td>0.1 - 0.1 UNITS</td>
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<td>FIRE ACADEMY 018D, ADVANCED FIRE PHYSICAL ABILITY TRAINING</td>
<td>0.1 - 0.1 UNITS</td>
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<td>FIRE TECHNOLOGY 010, BUILDING CONSTRUCTION FOR FIRE PROTECTION</td>
<td>3.0 UNITS</td>
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<td>FIRE TECHNOLOGY 011, FIRE PROTECTION ORGANIZATION</td>
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<td>FIRE TECHNOLOGY 012, FIRE BEHAVIOR AND COMBUSTION</td>
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<td>FIRE TECHNOLOGY 013, PRINCIPLES OF FIRE AND EMERGENCY SERVICES SAFETY AND SURVIVAL</td>
<td>3.0 UNITS</td>
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<td>FIRE TECHNOLOGY 014, FIRE PREVENTION</td>
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<tr>
<td>FIRE TECHNOLOGY 015, BASIC FIRE ACADEMY</td>
<td>12.0 UNITS</td>
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**FASHION DESIGN MERCHANDISING 213, APPAREL LINE PRODUCTION**
3.0 UNITS
Instruction on designing a fashion line using industry production techniques and equipment. Techniques include computer sketching, computer pattern drafting, and garment construction. Prerequisite: Fashion Design Merchandising 100 or 108, and 109 and 111A with a minimum grade of C.

**FASHION DESIGN MERCHANDISING 214, TECH-PACKS FOR MANUFACTURED APPAREL**
3.0 UNITS

**FASHION DESIGN MERCHANDISING 299, COOPERATIVE WORK EXPERIENCE**
1.0 - 6.0 UNITS
This work experience course of supervised employment is designed to assist students to acquire career awareness, work habits, attitudes and skills related to the student's college major. Credit may be accrued at the rate of one to six units per semester. One unit of course credit equals 75 hours of paid work or 60 hours of unpaid work. Student repetition up to 16 units is permissible prior to Title 5, Section 55233. Recommended Preparation: 12 units of Fashion Design Merchandising courses completed with C or better.

**FIRE ACADEMY**

**FIRE ACADEMY 007, STRENGTH AND CONDITIONING FOR THE FIRE SERVICE**
Buy Strength and Conditioning course to prepare those interested in a career in the Fire Service. Corequisite: Concurrent enrollment in Fire Academy 050 or 060.

**FIRE ACADEMY 008, BIDDLE PHYSICAL ABILITY TEST (PAT) EXAMINATION**
The Los Angeles County and Orange County Fire Chief's Physical Ability Test is designed to examine the physical ability of the individual when it comes to performing the functions or tasks of a Firefighter.

**FIRE ACADEMY 018B, BEGINNING FIRE PHYSICAL ABILITY TRAINING** 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.

**FIRE ACADEMY 018C, INTERMEDIATE FIRE PHYSICAL ABILITY TRAINING** 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.

**FIRE ACADEMY 018D, ADVANCED FIRE PHYSICAL ABILITY TRAINING** Students will practice and condition for successful completion of the “Biddle” Fire Fighter Physical Ability Test (Fire Academy 008). This is a supplemental learning assistance course designed to prepare the student for participation and successful completion of FAC 008. Students will perform physical exercises and training circuits using fire hose, ladders, stairs, and calisthenics, proper body mechanics, lifting techniques and physical conditioning principles.
FIRE TECHNOLOGY PROGRAMS

- FIRE ACADEMY 025, FITNESS FOR PUBLIC SAFETY PERSONNEL (2.0 Units)
- FIRE ACADEMY 030, ANNUAL TOPICS – FIRE INSERVICE TRAINING (0.5-10 Units)
- FIRE ACADEMY 063A, HEAVY RESCUE SYSTEM 2
- FIRE ACADEMY 063R, 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 Fire Technology Office at 714-564-6661.

- 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 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
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- 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 272B, FIRE COMMAND 2E
- FIRE ACADEMY 252A, FIRE INVESTIGATION 2A
- FIRE ACADEMY 252B, FIRE INVESTIGATION 2B
- FIRE ACADEMY 062, ICS 200
- FIRE ACADEMY 062B, ICS 300
- FIRE ACADEMY 062C, ICS 400

All students will have to register for class(s) on line. Should you have any difficulty or need assistance please contact the Fire Tech Office at 714-564-6404.

FIRE TECHNOLOGY 106, FIRE PROTECTION SYSTEMS 3.0 UNITS

This course provides information relating to the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers.

Prerequisite: Fire Technology 101 and 102 with minimum grade of C.

49254 Wiskus D SAC WEB Full Semester
Section 49254 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Email instructor on the first week of class: wiskus_danny@sac.edu

49255 8:30a-11:40a Tu Freeman S SAC W-101 Full Semester
49256 12:00p-3:10p Th Freeman S SAC A-128 Full Semester
49257 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 topics include the FITT principle, specificity, and injury prevention and treatment.

Co-Requisite: Concurrent enrollment in Fire Technology 121L.

49269 Meloni J SAC WEB Full Semester
Section 49269 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Email instructor on the first week of class: meloni_jennifer@sac.edu

49259 8:30a-11:40a Th Staff SAC A-128 Full Semester
49262 12:00p-3:10p M Argo R SAC W-101 Full Semester
49265 12:00p-3:10p W Argo R SAC W-101 Full Semester
49267 7:00p-10:10p Tu Argo R SAC H-207 Full Semester

FIRE TECHNOLOGY 121L, PHYSICAL FITNESS FOR PUBLIC SAFETY PERSONNEL - PERFORMANCE AND ASSESSMENT 0.3 UNIT

Student will participate in physical fitness and fire-specific activities. Focus is on preparing individual fitness, health, and physical ability for job requirements. Students will be advised of the specific dates and times for the Lab/Physical Ability Practice sessions during first week of the semester at the Lab Orientation.

Co-Requisite: Concurrent enrollment in Fire Technology 121.

49266 TBA Argo R SAC Full Semester
All registered FTC 121L students must attend ONE of the five scheduled orientations in E-108: Mon. 02/05, 3:20p-4:10p; Tues. 02/06, 6:00p-6:50p; Wed. 02/07, 3:20p-4:10p; Wed. 02/07, 6:00p-6:50p; Thurs. 02/08, 11:50a-12:40p. 16.0 hours to be arranged.

49264 TBA Argo R SAC Full Semester
All registered FTC 121L students must attend ONE of the five scheduled orientations in E-108: Mon. 02/05, 3:20p-4:10p; Tues. 02/06, 6:00p-6:50p; Wed. 02/07, 3:20p-4:10p; Wed. 02/07, 6:00p-6:50p; Thurs. 02/08 11:50a-12:40p. 16.0 hours to be arranged.

49260 TBA Staff SAC Full Semester
All registered FTC 121L students must attend ONE of the five scheduled orientations in E-108: Mon. 02/05, 3:20p-4:10p; Tues. 02/06, 6:00p-6:50p; Wed. 02/07, 3:20p-4:10p; Wed. 02/07, 6:00p-6:50p; Thurs. 02/08 11:50a-12:40p. 16.0 hours to be arranged.

49271 TBA Meloni J SAC Full Semester
All registered FTC 121L students must attend ONE of the five scheduled orientations in E-108: Mon. 02/05, 3:20p-4:10p; Tues. 02/06, 6:00p-6:50p; Wed. 02/07, 3:20p-4:10p; Wed. 02/07, 6:00p-6:50p; Thurs. 02/08 11:50a-12:40p. 16.0 hours to be arranged.

49268 TBA Argo R SAC Full Semester
All registered FTC 121L students must attend ONE of the five scheduled orientations in E-108: Mon. 02/05, 3:20p-4:10p; Tues. 02/06, 6:00p-6:50p; Wed. 02/07, 3:20p-4:10p; Wed. 02/07, 6:00p-6:50p; Thurs. 02/08 11:50a-12:40p. 16.0 hours to be arranged.

ALL REGISTERED FTC 121L STUDENTS MUST ATTEND ONE OF THE FIVE SCHEDULED ORIENTATIONS IN E-108:
Mon. 02/05, 3:20p-4:10p • Tues. 02/06, 6:00p-6:50p
Wed. 02/07, 3:20p-4:10p • Wed. 02/07, 6:00p-6:50p
Thurs. 02/08, 11:50a-12:40p.
16.0 hours to be arranged.

FRENCH

FRENCH 101, ELEMENTARY FRENCH 1 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.

45647 7:35a-10:05a Tu Th Nguyen M SAC D-305 Full Semester
45649 7:35a-10:05a M W Hartstein S SAC D-305 Full Semester
45648 10:15a-12:45p Tu Th Nabulsi A SAC D-211 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 with a minimum grade of C or two years of high school French with a passing grade.
45657 10:15a-12:45p M W Curilli C SAC D-305 Full Semester

GEODE 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.

45670 Conley J SAC WEB Full Semester
Section 45670 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.

45661 8:40a-10:05a Tu Th Courter W SAC D-202 Full Semester
45665 10:15a-11:40a M W Courter W SAC D-202 Full Semester
45663 11:50a-1:15p M W Courter W SAC D-202 Full Semester
45667 6:00p-9:10p M Conley J SAC D-202 Full Semester
45662 6:00p-9:10p Th Staff SAC D-202 Full Semester

GEODE 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.
45676 8:40a-10:05a M W Courter W SAC D-202 Full Semester
45672 10:15a-11:40a Tu Th Courter W SAC D-202 Full Semester
45674 11:50a-1:15p Tu Th Courter W SAC D-202 Full Semester
45678 6:00p-9:10p Tu Staff SAC D-202 Full Semester

GEODE 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, stereographic, topographic, and aerial photo interpretation, meteorological tools and models and weather prognosis, geomorphologic models and processes, and landform interpretation.
Prerequisite: Geography 101 with a minimum grade of C or concurrent enrollment in Geography 101.
45679 1:25p-4:35p Tu Courter W SAC D-202 Full Semester

GEODE 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.
45680 Conley J SAC WEB Full Semester
Section 45680 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.

GEODE 105, 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.
48391 8:40a-10:05a M W Coyne C SAC R-111 Full Semester
48394 8:40a-10:05a Tu Th Hughes P SAC R-111 Full Semester
48392 6:30p-9:40p M Beach A SAC R-111 Full Semester

GEODE 105L, 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 with a minimum grade of C or concurrent enrollment in Geology 101.
48396 8:40a-11:50a F Beach A SAC R-111 Full Semester
48395 6:30p-9:40p W Beach A SAC R-111 Full Semester

GEODE 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.
48417 10:15a-11:40a M W Hughes P SAC R-111 Full Semester

GEODE 150, INTRODUCTION TO OCEANOGRAPHY 3.0 UNITS
Introductory study of the ocean and its topography, sediments, circulation, shoreline processes, biological productivity and mineral resources.
48388 10:15a-11:40a Tu Th Hughes P SAC R-111 Full Semester

SECTION TIME DAYS INSTRUCTOR LOCATION / ROOM DATES

GEODE 174, GEOLOGIC FIELD STUDIES OF JOSHUA TREE NATIONAL PARK 1.0 UNIT
The geologic history including mountain building, volcanic activity, faulting, mineral resources and human history of the Joshua Tree region. Mandatory orientation along with a two-day field trip.
48412 TBA Hughes P SAC FLD TRIP 04/20-05/11
5:00p-6:00p F Hughes P SAC R-111 04/20-04/20
05:15-06:15 F Hughes P SAC R-111 05/11-05/11
Section 48412 MANDATORY Pre-trip orientation mtg Friday, 04/20/2018, 5:00p-6:00p, SAC R-111. Field trip: Fri, 04/27/18 2:30pm through Sun, 04/29/18 8:00p. MANDATORY Post-trip meeting Friday,05/11/2018 5:00p-6:00p, SAC R-111. This class has outdoor, overnight camping.

GEODE 201, INTRODUCTION TO HISTORICAL GEOLOGY 4.0 UNITS
Introductory geology course investigating the former landscapes and inhabitants of the Earth as preserved in the rock record with an emphasis on North America. Two optional one-day field trips.
48410 7:00p-10:10p Tu Hughes P SAC R-111 Full Semester
7:00p-10:10p Th Hughes P SAC R-111 Full Semester

HISTORY

HISTORY 101, WORLD CIVILIZATIONS TO THE 16TH CENTURY 3.0 UNITS
Examines the development of world civilizations and their interrelationships from the earliest beginnings to the sixteenth century. Emphasis on basic ideas, institutions, personalities, religious traditions, and artistic achievements.

46308 7:05a-8:30a M W Hirschok M SAC D-214 Full Semester
46309 8:40a-10:05a Th Deluna D SAC D-208 Full Semester
46310 10:15a-11:40a Th Deluna D SAC D-208 Full Semester
46312 11:50a-1:15p M W Lange M SAC D-303 Full Semester
50124 6:00p-9:10p M Fernandez L SAC D-208 Full Semester
50136 6:00p-9:10p W Fernandez L SAC D-201 Full Semester

HISTORY 101H, HONORS WORLD CIVILIZATIONS TO THE 16TH CENTURY 3.0 UNITS
An enriched approach designed for honors students that includes individual research as well as small group analysis of historical problems. Emphasis on the development of world civilizations and their interrelationships, basic ideas, institutions, personalities, and artistic achievements from the earliest beginnings to the sixteenth century.
46313 6:30p-9:40p M Jimenez M SAC D-105 Full Semester

HISTORY 102, WORLD CIVILIZATIONS SINCE THE 16TH CENTURY 3.0 UNITS
Broad historical study of world civilizations and their interrelationships from the 16th century to the present. Ideas, institutions, personalities, and artistic achievements which have contributed to present-day society.
46316 Menzing T SAC WEB Full Semester
Section 46316 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com. Email instructor first week of class.

46314 10:15a-11:40a M W Deluna D SAC D-208 Full Semester
46315 11:50a-1:15p M W Ramirez A SAC D-208 Full Semester

HISTORY 118, SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES 3.0 UNITS
Examines social and cultural traditions during major historical periods. Focuses on American attitudes and response to economic and technological changes, aesthetics, music, art, language, architecture, folklore, high and popular culture.
46318 7:05a-8:30a Tu Th Deluna D SAC D-208 Full Semester
Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.
46319 8:40a-10:05a M W Medina M SAC D-303 Full Semester

HISTORY 120, THE UNITED STATES TO 1865 3.0 UNITS
Examines major political, economic, intellectual, and social forces at home and abroad that shaped American life from the colonial period through the Civil War.
46321 Stanfield A SAC WEB Full Semester
Section 46321 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com. Email instructor first week of class.

46322 Stanfield A SAC WEB Full Semester
Section 46322 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com. Email instructor first week of class.

46323 8:40a-10:05a M W Ramirez A SAC D-103 Full Semester
46327 8:40a-10:05a Tu Th Medina M SAC D-214 Full Semester
46325 10:15a-11:40a M W Medina M SAC D-207 Full Semester
46324 10:15a-11:40a Tu Th Medina M SAC D-214 Full Semester
46328 1:25p-4:25p Tu Th Ramirez A SAC D-304 04/10-05/31
46330 3:00p-6:20p M W Lewis J SAC D-213 04/09-05/30
46331 6:00p-10:15p F Romero V SAC I-208 02/09-03/24
9:00a-11:15a Sa Romero V SAC I-208
HISTORY 121, THE UNITED STATES SINCE 1895
3.0 UNITS
A critical analysis of American history. Includes industrial and technological development, the changing nature of society, cultural developments, domestic politics, and America’s expanded world role.

46342
Stanfield A
SAC WEB
Full Semester
Section 46342 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.

46332
Menzing T
SAC WEB
Full Semester
Section 46332 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.

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.

47720
Kehlenbach E
SAC WEB
02/05/04/01
Section 47720 Available for Online Degree Pathway Students. Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of class: http://rsccd.instructure.com.

INTERDISCIPLINARY STUDIES 155, HUMAN SEXUALITY
3.0 UNITS
An interdisciplinary review of the biological development and psychological influences across the lifespan, including neuroscience research and sociocultural considerations in the areas of gender, attraction, attachment, love, sexual orientations, anatomy, sexual arousal and response, conception, contraception, reproduction, health, including sexual coercion and sexually transmitted infections.

ITALIAN
ITALIAN 120, ELEMENTARY ITALIAN I
5.0 UNITS
Pronunciation, grammar, speaking, reading, listening, writing, common idioms, and cultural insights. Italian 120 is equivalent to 2 years of high school Italian.

45682
10:15a-12:45p M W
Mehr M
SAC D-103
Full Semester

45683
12:30p-3:00p M W
Mehr M
SAC D-103
Full Semester

KINESIOLOGY INTERCOLLEGIATE ATHLETICS
KINESIOLOGY INTERCOLLEGIATE ATHLETICS 125, CONDITIONING FOR FOOTBALL
1.0 UNIT
This class is designed to prepare the college football athlete to play offense, defense, and special teams. The focus is on skill development and conditioning through resistance training and field work.

48960
3:00p-4:25p
Tu W Th
Jones G
SAC G-103
02/05/03/29

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 128, CONDITIONING FOR ATHLETES
0.5 UNIT
An exercise program designed for athletes who participate in intercollegiate sports. Emphasis will be on the development of strength, endurance, flexibility, and strength.

48968
3:00p-5:00p
M W
Jones G
SAC G-103
04/09/06/03

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 171, WRESTLING - OFF SEASON
1.0 UNIT
This course is designed as a skills development and conditioning class for student athletes interested in wrestling. Fundamentals of wrestling, analysis of opponents strengths and weaknesses, and knowledge of rules and regulations of the sport are presented.

48916
7:00p-10:10p
M W
Silva V
SAC H-111
04/09/05/30

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 201, BASEBALL MENS
3.0 UNITS
This course is designed for student-athletes with exceptional baseball talent who intend to transfer and play baseball at the 4-year or professional level. Emphasis is on application of collegiate baseball rules and regulations, offensive and defensive fundamentals and strategies and mental strategies for intercollegiate sports competition. Students must meet CCAA eligibility requirements and pass a health screening prior to participation.

48918
2:45p-4:50p
Tu W Th F
Niles T
SAC G-115
04/09/11

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 206, SWIMMING-MENS
3.0 UNITS
This class is designed for student athletes with exceptional swimming talent so they may compete in intercollegiate swimming. Emphasis is placed upon stroke technique, starts and turns, and collegiate rules and regulations. Students must meet CCAA eligibility requirements and pass a health screening prior to participation.

48923
5:30a-7:30a
M
Reyes A
SAC G-121
Full Semester

12:40p-2:40p
Tu W Th
Staff
SAC G-121

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 211, SOFTBALL-WOMEN
3.0 UNITS
This course is designed for student-athletes to participate in intercollegiate softball competition. A high-level, competitive program for student athletes with exceptional softball talent. Emphasis is placed upon application of collegiate softball rules and regulations as well as defensive and offensive skills and strategies. Students must meet CCAA eligibility requirements and pass a health screening prior to participation.

48914
1:25p-3:25p
Tu W Th F
Nutter K
SAC G-120
Full Semester
<table>
<thead>
<tr>
<th>SECTION</th>
<th>TIME</th>
<th>DAYS</th>
<th>INSTRUCTOR</th>
<th>LOCATON / ROOM</th>
<th>DATES</th>
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</thead>
<tbody>
<tr>
<td><strong>KINESIOLOGY INTERCOLLEGIATE ATHLETICS 218, TRACK-WOMEN</strong></td>
<td>3.0 UNITS</td>
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<td>This course is designed for student athletes with advanced running skills so they may compete in intercollegiate track. Emphasis is placed upon application of track &amp; field techniques, advanced training modalities, rules and regulations of the sport, and strategies for successful intercollegiate competition. Students must meet CCAA eligibility requirements and pass a health screening prior to participation.</td>
<td>48982</td>
<td>12:00p-2:30p M Tu W Th</td>
<td>Mitzel M</td>
<td>SAC G-113 Full Semester</td>
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<tr>
<td><strong>KINESIOLOGY INTERCOLLEGIATE ATHLETICS 232, FOOTBALL</strong></td>
<td>1.0 UNIT</td>
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<td>Basic elements of the game including fundamental skills in stance, footwork, tackling and blocking techniques will be presented. Offensive and defensive formations and strategies will be practiced. The focus is skill development and conditioning, and is included in the 175 hours allotted to football for offseason development.</td>
<td>48969</td>
<td>3:00p-6:10p Tu Th</td>
<td>Jones G</td>
<td>SAC G-118 04/09-06/03</td>
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<tr>
<td><strong>KINESIOLOGY INTERCOLLEGIATE ATHLETICS 235, SPEED AND AGILITY</strong></td>
<td>0.5 UNIT</td>
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<td>This class includes instruction on linear speed, non-linear speed, and jumping ability using state of the art photometric training and speed specific training tools.</td>
<td>49013</td>
<td>11:50a-1:15p Tu Th</td>
<td>Baquero J</td>
<td>SAC G-103 Full Semester</td>
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<tr>
<td><strong>KINESIOLOGY INTERCOLLEGIATE ATHLETICS 261, SOCCER-WOMEN</strong></td>
<td>0.5 UNIT</td>
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<tr>
<td>This soccer class is designed for student-athlete sport conditioning and technical and tactical skill development.</td>
<td>48997</td>
<td>3:30p-5:35p M W</td>
<td>Baquero J</td>
<td>SAC G-118 04/09-06/03</td>
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<tr>
<td><strong>KINESIOLOGY INTERCOLLEGIATE ATHLETICS 262, SOCCER-MEN</strong></td>
<td>1.0 UNIT</td>
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<tr>
<td>This soccer class is designed for student-athlete sport conditioning, and technical and tactical skill development.</td>
<td>48946</td>
<td>4:50p-6:55p M W</td>
<td>Vasquez J</td>
<td>SAC G-118 04/09-06/01</td>
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<tr>
<td><strong>KINESIOLOGY INTERCOLLEGIATE ATHLETICS 293, SAND VOLLEYBALL</strong></td>
<td>3.0 UNITS</td>
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<td>This course is designed for student athletes so they may compete in intercollegiate sand volleyball. Emphasis will be placed on advanced technical skill development, offensive and defensive systems analysis, sport specific physical fitness. Students must meet the California Community College Athletic Association eligibility requirements and pass a health screening prior to intercollegiate competition. May be repeated.</td>
<td>48992</td>
<td>2:20p-4:25p M Tu W Th F</td>
<td>Abbey T</td>
<td>SAC G-105 Full Semester</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES</strong></td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 107A, BEGINNING BADMINTON</strong></td>
<td>1.0 UNIT</td>
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<td>Instruction and practice includes the development of basic skills, techniques, and rules and strategies.</td>
<td>49037</td>
<td>8:40a-10:05a M W</td>
<td>Baquero J</td>
<td>SAC G-105 Full Semester</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 107B, INTERMEDIATE BADMINTON</strong></td>
<td>1.0 UNIT</td>
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<tr>
<td>This course is designed to review and study the techniques and tactics associated with the game of badminton. Instruction focuses on doubles play. Prerequisite: Kinesiology Activities 107B with a minimum grade of C.</td>
<td>49038</td>
<td>8:40a-10:05a M W</td>
<td>Baquero J</td>
<td>SAC G-105 Full Semester</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 123, PERSONAL FITNESS TRAINING</strong></td>
<td>1.0 UNIT</td>
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<td>Activity course designed to assist students in mastering effective lifestyles, and nutritional, cardiovascular, and resistance training techniques crucial for personal fitness and personal growth. Goal setting and motivation, time management, stress management, as well as development of an individual fitness routine and execution of that routine are the primary topics.</td>
<td>48953</td>
<td>Jones G</td>
<td>SAC WEB 02/05-04/01</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 150A, BEGINNING HATHA YOGA</strong></td>
<td>1.0 UNIT</td>
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<tr>
<td>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.</td>
<td>49270</td>
<td>7:00a-8:25s M W</td>
<td>Celis J</td>
<td>SAC-W-107 Full Semester</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 155A, BEGINNING SELF-DEFENSE</strong></td>
<td>1.0 UNIT</td>
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<td>Instruction in personal safety and self-protection including the effective use of hands, knees, elbows, feet, and the mind. Proficiency with everyday objects such as weapons and defense against common street weapons is also stressed.</td>
<td>49286</td>
<td>6:00p-9:10p Tu</td>
<td>Juliano R</td>
<td>SAC-W-111 Full Semester</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 170A, BEGINNING YOGA</strong></td>
<td>1.0 UNIT</td>
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<td>An exercise program involving postures to increase flexibility and core muscle strength as a way of improving and enhancing physical and mental alertness.</td>
<td>49004</td>
<td>8:40a-10:05a Tu Th</td>
<td>Baquero J</td>
<td>SAC-W-107 Full Semester</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 200A, BEGINNING INTRAMURAL-BASKETBALL</strong></td>
<td>1.0 UNIT</td>
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<td>This class is designed to introduce/better acquaint students to the game of basketball. Emphasis is placed on rules, techniques, safety, and improving performance.</td>
<td>49046</td>
<td>4:30p-7:30p M W</td>
<td>Luppani M</td>
<td>SAC-G-105 04/09-06/03</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 200B, INTERMEDIATE INTRAMURAL SPORTS-BASKETBALL</strong></td>
<td>1.0 UNIT</td>
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<td>This class is designed to provide students with an opportunity to participate and compete against classmates in the sport of basketball. Instruction focuses on improving performance in all aspects of the game of basketball: defense, offense, strategies, and special situations. Prerequisite: Kinesiology Activities 200A with a minimum grade of C.</td>
<td>49047</td>
<td>4:30p-7:30p M W</td>
<td>Luppani M</td>
<td>SAC-G-105 04/09-06/03</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 200C, ADVANCED INTRAMURAL BASKETBALL</strong></td>
<td>1.0 UNIT</td>
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<td>This class is designed to provide students with an opportunity to participate and compete against classmates in the sport of basketball. Instruction focuses on improving performance in all aspects of the game of basketball: advanced defense, advanced offense, advanced strategies, and special situations associated with the game of basketball. Prerequisite: Kinesiology Activities 200B with a minimum grade of C.</td>
<td>49048</td>
<td>4:30p-7:30p M W</td>
<td>Luppani M</td>
<td>SAC-G-105 04/09-06/03</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 220A, BEGINNING BASKETBALL</strong></td>
<td>1.0 UNIT</td>
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<td>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.</td>
<td>49043</td>
<td>2:35p-5:45p Tu Th</td>
<td>Breig D</td>
<td>SAC-G-105 04/09-06/03</td>
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<tr>
<td><strong>KINESIOLOGY ACTIVITIES 220B, INTERMEDIATE BASKETBALL</strong></td>
<td>1.0 UNIT</td>
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<td>Co-educational team sport activity which provides intermediate instruction in the techniques, tactics and strategies associated with competitive basketball. Special emphasis placed on individual drills and skills such as catching, dribbling, passing, shooting, offensive and defensive strategies are utilized as well as competitive play situations. Prerequisite: Kinesiology Activities 220A with a minimum grade of C.</td>
<td>49044</td>
<td>2:35p-5:45p Tu Th</td>
<td>Breig D</td>
<td>SAC-G-105 04/09-06/03</td>
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**Do You Like, Play or Watch Sports?**

**Kinesiology Professional 150, Sport and Society**

Online Class (No campus meetings)

*Learn the role sports play in our society.*

3 Units - Transferable course

Satisfies Plan Area D-2 & Plan B Area D-7A
KINESIOLOGY AEROBIC FITNESS 140A, BEGINNING WALKING/JOGGING FOR FITNESS 1.0 UNIT
This course will emphasize cardiovascular walking/jogging for health and fitness for men and women who are interested in instruction and practice in cardiovascular conditioning. The walking/jogging class is designed to decrease the risk of coronary heart disorders by increasing heart efficiency, vital lung capacity, and the knowledge of each through aerobic and anaerobic conditioning.
48908 8:40a-10:05a Tu Th Nutter K SAC G-103 Full Semester

KINESIOLOGY AEROBIC FITNESS 144A, BEGINNING CROSS TRAINING 1.0 UNIT
This class will be comprised of aerobic workouts designed to introduce the student to the concept of cross training and trying different work-outs. The class will be divided into sections including walking/jogging, step training, cardio boxing, weight training, and flexibility work-outs.
49888 10:15a-11:40a Tu Th Nutter K SAC G-107 Full Semester

KINESIOLOGY AEROBIC FITNESS 150A, BEGINNING STRETCH, FLEX AND TONE 1.0 UNIT
A combination of stretching and toning exercises to increase strength, flexibility, and overall body fitness.
49023 11:50a-1:15p M W Macdonald J SAC G-107 Full Semester

KINESIOLOGY AEROBIC FITNESS 156A, BEGINNING CARDIO KICKBOXING 1.0 UNIT
A series of boxing and kickboxing exercises are arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program. Kicks, punches, calisthenics, and rope jumping are combined to elevate heart rate and strengthen all major muscle groups. Students will learn to apply these self-defense techniques on kick pads and focus mitts to improve accuracy and provide resistance for the muscles.
49053 7:05a-8:30a Tu Th Soelberg T SAC W-107 Full Semester
49275 8:40a-10:05a M W Breig D SAC W-107 Full Semester
48917 6:10p-7:35p M W Howell A SAC W-107 Full Semester

KINESIOLOGY AEROBIC FITNESS 156B, INTERMEDIATE CARDIO KICKBOXING 1.0 UNIT
A series of boxing and kickboxing exercises are arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program. This class is designed to increase competence in kicking and punching, calisthenics, and rope jumping in various combinations to improve cardiovascular and intermediate self-defense techniques on kick pads and focus mitts to improve accuracy and provide resistance for the muscles.
49054 7:05a-8:30a Tu Th Soelberg T SAC W-107 Full Semester
49276 8:40a-10:05a M W Breig D SAC W-107 Full Semester
48918 6:10p-7:35p M W Howell A SAC W-107 Full Semester

KINESIOLOGY AQUATICS

KINESIOLOGY AQUATICS, BEGINNING SWIMMING 1.0 UNIT
Instruction and experience in the basic stroke techniques and safety procedures of swimming.
49049 8:40a-10:05a Tu Th Nilles T SAC G-121 Full Semester

KINESIOLOGY AQUATICS, LAP SWIMMING 1.0 UNIT
Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.
49050 8:40a-10:05a Tu Th Nilles T SAC G-121 Full Semester

KINESIOLOGY ADAPTED ACTIVITIES

KINESIOLOGY ADAPTED ACTIVITIES 211A, BEGINNING ADAPTED AQUATICS 1.0 UNIT
This course 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 intermediate level techniques for cardiovascular, balance, resistance, and core training. No swimming skills required. This course is offered as a half-unit or one-unit class and may not be repeated.
49590 10:15a-11:40a Tu Th Sos B SAC G-POOL Full Semester

KINESIOLOGY MEDICAL RELEASE FORM required.

KINESIOLOGY ADAPTED ACTIVITIES 211B, INTERMEDIATE ADAPTED AQUATICS 1.0 UNIT
This course is designed for students with disabilities and chronic conditions to increase their knowledge and skills competence in aquatic activities. In a group exercise setting, students are taught adaptive strategies and intermediate level techniques for cardiovascular, balance, resistance, and core training. No swimming skills required. This course is offered as a half-unit or one-unit class and may not be repeated.
Prerequisite: Kinesiology Adapted Activities 211A with a minimum grade of C and Adapted Kinesiology Medical Release Form required.
49597 10:15a-11:40a Tu Th Sos B SAC G-POOL Full Semester

KINESIOLOGY ADAPTED ACTIVITIES 265A, BEGINNING INDOOR SOCCER 1.0 UNIT
This course is a fast-moving, action filled form of soccer played in a smaller indoor area. It is designed to introduce and better acquaint students to the game of soccer. Emphasis is placed on rules, techniques, safety, and improving performance.
49051 8:00a-11:05a F Soelberg T SAC G-118 Full Semester
49041 10:15a-11:40a Tu Th Baquero J SAC G-118 Full Semester

KINESIOLOGY ADAPTED ACTIVITIES 265B, INTERMEDIATE SOCCER 1.0 UNIT
This course is designed to review and solidify techniques and tactics associated with the game of outdoor soccer. Instruction focuses on improving performance in all aspects of the game: defense, midfield, attack, and special situations.
49052 8:00a-11:05a F Soelberg T SAC G-118 Full Semester
49042 10:15a-11:40a Tu Th Baquero J SAC G-118 Full Semester

KINESIOLOGY ADAPTED ACTIVITIES 265A, BEGINNING INDOOR SOCCER 1.0 UNIT
This course is a fast-moving, action filled form of soccer played in a smaller indoor area. It is designed to introduce and better acquaint students to the game of soccer. Emphasis is placed on rules and techniques needed to best perform in the sport of soccer.
49039 10:15a-11:40a M W Baquero J SAC W-107 Full Semester
49987 1:25p-2:50p Tu Th Soelberg T SAC W-107 Full Semester

KINESIOLOGY ADAPTED ACTIVITIES 265B, INTERMEDIATE INDOOR SOCCER 1.0 UNIT
This course is a fast-moving, action filled form of soccer played in a smaller indoor area. It is designed to solidify skills and (team) tactics for students wanting to play the game of soccer.
49040 10:15a-11:40a M W Baquero J SAC W-107 Full Semester
49991 1:25p-2:50p Tu Th Soelberg T SAC W-107 Full Semester

KINESIOLOGY AEROBIC FITNESS 114A, BEGINNING CROSS TRAINING 1.0 UNIT
This class will be comprised of aerobic workouts designed to introduce the student to the concept of cross training and trying different work-outs. The class will be divided into sections including walking/jogging, step training, cardio boxing, weight training, and flexibility work-outs.

KINESIOLOGY AEROBIC FITNESS 115A, BEGINNING STRETCH, FLEX AND TONE 1.0 UNIT
A combination of stretching and toning exercises to increase strength, flexibility, and overall body fitness.
49023 11:50a-1:15p M W Macdonald J SAC W-107 Full Semester

KINESIOLOGY AEROBIC CARDIOFITNESS 116B, INTERMEDIATE INDOOR SOCCER 1.0 UNIT
Co-educational team sport activity for students with advanced skills. Review of basic fundamental skills and emphasis on advanced development of skills and strategies associated with competitive basketball.
Prerequisite: Kinesiology Activities 220B with a minimum grade of C.
49045 2:35p-3:55p Tu Th Breig D SAC G-105 04/09-06/03

KINESIOLOGY AEROBIC CARDIOFITNESS 260A, BEGINNING SOCCER 1.0 UNIT
This course is designed to introduce/better acquaint students to the game of outdoor soccer. Emphasis is placed on rules, techniques, safety, and improving performance.

KINESIOLOGY AEROBIC CARDIOFITNESS 260B, INTERMEDIATE SOCCER 1.0 UNIT
This course is designed to review and solidify techniques and tactics associated with the game of outdoor soccer. Instruction focuses on improving performance in all aspects of the game: defense, midfield, attack, and special situations.

KINESIOLOGY AEROBIC CARDIOFITNESS 140A, BEGINNING WALKING/JOGGING FOR FITNESS 1.0 UNIT
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<td>50698</td>
<td>6:10p-7:35p</td>
<td>M W</td>
<td>Jones G</td>
<td>SAC G-103</td>
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**KINESIOLOGY HEALTH EDUCATION**

**KINESIOLOGY HEALTH EDUCATION 101, HEALTHFUL LIVING** 3.0 UNITS
A comprehensive look at factors that impact a person's health, longevity and lifestyle wellness.

**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.

**KINESIOLOGY HEALTH EDUCATION 103, MEN'S HEALTH ISSUES** 3.0 UNITS
Examines the societal, economic, cultural, and gender influences that shape men's health beliefs and practices. Explores specific health issues unique to men such as accessing health care, healthy relationships, domestic abuse, prostate cancer, and alcohol use.

**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.

**FIRST AID**

In this class, students will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) will be granted upon successful completion of requirements.

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<td>48464</td>
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<td>02/05-04/01</td>
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<td>48465</td>
<td>10:15a-11:40a</td>
<td>Tu Th</td>
<td>Breig D</td>
<td>SAC WEB</td>
<td>04/09-06/03</td>
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**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.

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<td>49307</td>
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<td>49297</td>
<td>11:50a-1:15p</td>
<td>M W</td>
<td>Nilles T</td>
<td>SAC F-103</td>
<td>Full Semester</td>
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**KINESIOLOGY PROFESSIONAL 110, KINESIOLOGY-RELATED OCCUPATIONAL WORK EXPERIENCE** 1.0 - 8.0 UNITS
This work experience course consists of supervised paid or unpaid employment in an Athletic, Allied Health, or Fitness related setting. It is designed to assist students in acquiring desirable work habits, attitudes, and skills related to the student's educational major. Credit may be accrued at the rate of one to eight units per semester for a maximum of sixteen units. Seventy-five hours of paid work or sixty hours of unpaid work equals one unit of credit. Student repetition is allowed per title section 55253; however, only one unit may be applied toward major requirements or a certificate.

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<tr>
<td>49014</td>
<td>9:00a-9:50a</td>
<td>M W</td>
<td>Luppiani M</td>
<td>SAC WEB</td>
<td>Full Semester</td>
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**KINESIOLOGY PROFESSIONAL 125, SPORT PSYCHOLOGY** 3.0 UNITS
An academic and practical examination of the psychological aspects of sport concentrating on the scientifically proven methods of enhancing athletic performance through psychological training.

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<tr>
<td>49021</td>
<td>2:30p-4:40p</td>
<td>M W</td>
<td>Vasquez J</td>
<td>SAC F-103</td>
<td>04/05-05/30</td>
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</table>

**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.

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<td>M W</td>
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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.

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<tr>
<td>49020</td>
<td>9:00a-9:50a</td>
<td>M W</td>
<td>Luppiani M</td>
<td>SAC WEB</td>
<td>04/09-06/03</td>
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**KINESIOLOGY SPORTS MEDICINE 101, INTRODUCTION TO SPORTS MEDICINE** 3.0 UNITS
This course is designed to be an introduction to the field of sports medicine/athletic training. It includes exposure to basic human anatomy and common athletic injuries as well as appropriate injury management strategies.

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<tr>
<td>49343</td>
<td>7:05a-8:30a</td>
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<td>Cuebas J</td>
<td>SAC F-103</td>
<td>Full Semester</td>
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**LAW**

Pathway to Law School Orientation
All students considering going to law school should attend
Wednesday, January 31st from 6:00p-8:00p, Room A-130.

**LAW 058, LEGAL INTERPRETING AND TRANSLATION SPANISH/ENGLISH** 3.0 UNITS
A course in legal interpretation/translation designed for employment certification of interpreters for government and private legal businesses. Fluency in Spanish and English strongly recommended. Field trips may be required.

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<tr>
<td>46594</td>
<td>6:00p-9:10p</td>
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<td>Myers T</td>
<td>SAC A-222</td>
<td>Full Semester</td>
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### Law 100, Introduction to Legal Studies

**3.0 Units**
A study of the legal profession. A study of career opportunities and legal requirements to become a lawyer. A study of the ethics of the legal profession.

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<tr>
<td>49649</td>
<td>9:00a-3:30p</td>
<td>Sa</td>
<td>Williamson K</td>
<td>SAC A-205</td>
<td>04/14/06/02</td>
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<td>46481</td>
<td>10:15a-11:40a</td>
<td>M W</td>
<td>Robinson K</td>
<td>SAC A-226</td>
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<tr>
<td>46480</td>
<td>7:00p-10:05p</td>
<td>M</td>
<td>Smith K</td>
<td>SAC A-205</td>
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### Law 110, Legal Terminology

**2.0 Units**
The study of terminology used in a law office and the court system.

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<tr>
<td>46530</td>
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<td>Staff</td>
<td>SAC A-203</td>
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### Library & Information Studies

#### Library & Information Studies 100, Library Research Fundamentals

**1.0 Unit**
This course is designed to teach students basic college-level research skills for effective use of traditional and electronic library resources. Instruction includes print and non-print information sources such as reference books, scholarly material, online subscription databases, and the Internet.

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#### Library Technology 053, Library Internship

**3.0 Units**
Closely supervised fieldwork experiences in two carefully selected library settings that will allow the student to apply learned knowledge and skills. Weekly review seminars and discussions are conducted in the classroom and online. To be taken in the last semester of an A.A. Degree or Certificate in Library Technology.

<table>
<thead>
<tr>
<th>Prerequisite: Library Technology 101, 110, and 122 with a minimum grade of C.</th>
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#### Library Technology 054, Children’s Library Services

**3.0 Units**
Course explores standard library procedures and practices 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.

| 47722   | 6:00p-9:00p | W  | Lopez D | SAC L-112-1 | Full Semester |

### Library Technology Certificate and AA Degree

- Training for persons working in, or seeking to work in school, public, academic, or special libraries.
- Professional development coursework for library assistants, library technicians, or library media technicians.

For additional information visit our program web site: [sac.edu/studentservices/library/pages/liprogram.aspx](http://sac.edu/studentservices/library/pages/liprogram.aspx) or contact Stacy Russo, at russo_stacy@sac.edu or 714-564-6712.

### Manufacturing Technology

#### Manufacturing Technology 096, Manufacturing Technology Lab

**0.5 - 4.0 Units**
A supplemental learning assistance course that provides supervised use of laboratory equipment for students enrolled in CNC machine courses to complete machine setup and operation projects. Students are expected to complete 24 lab hours for each .5 unit of credit. May be repeated up to the maximum number of units.

<table>
<thead>
<tr>
<th>Corequisite: Manufacturing Technology 074 or Manufacturing Technology 076 or Manufacturing Technology 077 or Manufacturing Technology 084 or Manufacturing Technology 086 or Manufacturing Technology 094 or Manufacturing Technology 095.</th>
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### MANUFACTURING TECHNOLOGY 103, BEGINNING SOLID MODELING
3.0 UNITS
Introduction course in parametric solid modeling. This course will include a solid modeling overview, solid model construction techniques (extrude, revolve, fillet, chamfer, etc.), preparation of individual solid components and basic solid model assemblies.

- **W 49556**: 1:45p-4:55p W Buechler M SAC T-203 Full Semester
- **W 49559**: 7:00p-10:10p W Buechler M SAC T-203 Full Semester

### MANUFACTURING TECHNOLOGY 104, SOLIDWORKS INTERMEDIATE SOLID MODELING
3.0 UNITS
Intermediate course for solid modeling. Includes a review of the introductory class and changes to the Solidworks interface. Instruction in the use of intermediate Solidworks part modeling skills such as assembly modeling and sub-assemblies is included.

- **Prerequisite:** Manufacturing Technology 103 or Engineering 103 with a minimum grade of C.

### 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.

- **Prerequisite:** Manufacturing Technology 103 or Engineering 103 with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 111, BASIC MECHANICAL BLUEPRINT READING
2.0 UNITS
Reading and interpreting blueprints for manufacturing technologies.

- **49554**: 5:00p-7:05p F Bright T SAC R-126 Full Semester

### 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.

- **Prerequisite:** Manufacturing Technology 111 or Engineering 111 or Engineering 122 or Engineering 125, with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 115, QC INSPECTION
3.0 UNITS
Introductory course in Quality Control operations. Course includes dimensional inspection, completion of inspection reports, training and expectations for various quality inspector positions. As well as an introduction to various quality concepts that support inspection positions.

- **50119**: 6:30p-9:40p Tu Bedwell J SAC H-205 Full Semester

### MANUFACTURING TECHNOLOGY 121, QUALITY CONTROL FOR MEDICAL DEVICES
2.0 UNITS
The course goal is to teach students quality control elements to support the medical device industry. The course content will be applicable to the medical technology disciplines of manufacturing, engineering, welding, and biotechnology. Students will be taught the concepts and principles of quality control and gain knowledge of the relevant tools, models and techniques. The course provides “real world” applications and discussions of current and relevant topics of quality systems.

- **Prerequisites:** Manufacturing Technology 120 with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 126, BASIC METALS TECHNOLOGY
3.0 UNITS
Basic metals terminology and its application in modern industry. Involves metal classification systems, destructive metal testing, metal refining, and heat treatment of various metals with resulting strength and structural changes.

- **49598**: 7:00p-10:10p Th Bedwell J SAC F-103 Full Semester

### MANUFACTURING TECHNOLOGY 130A, CATIA BEGINNING SOLID MODELING
3.0 UNITS
Introductory course in parametric solid modeling CAD using CATIA software. Topics include: CAD overview, sketching, basic solid model creation (base features, pads, pockets, grooves, shafts, etc.), sketch constraints, reference elements, hole features, feature editing, assembly and drawing creation.

- **W 49655**: 9:00a-12:10p Sa Gotschall B SAC A-225 Full Semester

### MANUFACTURING TECHNOLOGY 130B, CATIA INTERMEDIATE SOLID MODELING
3.0 UNITS
Intermediate course in parametric solid modeling CAD using CATIA software. Topics: intermediate/advanced level sketching and modeling (sweeps, ribs, slots), feature transformation, assemblies, drafting workbench, surface modeling, and other CATIA modules.

- **Recommended Preparation:** Manufacturing Technology 130A with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 153, TECHNICAL MATHEMATICS
3.0 UNITS
Ratios and proportions, formulas, measurements (linear, surface, and volume), geometric construction, and right triangles. Basics of algebra, geometry, and trigonometry for the manufacturing industry.

- **Prerequisite:** Mathematics N48 with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 157, BASIC MACHINE 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 machining trade.

- **Recommended Preparation:** Recommended Manufacturing Technology 011 with a minimum grade of C or concurrent enrollment.

### MANUFACTURING TECHNOLOGY 159, 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 such as diameter turning and boring, external and internal single point thread.

- **Prerequisite:** Manufacturing Technology 158 or Manufacturing Technology 188 or Engineering 158 with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 168, 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. Includes operations with the offset boring head and rotary table.

- **Prerequisite:** Manufacturing Technology 158 with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 169, JOB SHOP SKILLS
0.5 - 3.0 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 159 and 168 with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 171, 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:** Manufacturing Technology 158 with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 174, CNC MILLING CENTER SET UP AND OPERATION
3.0 UNITS
Basic setup and operation of numerically controlled milling machines. Students will set up and operate a 3 axis CNC milling machine. Requires enrollment in 1.5 hours of scheduled lab for .5 unit. Labs are scheduled at the first class meeting.

- **Prerequisite:** Manufacturing Technology 158 and 171 with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 175, MASTERCAM - 3D GEOMETRY, 3D SURFACES
3.0 UNITS
Continued instruction of computer assisted numerical control programming. Advanced concepts and methods of creating 3D geometry and 3D surfaces using Mastercam 3D software.

- **Prerequisite:** Manufacturing Technology 173 with a minimum grade of C.

### MANUFACTURING TECHNOLOGY 176, CNC TURNING CENTER SET UP AND OPERATION
3.0 UNITS
Setup and operation of numerically controlled lathe with emphasis on the application of the Fanuc controlled machine and CNC machining methods used in industry. Requires enrollment in 1.5 hours of scheduled lab for .5 unit. Labs are scheduled at the first class meeting.

- **Prerequisite:** Manufacturing Technology 158 and 171 with a minimum grade of C.
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<tr>
<td>MANUFACTURING TECHNOLOGY 177, MASTERCAM - 3D TOOLPATH AND CAM APPLICATIONS</td>
<td>3.0 UNITS</td>
<td>Advanced concepts in the manufacturing of machine parts using MASTERCAM software and CNC machining centers. Emphasis placed on programming and machining 3 dimensional surfaces. Problem solving in roughing, finishing, fixtureing, and machining of a variety of part configurations.</td>
<td>49649</td>
<td>6:00p-9:10p F</td>
<td>Singh N SAC T-203-1 Full Semester</td>
</tr>
<tr>
<td>MANUFACTURING TECHNOLOGY 184, ADVANCED CNC MILL SET UP AND OPERATION</td>
<td>3.0 UNITS</td>
<td>Advanced set-up and operation of CNC Machining Center. Student will learn the advanced concepts in set up and operation of the state-of-the-art milling equipment. Course curriculum will include instruction on boring cycles, reaming cycle, thread milling, 4th AXIS rotary table, and multiple fixture offsets. Requires enrollment in 1.5 hours of scheduled lab per week for .5 unit. Lab hours are scheduled at the first class meeting.</td>
<td>49651</td>
<td>7:00p-10:10p Th</td>
<td>Singh N SAC H-207 Full Semester</td>
</tr>
<tr>
<td>MANUFACTURING TECHNOLOGY 195, MASTERCAM 5 AXIS TOOLPATH AND APPLICATION</td>
<td>3.0 UNITS</td>
<td>Students will use Mastercam Software and Blade Expert to create various Multi Axis Toolpaths. Course includes programming, setup and operation of a 5-Axis DMU-50 milling machine with Siemens CNC control to complete various student's group projects.</td>
<td>49653</td>
<td>6:30p-9:40p W</td>
<td>Singh N SAC T-203-1 Full Semester</td>
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**Mathematics**

**Mathematics N60, Essential Mathematics**

- 4.0 UNITS
- Reviews whole numbers, fractions, decimals, percents, geometric formulas and signed numbers.
- Not applicable to associate degree.
- Prerequisite: Must obtain a score of 11 or higher on the Level 1 Mathematics Placement Test.

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<td>Zeller M</td>
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**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, and algebraic operations. This course is intended to be a bridge from basic arithmetic to elementary algebra. Not applicable to associate degree.
- Prerequisite: Mathematics N05C with a minimum grade of P or Mathematics N06 with a minimum grade of C or placement into Mathematics N48 on the Mathematics Level 1 Exam and a course equivalent to Mathematics N05 or Mathematics N06.

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<td>Mahony J</td>
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**Mathematics 083, Beginning and Intermediate Algebra for Liberal Arts and Social Science**

- 6.0 UNITS
- A combined course in algebra that includes systems of equations, inequalities, graphs and functions, radicals, quadratic polynomials, rational expressions, exponential and logarithmic functions, and problem solving aimed specifically at liberal arts and social science majors.
- Prerequisite: Mathematics N48 with a minimum grade of C; or a sufficient score on the Mathematics Level 2 Placement Exam and a course equivalent to Mathematics N48 or 060.

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**Marketing Program Orientation**

All students considering Marketing as a field of study or career should attend

**Wednesday, January 31st from 6:00p–8:00p, Room A-209**

**MARKETING 111, PRINCIPLES OF RETAILING**

- 3.0 UNITS
- Overview of the retail industry. Structure, scope, and evolution of retail institutions; retail decision making is emphasized in relation to the following topics: organization and store management; merchandise assortment, pricing, and layout; identifying markets; and advertising, promotion, and sales.
- Shweiri G SAC WEB Full Semester

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<td>Shweiri G</td>
<td>SAC WEB</td>
<td>Full Semester</td>
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**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.
- P Kowsari A SAC A-205 Full Semester

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**WORKING IN RETAIL? WANT A PROMOTION?**

Earn an Accredited Retail Management Certificate.

25 units required and all classes are offered this semester.

**GET STARTED NOW!**

Mktg 111 – Principles of Retailing – Online

Questions? Contact

txhrigabriel@Sac.edu
doolittle_glenn@Sac.edu

kowsari_ali@Sac.edu
From the given text, we can extract details about a course: "THEMATICS 084, BEGINNING AND INTERMEDIATE ALGEBRA". Here is a structured representation of the information:

**Course Title:** THEMATICS 084, BEGINNING AND INTERMEDIATE ALGEBRA

**Prerequisites:**
- Mathematics N48 with a minimum grade of C; or a sufficient score on the
- Mathematics 140 or Mathematics 145 with a minimum grade of C;
- Mathematics 080 or Mathematics 081 with a minimum grade of C or equivalent skills as measured by the Arithmetic Level 3 Exam and a course equivalent to Mathematics 080 or Mathematics 081.

**Instructor:**
- Jaqueline Zarske
- Joseph Lechuga
- Daniel Elton
- Mayla Bourouis-Benyassine
- Audrey Sweeney
- Genaro C. Zarske
- Jocelyn Staff
- Amanda Mishal
- Tina elton

**Materials:**
- There is no additional textbook cost.
- There is only a $5 material fee.

**Location and Times:**

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<tr>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>Tu Th</td>
<td>Smith S</td>
<td>SAC H-107</td>
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<td>Tu Th</td>
<td>Everett M</td>
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**Additional Information:**
- Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials.
- There is only a $5 material fee. There is no additional textbook cost.

**Notes:**
- Available for Online Degree Pathway students.
- Online Instruction with on-campus exams: Fri. 3/9, 4/13, 5/18 and 6/1, 4:00p-6:00p, SAC L-107 and weeks 7 and 13 in the Assessment Center. More details on Canvas.

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**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 Mathematics 081 or Mathematics 083 with a minimum grade of C or equivalent skills as measured by the Arithmetic Level 3 Exam and a course equivalent to Mathematics 080 or Mathematics 081.

---

**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 Mathematics 081 or Mathematics 084 with a minimum grade of C or better or equivalent skills as measured by the Mathematics Level 3 Exam and a course equivalent to Mathematics 080 or Mathematics 081.

---

**Mathematics 084, Beginning and Intermediate Algebra 6.0 Units**

A combined course in algebra that includes systems of equations; inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions; and problem solving.

Prerequisite: Mathematics N48 with a minimum grade of C; or a sufficient score on the Mathematics Level 2 Placement Exam and a course equivalent to Mathematics N48 or Mathematics 060.

THEMATICS 180, ANALYTIC GEOMETRY AND CALCULUS I
4.0 UNITS

Angles and their measurement, trigonometric 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: Mathematics 070 and Mathematics 080 or Mathematics 081 or Mathematics 084 with a minimum grade of C; or placement in Mathematics Level 3 Exam and courses equivalent to Mathematics 070 and Mathematics 080 or Mathematics 081 or Mathematics 084.

48072 McKowan-Bourguignon L SAC WEB Full Semester
Section 48072 Online instruction plus on-campus exam meetings: Friday 2/23 and 6/1, 8:00a-10:05a SAC H-105, and week 7 and 13 in the Assessment Center.

Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

48065 8:00a-10:05a M W Sweeney G SAC I-203 Full Semester
48067 8:00a-10:05a W Sill K SAC I-203 Full Semester
48070 12:30p-2:35p M W Steinberg L SAC L-203 Full Semester
48071 10:15a-12:20p M W Powers R SAC I-203 Full Semester
48074 8:00a-10:05a M W Sweeney G SAC I-203 Full Semester
48087 10:15a-12:20p M W Powers R SAC I-203 Full Semester
48076 5:00p-7:05p M W Meier K SAC R-110 Full Semester
48068 6:00p-8:05p Tu Th Staff SAC R-110 Full Semester
48073 8:00a-10:05a M W Sweeney G SAC I-203 Full Semester
48075 12:30p-2:35p Tu Th Powers R SAC R-110 Full Semester
48077 7:15p-9:20p Tu Th Staff SAC H-107 Full Semester

Section 48072 is linked with Counseling 116, Career/Life Planning & Personal Exploration, section 47200. Enrollment in both sections is mandatory. Please see the Freshman Experience Program page in the class schedule for more information. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

Mathematics 160 with a minimum grade of C or equivalent skills as measured by the Math Level 3 Exam and courses equivalent to Mathematics 080 or 081 or Mathematics 083.

48070 12:30p-2:35p Tu Th McKowan-Bourguignon L SAC I-203 Full Semester
Section 48066 is linked with Counseling 116, Career/Life Planning & Personal Exploration, section 47190. Enrollment in both sections is mandatory. Please see the Freshman Experience Program page in the class schedule for more information. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

48085 Bradley K SAC WEB Full Semester
Section 48085 Online instruction plus on-campus exam meetings: Friday 2/23 and 6/1, elee 4:00p-6:00p SAC H-105, and weeks 7 and 13 in the Assessment Center.

Students are required to log on to Canvas and read course documents no later than 02/05/2018: http://rsccd.instructure.com

Mathematics 160 with a minimum grade of C or equivalent skills as measured by the Math Level 3 Exam and courses equivalent to Mathematics 070 and Mathematics 080 or Mathematics 081 or Mathematics 084. Prerequisite: Mathematics 160 with a minimum grade of C or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080 or 081 or Mathematics 083.

48066 10:15a-12:20p Tu Th McKowan-Bourguignon L SAC I-203 Full Semester
Section 48066 is linked with Counseling 116, Career/Life Planning & Personal Exploration, section 47190. Enrollment in both sections is mandatory. Please see the Freshman Experience Program page in the class schedule for more information. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

48065 8:00a-10:05a M W Staff SAC R-126 Full Semester
48069 10:15a-12:20p M W Oh S SAC H-105 Full Semester
48067 2:45p-4:50p Tu Th Oh S SAC R-114 Full Semester
48068 6:00p-8:05p Tu Th Staff SAC R-114 Full Semester

Mathematics 160 with a minimum grade of C or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080 or 081 or Mathematics 083.

48091 8:00a-10:05a M W Youssef M SAC H-104 Full Semester
48094 10:15a-12:20p Tu Th Ro K SAC R-318 Full Semester
48291 2:45p-4:50p Tu Th Still K SAC H-105 Full Semester
48090 6:00p-8:05p M W Ro K SAC I-203 Full Semester

The SLAM Pathway is designed for students who will take Statistics or Liberal Arts Math, or who plan to teach in elementary schools.

The BSTEM pathway is designed for students planning to major in Business, Science, Technology, Engineering and Math.

Note: Where a student places in the sequence will depend upon previous math background and placement 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 083/084 to ensure enrollment in the most appropriate sequence.

MATH 160, TRIGONOMETRY
4.0 UNITS

Study of rational, trigonometric, exponential and logarithmic functions, and analytic geometry. Preparation for Mathematics 180. Prerequisite: Mathematics 160 with a minimum grade of C or equivalent skills as measured by the Mathematics Level 4 Exam and a course equivalent to Mathematics 160.

48091 8:00a-10:05a M W Youssef M SAC H-104 Full Semester
48094 10:15a-12:20p Tu Th Ro K SAC R-318 Full Semester
48291 2:45p-4:50p Tu Th Still K SAC H-105 Full Semester
48090 6:00p-8:05p M W Ro K SAC I-203 Full Semester

MATH 170, PRE-CALCULUS MATHEMATICS
4.0 UNITS

Advanced algebraic topics. Study of rational, trigonometric, exponential and logarithmic functions, and analytic geometry. Preparation for Mathematics 180. Prerequisite: Mathematics 160 with a minimum grade of C or equivalent skills as measured by the Mathematics Level 4 Exam and a course equivalent to Mathematics 160.

48065 8:00a-10:05a M W Sweeney G SAC I-203 Full Semester
48067 8:00a-10:05a W Sill K SAC I-203 Full Semester
48076 5:00p-7:05p M W Meier K SAC R-110 Full Semester
48087 10:15a-1:25p M W Powers R SAC I-203 Full Semester
48068 6:00p-8:05p Tu Th Staff SAC R-114 Full Semester
48069 10:15a-12:20p M W Oh S SAC H-105 Full Semester

Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

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 083/084 to ensure enrollment in the most appropriate sequence.

MATH 180, SINGLE VARIABLE CALCULUS II
4.0 UNITS

Applications of integrals, including volumes, work, arc length, and surface area. Integration techniques, differential equations, conics, parametric equations, polar coordinates, improper integrals, sequences, and infinite series. Prerequisite: Mathematics 180/180H with a minimum grade of C.

48091 8:00a-10:05a M W Youssef M SAC H-104 Full Semester
48094 10:15a-12:20p Tu Th Ro K SAC R-318 Full Semester
48291 2:45p-4:50p Tu Th Still K SAC H-105 Full Semester
48090 6:00p-8:05p M W Ro K SAC I-203 Full Semester

MATH 204, MATHEMATICAL CONCEPTS FOR ELEMENTARY SCHOOL TEACHERS
4.0 UNITS

Designed for prospective elementary teachers, the course emphasizes problem solving techniques and mathematical structure associated with numeration, set theory, elementary number theory, real number system, ratio, proportion, and percent. The course includes instructional delivery design and activity-based explorations. Prerequisite: Mathematics 080 or Mathematics 081 or Mathematics 083 with a minimum grade of C or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080 or 081 or 083.

48095 8:00a-10:05a M W Romero M SAC H-109 Full Semester
48098 6:00p-8:05p M W Pilz L SAC H-105 Full Semester
48097 7:45p-9:50p Tu Th Giddings-Agletto JSAC H-109 Full Semester
### Future Teachers

**Hybrid Classes**

- Online Classes
- Weekend Classes
- Honors Courses

#### THEMATICS 280, INTERMEDIATE CALCULUS

- Course Code: MATHEMATICS 280
- Title: Intermediate Calculus
- Description: Multiple integrals. Vector calculus, Green's Theorem, Stoke's Theorem, and the Divergence Theorem.
- Prerequisite: Mathematics 280 or Mathematics 083 with a minimum grade of C or placement into Mathematics 219 on the Mathematics Level 3 placement exam and a course equivalent to Mathematics 080, Mathematics 081, or Mathematics 083.

#### THEMATICS 219, STATISTICS AND PROBABILITY

- Course Code: MATHEMATICS 219
- Title: Statistics and Probability
- Description: Topics include matrices, determinants, vector spaces, linear systems of equations, linear product spaces, first and second order differential equations, systems of differential equations, and the Laplace transform.
- Prerequisite: Mathematics 280 with a minimum grade of C.

### MEDICAL ASSISTANT

#### MEDICAL ASSISTANT 001, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL

- Course Code: MEDICAL ASSISTANT 001
- Title: Cooperative Work Experience Education - Occupational
- Description: 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.
- Prerequisite: Medical Assistant 051A and Medical Assistant 055 with a minimum grade of C.

#### MEDICAL ASSISTANT 015A, BEGINNING MEDICAL TERMINOLOGY

- Course Code: MEDICAL ASSISTANT 015A
- Title: Beginning Medical Terminology
- Description: This course will develop skills and tools for understanding and performing quantitative research in healthcare sciences. The focus of the course will be on statistical research methods prevalent in healthcare sciences: including principles of experimental design, appropriate sampling, and running quantitative tests to determine the validity of claims.
- Prerequisite: Limitation on enrollment: Student must be admitted to the Occupational Studies program Mathematics 219 or Mathematics 219H or Psychology 210 with a minimum grade of C.

### MEDICAL ASSISTANT 051A, ADVANCED MEDICAL TERMINOLOGY

- Course Code: MEDICAL ASSISTANT 051A
- Title: Advanced Medical Terminology
- Description: Continuation of MA 051A. Includes medical 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.
- Prerequisite: Medical Assistant 051A with a minimum grade of C.

#### MEDICAL ASSISTANT 052, BLOODBORNE AND AIRBORNE PATHOGENS STANDARDS

- Course Code: MEDICAL ASSISTANT 052
- Title: Bloodborne and Airborne Pathogens Standards
- Description: Presentation of California Occupational Safety and Health Act (Cal-OSHA) Bloodborne and Airborne Pathogens 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.

#### MEDICAL ASSISTANT 054, MEDICAL INSURANCE AND BILLING FORMS

- Course Code: MEDICAL ASSISTANT 054
- Title: Medical Insurance and Billing Forms
- Description: Instruction in the rules, regulations, and completion of medical insurance forms for Medicare, Medi-Cal, Tricare, Med-Medi, State Disability, Worker’s Compensation, and private commercial insurance carriers. Includes legal and ethical guidelines, and instruction in procedure coding using current procedural terminology and ICD-9-CM.
- Prerequisite: Medical Assistant 051A with a minimum grade of C.
MEDICAL ASSISTANT PROGRAM

Certificate Program (15 units) Required Courses:
MA 051A, MA 051B, MA 053, MA 054, MA 055
(Electives: MA 001, MA 020, MA 056)

MEDICAL ASSISTANT 055, MEDICAL ASSISTANT - CLINICAL BACK OFFICE 3.0 UNITS
Medical back office with emphasis on assepsis, 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.

MUSIC 009D 2:15p-5:25p Tu Emley C SAC R-307 Full Semester
54929

MUSIC 009C, MEDICAL ASSISTANT 055, MEDICAL ASSISTANT - CLINICAL BACK OFFICE 3.0 UNITS
This phlebotomy course is designed for health care workers and provides a comprehensive introduction to the practice of phlebotomy, with focus on safety procedures, equipment and point-of-care testing.

MEDICAL ASSISTANT 098, PHLEBOTOMY 1.0 UNIT
This phlebotomy course is designed for health care workers and provides a comprehensive introduction to the practice of phlebotomy, with focus on safety procedures, equipment and point-of-care testing.

49144 9:00a-3:00p Sa Emley C SAC R-307 Full Semester
Section 49144 Online instruction plus on-campus lab meeting dates of only 3/24 and 3/31 from 9:00a-3:00p. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com.

49167 9:00a-3:00p Sa Emley C SAC R-307 Full Semester
Section 49167 Online instruction plus on-campus lab meeting dates of only 5/19 and 5/26 from 9:00a-3:00p. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com.

MUSIC 090A, MUSIC LABORATORY 0.3 UNIT
Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Progression, and keyboard harmony. Required for music majors; open to non-majors.

MUSIC 090B, MUSIC LABORATORY II 0.3 UNIT
Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. More advanced beginning level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.

MUSIC 090C, MUSIC LABORATORY III 0.3 UNIT
Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Intermediate level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.

MUSIC 090D, MUSIC LABORATORY IV 0.3 UNIT
Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Advanced level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.

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.

46644 04/09-06/03 Section 46644 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

46622 02/05-04/01 Section 46622 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

46614 8:40a-10:05a M W Kim J SAC N-117 Full Semester
Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

46616 10:15a-11:40a M W Lee S SAC C-104 Full Semester
Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

46615 10:15a-11:40a Tu Th Jin J SAC C-104 Full Semester
Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

46618 6:35p-9:40p Th Hung G SAC C-104 Full Semester
Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

MUSIC 102, WORLD MUSIC 3.0 UNITS
Music from the Far East, Southeast Asia, Africa, the Middle East, Europe and the Americas. Students are guided to enjoy and to understand music from diverse cultures. Investigation of the interconnections of culture, aesthetics, and musical styles. Concert attendance and assigned listening required.

46648 8:40a-10:05a M W Marr J SAC N-114 Full Semester

MUSIC 103, JAZZ IN AMERICA 3.0 UNITS
A historical survey of the development and evolution of jazz in America from its earliest roots in African and European music. The study will also include the social and economic conditions which influenced this art form.

46651 04/09-06/03 Section 46651 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

49547 04/09-06/03 Section 49547 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

46675 02/05-04/01 Section 46675 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com. Instructor has elected to use Open Educational Resources for this course and will provide a link to your course materials. There is only a $5 material fee. There is no additional textbook cost.

46660 1:25p-2:50p M W Briones M SAC N-114 Full Semester

MUSIC 104, ROCK MUSIC HISTORY AND APPRECIATION 3.0 UNITS
Historical survey of rock music from its beginnings in the 50's to the present. Major rock and pop styles will be discussed. Personalities and musical styles will be related to the social, political, and cultural context of the time.

47146 10:15a-11:40a Tu Th Wachs M SAC N-117 Full Semester
47148 6:35p-9:40p M Bush N SAC A-210 Full Semester

MUSIC 109, READING AND MAKING MUSIC 2.0 UNITS
Introduction to music reading. Practical experience in learning how to perform melodies, rhythms, and simple chords from a written score. Recommended for beginning instrumental and vocal students, and those preparing for music theory.

47149 3:00p-5:05p M Jin J SAC N-106 Full Semester

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.

47150 10:15a-12:20p M W Marr J SAC N-114 Full Semester
1 hour each week lab time required

47311 6:05p-10:15p Th Jones J SAC N-114 Full Semester
1 hour each week lab time required

MUSIC 112, MUSIC THEORY AND MUSICIANSHIP II 4.0 UNITS
Continued study of harmony and ear training. Includes writing phrases and cadences, non-harmonic tones, harmonization, voice leading, melodic construction, figured bass, chord progression, and keyboard harmony. Required for music majors; open to non-majors.

47312 6:00p-10:10p Th Marr J SAC N-117 Full Semester
1 hour each week lab time required.
**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.

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**Instrumental & Vocal Ensembles at SAC**

**Concert Choir, Music 135**

**Chamber Choir, Music 137**

**Concert Band, Music 171**

**The Jazz Ensemble, Music 175**

**‘Don’ Mariachi, Music 178**

**Chamber Orchestra, Music 181**

**Guitar Ensemble, Music 189**

For more information on instrumental classes contact:

Michael Briones, 714-564-5652  |  briones_michael@sac.edu

For choirs contact:

Elliott Jones, 714-564-5656  |  jones_elliott@sac.edu

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**MUSIC 113A, BASIC MUSICIANSHIP SKILLS**  
1.0 UNIT

Ear training and in-class sight-singing preparation for students not ready for Music 114A. Arranged hours in Music Lab for computer programs and ear training CD’s. Basic knowledge of scales and intervals recommended.

47315 5:00p-5:50p Th  Marr J  SAC N-105  Full Semester

**MUSIC 113B, MUSICIANSHIP SKILLS**  
1.0 UNIT

Continued ear training and in-class sight-singing preparation for students not ready for Music 114A. Arranged hours in Music Lab for computer programs and ear training CD’s. Basic knowledge of scales and intervals recommended.

Prerequisite: Music 113A with a minimum grade of C.

47316 5:00p-5:50p Th  Marr J  SAC N-105  Full Semester

1 hour each week lab time required.

**MUSIC 114A, MUSICIANSHIP**  
1.0 UNIT

Competition-based sight-singing, rhythm, ear training, and dictation (melodic/harmonic) for performers and transferring music majors. Ear training software in the Music Lab is used for aural exercises.

Prerequisite: Music 112 with a minimum grade of C.

47317 6:00p-6:50p Th  Kehlenbach E  SAC N-105  Full Semester

2 hours each week lab time required.

**MUSIC 114B, MUSICIANSHIP**  
1.0 UNIT

Competition-based sight-singing, rhythm, ear training, and dictation (melodic/harmonic) for performers and transferring music majors. Ear training software in the Music Lab is used for aural exercises. B semester uses more advanced materials.

Prerequisite: Music 114A with a minimum grade of C.

47319 6:00p-6:50p Th  Kehlenbach E  SAC N-105  Full Semester

2 hours each week lab time required.

**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.

Open Entry / Open Exit

47321  TBA  Briones M  SAC C-104  Full Semester

New students interested in Applied Music instruction should attend the orientation meeting Tues. February 6, 5:00p-6:00p, SAC 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/orchestral instrument, or classical guitar, covering more advanced repertoire than Music 115A. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course.

Open Entry / Open Exit

47322  TBA  Briones M  SAC C-104  Full Semester

New students interested in Applied Music instruction should attend the orientation meeting Tues. February 6, 5:00p-6:00p, SAC 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/orchestral instrument, or classical guitar, covering more advanced repertoire than Music 115B. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course.

Open Entry / Open Exit

47323  TBA  Briones M  SAC C-104  Full Semester

New students interested in Applied Music instruction should attend the orientation meeting Tues. February 6, 5:00p-6:00p, SAC 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/orchestral instrument, or classical guitar, covering more advanced repertoire than Music 115C. 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.

Open Entry / Open Exit

47324  TBA  Briones M  SAC C-104  Full Semester

New students interested in Applied Music instruction should attend the orientation meeting Tues. February 6, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed. For more info call 714-564-5655.

**MUSIC 121, BEGINNING VOICE**  
1.0 UNIT

Group instruction designed to develop basic principles of solo and choral voice production, diction, breath control, and posture. Practice outside of class required. Recommended for non-music majors and for music majors not studying privately.

47330 12:00p-12:50p M  Jones E  SAC N-117  Full Semester

47331 12:00p-12:50p W  Jones E  SAC N-117  Full Semester

47332 5:00p-5:55p Tu  Jones E  SAC N-117  Full Semester

6:00p-6:55p Tu  Jones E  SAC N-117

**MUSIC 122, INTERMEDIATE VOICE**  
1.0 UNIT

Group instruction designed to develop intermediate principles of solo and choral voice production, diction, breath control, and posture. Vocal analysis of each student emphasized. Practice outside of class required. Song literature matched to student level. Designed for both music majors and non-music majors.

Prerequisite: Music 121 with a minimum grade of C.

47333 12:00p-12:50p M  Jones E  SAC N-117  Full Semester

12:00p-12:50p W  Jones E  SAC N-117

47334 5:00p-5:55p Tu  Jones E  SAC N-117  Full Semester

6:00p-6:55p Tu  Jones E  SAC N-117

**MUSIC 123, ADVANCED VOICE**  
1.0 UNIT

Group instruction designed to present advanced vocal exercises for solo and choral vocal production. Instruction includes song literature in English and several foreign languages. Practice outside of class required. Designed for both music majors and non-music majors.

Prerequisite: Music 122 with a minimum grade of C.

47335 12:00p-12:50p M  Jones E  SAC N-117  Full Semester

12:00p-12:50p W  Jones E  SAC N-117

47336 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 through a variety of vocalize styles and techniques. Instruction includes advanced English and foreign language song literature. Practice outside of class required. Designed for both music majors and non-music majors.

Prerequisite: Music 123 with a minimum grade of C.

47337 12:00p-12:50p M  Jones E  SAC N-117  Full Semester

12:00p-12:50p W  Jones E  SAC N-117

47338 5:00p-5:55p Tu  Jones E  SAC N-117  Full Semester

6:00p-6:55p Tu  Jones E  SAC N-117

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For further information on music classes contact:

Elliott Jones, 714-564-5656  |  jones_elliott@sac.edu
### MUSIC 161, CLASS PIANO II
Group instruction for those possessing basic piano skills, but still classified as beginners. Emphasizes note reading, keyboard technique, chord patterns, and sight-reading. Daily practice required. Practice pianos available on campus. Required for music majors whose principal instrument is not piano.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
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<tbody>
<tr>
<td>47553</td>
<td>11:50a-12:40p</td>
<td>Tu</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
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<tr>
<td>47472</td>
<td>6:00p-7:00p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
<tr>
<td></td>
<td>7:00p-8:05p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

Prerequisite: Music 161 with a minimum grade of C.

### MUSIC 163, CLASS PIANO III
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
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</thead>
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<tr>
<td>47554</td>
<td>12:20p-1:10p</td>
<td>Tu</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
<tr>
<td>12:20p-1:10p</td>
<td>Th</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
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</tr>
<tr>
<td>47429</td>
<td>7:00p-7:55p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
<tr>
<td></td>
<td>8:00p-9:05p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

Prerequisite: Music 162 with a minimum grade of C.

### MUSIC 164A, INTERMEDIATE PIANO REPERTOIRE I

<table>
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<tr>
<th>Course</th>
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<th>Days</th>
<th>Instructor</th>
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<th>Dates</th>
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<tr>
<td>12:20p-1:10p</td>
<td>Th</td>
<td>Jin J</td>
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<td></td>
</tr>
<tr>
<td>47431</td>
<td>7:00p-7:55p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
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<td></td>
<td>8:00p-9:05p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

Prerequisite: Music 163 with a minimum grade of C.

### MUSIC 164B, INTERMEDIATE PIANO REPERTOIRE II
Continuation of instruction for advanced intermediate level students. Emphasizes solo material, technique, sight-reading, and performance. Daily practice required. Practice pianos available on campus.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
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<td>47557</td>
<td>12:20p-1:10p</td>
<td>Tu</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
<tr>
<td>12:20p-1:10p</td>
<td>Th</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
<td></td>
</tr>
<tr>
<td>47452</td>
<td>7:00p-7:55p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
<tr>
<td></td>
<td>8:00p-9:05p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

### MUSIC 168, STYLISTIC INTERPRETATION OF PIANO REPERTOIRE
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>47556</td>
<td>12:20p-1:10p</td>
<td>Tu</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
<tr>
<td>12:20p-1:10p</td>
<td>Th</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
<td></td>
</tr>
<tr>
<td>47456</td>
<td>7:00p-7:55p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
<tr>
<td></td>
<td>8:00p-9:05p</td>
<td>W</td>
<td>Jin J</td>
<td>SAC N-106</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

### MUSIC 171, CONCERT BAND
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>47640</td>
<td>6:30p-10:00p</td>
<td>W</td>
<td>Briones M</td>
<td>SAC N-117</td>
<td>02/14-05/30</td>
</tr>
</tbody>
</table>

### MUSIC 175, JAZZ ENSEMBLE
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>47643</td>
<td>6:30p-10:20p</td>
<td>M</td>
<td>Briones M</td>
<td>SAC N-114</td>
<td>02/12-05/21</td>
</tr>
</tbody>
</table>

### MUSIC 176, JAZZ BAND
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>47645</td>
<td>6:30p-10:20p</td>
<td>M</td>
<td>Briones M</td>
<td>SAC N-114</td>
<td>02/12-05/21</td>
</tr>
</tbody>
</table>

### MUSIC 178, MARIACHI
Mixed ensemble for the study, rehearsal, and performance of Mariachi repertoire with an emphasis on the music from Jalisco. Each semester requires the performance of different repertoire. Designed for students who have basic performance skills.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>47704</td>
<td>2:00p-6:00p</td>
<td>Th</td>
<td>Viramontes E</td>
<td>SAC N-117</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

### MUSIC 180A, STRING METHODS
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>47708</td>
<td>6:30p-7:25p</td>
<td>Tu</td>
<td>Gilbert B</td>
<td>SAC N-114</td>
<td>02/13-05/29</td>
</tr>
<tr>
<td></td>
<td>7:30p-8:35p</td>
<td>Tu</td>
<td>Gilbert B</td>
<td>SAC N-114</td>
<td>02/13-05/29</td>
</tr>
<tr>
<td>SECTION</td>
<td>TIME</td>
<td>DAYS</td>
<td>INSTRUCTOR</td>
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</tr>
<tr>
<td>MUSIC 180B, INTERMEDIATE STRING METHODS</td>
<td>1.0 UNIT</td>
<td>Intermediate instruction on violin, viola, cello, or string bass. Skills developed through in-class rehearsal and performance of intermediate technical exercises and orchestral repertoire. Prerequisite: Music 180A with a minimum grade of C.</td>
<td>47709</td>
<td>6:30p-7:25p Tu Gilbert B SAC N-114 02/13-05/29</td>
<td></td>
</tr>
<tr>
<td>MUSIC 181, CHAMBER ORCHESTRA</td>
<td>1.0 UNIT</td>
<td>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.</td>
<td>47707</td>
<td>6:30p-9:55p Tu Gilbert B SAC N-114 02/13-05/29</td>
<td></td>
</tr>
<tr>
<td>MUSIC 185, BEGINNING CLASSICAL GUITAR</td>
<td>1.0 UNIT</td>
<td>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.</td>
<td>47559</td>
<td>10:00a-10:55a Sa Adele D SAC N-114 Full Semester</td>
<td></td>
</tr>
<tr>
<td>MUSIC 186, INTERMEDIATE CLASSICAL GUITAR</td>
<td>1.0 UNIT</td>
<td>Instruction at the intermediate level in solo, duo, and trio repertoire. Emphasizes technique studies and performance styles of 18th century music. Student must provide nylon string guitar. Prerequisite: Music 185 with a minimum grade of C.</td>
<td>47623</td>
<td>6:10p-7:05p M Giraldin M SAC N-117 Full Semester</td>
<td></td>
</tr>
<tr>
<td>MUSIC 187, ADVANCED CLASSICAL GUITAR</td>
<td>1.0 UNIT</td>
<td>Instruction at the advanced level in solo, duo, and trio repertoire. Emphasizes advanced technique studies and etudes and performance styles of 16th through 20th century music. Student must provide nylon string guitar. Prerequisite: Music 186 with a minimum grade of C.</td>
<td>47628</td>
<td>7:10p-8:05p M Giraldin M SAC N-117 Full Semester</td>
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</tr>
<tr>
<td>MUSIC 188, ADVANCED CLASSICAL GUITAR TECHNIQUE AND REPERTOIRE</td>
<td>1.0 UNIT</td>
<td>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. Prerequisite: Music 187 with a minimum grade of C.</td>
<td>47630</td>
<td>7:10p-8:05p M Giraldin M SAC N-117 Full Semester</td>
<td></td>
</tr>
<tr>
<td>MUSIC 189, GUITAR ENSEMBLE</td>
<td>1.0 UNIT</td>
<td>Rehearsal and performance of standard and current repertoire for guitar ensemble. Each semester requires the performance of a variety of different repertoire. Designed for students who can read notes in first position.</td>
<td>47711</td>
<td>12:15p-3:20p Sa Adele D SAC N-114 Full Semester</td>
<td></td>
</tr>
<tr>
<td>MUSIC 190, INTRODUCTION TO PROTOOLS</td>
<td>1.5 UNITS</td>
<td>Fundamental features and applications of ProTools audio software used in post-production for television, film and music. Orientation to functions, user interface and actual operation of digital audio workstation. Techniques and aesthetics associated with creation of well-mixed soundtracks are addressed. Hands-on practice with digital recording and editing of soundtracks.</td>
<td>47716</td>
<td>12:30p-1:20p Tu Th Mar J DMC-204 02/06-03/29</td>
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</tr>
<tr>
<td>MUSIC 214, THEORY 4</td>
<td>3.0 UNITS</td>
<td>Continuation of Music 213. Late 19th century harmonic technique, and important aspects of 20th century style. Analysis and writing of short, derivative compositions. Keyboard harmony. Concurrent enrollment in Music 114B recommended. Required for music majors; open to non-majors. Prerequisite: Music 213 with a minimum grade of C.</td>
<td>47314</td>
<td>7:05p-10:10p Th Kehlencabach E SAC N-105 Full Semester</td>
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</tr>
<tr>
<td>MUSIC 215A, APPLIED MUSIC (ADVANCED PRIVATE INSTRUCTION)</td>
<td>1.5 UNITS</td>
<td>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. Prerequisite: Music 115D with a minimum grade of C and audition and concurrent enrollment in a music ensemble or music theory course.</td>
<td>47235</td>
<td>TBA Briones M SAC C-104 Full Semester</td>
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</tr>
<tr>
<td>MUSIC 214, CHAMBER MUSIC ENSEMBLE</td>
<td></td>
<td>Rehearsal and performance of music of various periods and styles for small instrumental, vocal, or combined ensembles. Each semester requires performance of new repertoire. Designed for students with previous performance experience. Audition required.</td>
<td>47712</td>
<td>12:15p-3:20p Sa Adele D SAC N-114 Full Semester</td>
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<td>47639</td>
<td>3:00p-4:25p W Jones E SAC N-117 Full Semester</td>
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<td>47710</td>
<td>6:30p-9:55p Tu Gilbert B SAC N-114 02/13-05/29</td>
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</tr>
<tr>
<td>MUSIC 268, INTERMEDIATE KEYBOARD REPERTOIRE</td>
<td>1.0 UNIT</td>
<td>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. Prerequisite: Music 168 with a minimum grade of C.</td>
<td>47558</td>
<td>12:20p-1:10p Th Ji J SAC N-106 Full Semester</td>
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<td>47458</td>
<td>7:00p-7:55p W Ji J SAC N-106 Full Semester</td>
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<td></td>
<td>8:00p-9:05p W Ji J SAC N-106 Full Semester</td>
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**NURSING-REGISTERED**

**NURSING-REGISTERED 106A, HEALTH SCIENCE SKILLS LABORATORY - FIRST SEMESTER** | 0.5 UNIT | Supervised use with supplemental learning assistance of the skills lab to assist the student in the development of clinical competency of nursing fundamentals and mastery of fundamental psychomotor skills content addressed in courses NNN 161, NNN 161L, NNN 163 and NNN 163L. Open Entry / Open Exit | 45949 | TBA Steckler M SAC R-203 Full Semester |
| **NURSING-REGISTERED 106B, HEALTH SCIENCE SKILLS LABORATORY - SECOND SEMESTER** | 0.5 UNIT | Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of nursing concepts pertaining to maternal-child health and mastery of psychomotor skills related to maternal-child biological and psychosocial needs addressed in courses NNN 164, NNN 164L, NNN 165, and NNN 165L. Open Entry / Open Exit | 45950 | TBA Steckler M SAC R-203 Full Semester |
| | | | 45951 | TBA Girou R SJH Full Semester |
| **NURSING-REGISTERED 106C, HEALTH SCIENCE SKILLS LABORATORY - FIRST YEAR REFRESHER** | 0.5 UNIT | Supervised use with supplemental learning assistance of skills lab to assist the re-entry student or EMT student in the expansion of clinical competency of principles of nursing and mastery of basic to intermediate psychomotor skills content addressed in courses NNN 161, NNN 161L, NNN 163, NNN 163L, NNN 164, NNN 164L, EMT 101 or EMT 105. Open Entry / Open Exit | 45952 | TBA Steckler M SAC R-203 Full Semester |
| **NURSING-REGISTERED 160, INTRODUCTION TO PHARMACOLOGY** | 1.0 UNIT | This course introduces the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: safety and infection control, diversity, health promotion, communication, professional behavior, clinical reasoning/judgment, health care system, and ethics. Upon completion, students should be able to identify safe nursing care incorporating the concepts discussed in this course. Prerequisite: Biology 239 and Biology 249 and Biology 139 or Biology 229 and English 101 or English 101H with a minimum grade of C. Concurrent enrollment in Nursing-Registered 161 and Nursing-Registered 161L. | 45953 | 1:00p-3:05p Th Papa E SAC I-203 02/08-03/29 |
| | | | 45954 | TBA Jones L SAC R-307 02/07-03/29 |
| | | | 45955 | TBA Staff SAC R-307 02/07-03/29 |
| | | | Requires Lippincott e-textbook platform. Directions for purchasing the platform will be given during orientation and class. Must be in SAC Nursing Program or have letter from the Director to be in class. |
| **NURSING-REGISTERED 161, PRINCIPLES OF NURSING PRACTICE** | 2.0 UNITS | This course introduces the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: elimination, metabolism, oxygenation, tissue integrity, comfort, emergencies, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, healthcare system, and ethics. Upon completion, students should be able to identify safe nursing care incorporating the concepts discussed in this course. Prerequisite: Biology 239 and Biology 249 and Biology 139 or Biology 229 and English 101 or English 101H with a minimum grade of C. Concurrent enrollment in Nursing-Registered 161 and Nursing-Registered 161L. | 45956 | 10:00a-12:05p W Jones L SAC R-307 02/07-03/29 |
| | | | 1:15a-11:20a Th Staff SAC R-307 02/07-03/29 |
| | | | Requires Lippincott e-textbook platform. Directions for purchasing the platform will be given during orientation. |
### NURSING-REGISTERED 161L, PRINCIPLES OF NURSING PRACTICE LAB

**2.5 UNITS**

This clinical course applies the concepts of NRM 161 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: fluid and electrolyte balance, elimination, metabolism, perfusion, infection, inflammation, tissue integrity, infection, mobility, comfort, cognition, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, ethics, and clinical competency.

Prerequisite: Biology 239 and Biology 249 and Biology 139 or Biology 229 and English 101 or English 101H with a minimum grade of C.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Location / Room</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>45961</td>
<td>TBA</td>
<td>Schroeder B</td>
<td>SAC-R-307</td>
<td>04/09-05/29</td>
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</tbody>
</table>

Meets 120 hours on Mondays and occasional Tuesdays with hours and locations as arranged. All Registered Nursing students must obtain full scheduling information from the Nursing Office.

### NURSING-REGISTERED 164, FAMILY HEALTH CONCEPTS

**2.0 UNITS**

This clinical course applies the concepts of NRM 164 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: physical growth and development, psychosocial development, cognitive development, metabolism, cellular regulation, perfusion, reproduction, infection, emotional, social, and clinical competencies. Upon completion, students should be able to employ safe nursing care incorporating the concepts identified in this course.

Prerequisite: Nursing-Registered 162 and Nursing-Registered 163 with a minimum grade of C, and Nursing-Registered 163L with a minimum grade of P.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Location / Room</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>45964</td>
<td>TBA</td>
<td>Staff</td>
<td>SJH</td>
<td>04/09-05/29</td>
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</tbody>
</table>

Meets 120 hours on Mondays and occasional Tuesdays with hours and locations as arranged. All Registered Nursing students must obtain full scheduling information from the Nursing Office.

### NURSING-REGISTERED 164L, FAMILY HEALTH CONCEPTS LAB

**2.0 UNITS**

This clinical course applies the concepts of NRM 164 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: physical growth and development, psychosocial development, cognitive development, metabolism, cellular regulation, perfusion, reproduction, infection, emotional, social, and clinical competencies. Upon completion, students should be able to employ safe nursing care incorporating the concepts identified in this course.

Prerequisite: Nursing-Registered 162 and Nursing-Registered 163 with a minimum grade of C, and Nursing-Registered 163L with a minimum grade of P.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Location / Room</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>45966</td>
<td>TBA</td>
<td>Ettinger B</td>
<td>SAC-R-307</td>
<td>02/07-03/29</td>
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</table>

There is a Kaplan testing fee. Directions for paying the fee will be explained in class. Only students enrolled in the Extended Campus Program may register for section 45966.

### NURSING-REGISTERED 165, HEALTH ILLNESS CONCEPTS

**2.5 UNITS**

This clinical course further develops the concepts of NRM 165 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: fluid and electrolyte balance, elimination, metabolism, perfusion, infection, inflammation, tissue integrity, infection, mobility, comfort, cognition, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to identify safe nursing care incorporating the concepts discussed in this course.

Prerequisite: Nursing-Registered 160 and Nursing-Registered 161 with a minimum grade of C, and Nursing-Registered 161L with a minimum grade of P.

<table>
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<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Location / Room</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>45968</td>
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<td>SAC-R-307</td>
<td>02/05-03/19</td>
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</tbody>
</table>

96 hours to be arranged. All Registered Nursing students must obtain full scheduling information from the Nursing Office. Only students enrolled in the Extended Campus Program may enroll in sections 45972 and 45973. Orientation for all NRN 164L, sections is 2/5/18.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Instructor</th>
<th>Location / Room</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>45969</td>
<td>TBA</td>
<td>Vasquez M</td>
<td>OCG</td>
<td>02/05-03/19</td>
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There is a Kaplan testing fee. Directions for paying the fee will be explained in class. Only students enrolled in the Extended Campus Program may enroll in sections 45972 and 45973. Orientation for all NRN 164L, sections is 2/5/18.

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<thead>
<tr>
<th>Section</th>
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<th>Instructor</th>
<th>Location / Room</th>
<th>Dates</th>
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<tbody>
<tr>
<td>45971</td>
<td>TBA</td>
<td>Bass S</td>
<td>SJH</td>
<td>02/05-03/20</td>
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<tbody>
<tr>
<td>45972</td>
<td>TBA</td>
<td>Giroux R</td>
<td>UCI</td>
<td>02/05-03/24</td>
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<th>Section</th>
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<th>Location / Room</th>
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<tbody>
<tr>
<td>45973</td>
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<td>02/05-03/24</td>
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96 hours to be arranged. All Registered Nursing students must obtain full scheduling information from the Nursing Office. Only students enrolled in the Extended Campus Program may enroll in sections 45972 and 45973. Orientation for all NRN 164L, sections is 2/5/18.

### NURSING-REGISTERED 165L, HEALTH ILLNESS CONCEPTS LAB

**2.5 UNITS**

This clinical course further develops the concepts of NRM 165 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: fluid and electrolyte balance, elimination, metabolism, perfusion, infection, inflammation, tissue integrity, infection, mobility, comfort, cognition, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to identify safe nursing care incorporating the concepts discussed in this course.

Prerequisite: Nursing-Registered 160 and Nursing-Registered 161 with a minimum grade of C, and Nursing-Registered 161L with a minimum grade of P.

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There is a Kaplan testing fee. Directions for paying the fee will be explained in class. Only students enrolled in the Extended Campus Program may enroll in section 45975.

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96 hours to be arranged. All Registered Nursing students must obtain full scheduling information from the Nursing Office. Only students enrolled in the Extended Campus Program may enroll in sections 45972 and 45973. Orientation for all NRN 164L, sections is 2/5/18.

### NURSING-REGISTERED 166, HEALTH ILLNESS CONCEPTS

**2.5 UNITS**

This clinical course applies the concepts of NRM 166 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: fluid and electrolyte balance, elimination, metabolism, perfusion, infection, inflammation, tissue integrity, infection, mobility, comfort, cognition, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to differentiate safe nursing care incorporating the concepts discussed in this course.

Prerequisite: Nursing-Registered 164 with a minimum grade of C, and Nursing-Registered 164L with a minimum grade of P.

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Meets 120 hours on Mondays and occasional Tuesdays with hours and locations as arranged. All Registered Nursing students must obtain full scheduling information from the Nursing Office.
NURSING-REGISTERED 165L, HEALTH ILLNESS CONCEPTS LAB

2.5 UNITS

This clinical course applies the concepts of NUR 165 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: psychosocial development, cognitive development, metabolism, cellular regulation, oxygenation, inflammation, infection, control, safety and infection control, cleavage, behavior, promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to differentiate safe nursing care incorporating the concepts discussed in this course.

Prerequisite: Nursing-Registered 164 with a minimum grade of C, and Nursing-Registered 164L with a minimum grade of P.

45977 TBA Vasquez M CHOC 03/28-05/29

All Registered Nursing students must obtain full scheduling information from the Nursing Office. 120 hours to be arranged. Orientation for all NUR 165L sections is 3/28/18. Only students enrolled in the Extended Campus Program may enroll in sections 45981 and 45983.

45978 TBA Staff PF 03/28-05/29

All Registered Nursing students must obtain full scheduling information from the Nursing Office. 120 hours to be arranged. Orientation for all NUR 165L sections is 3/28/18. Only students enrolled in the Extended Campus Program may enroll in sections 45981 and 45983.

NURSING-REGISTERED 202, NURSING PROCESS: CRITICAL BIOLOGICAL AND PSYCHOSOCIAL SYSTEM NEEDS II

4.0 UNITS

Emphasizes nursing process for adult and geriatric patients of diverse cultures with critical psychosocial and biological system needs with a focus on R.N. role in leadership, decision-making, and patient teaching.

Prerequisite: Nursing-Registered 201 and 201L with a minimum grade of C; Concurrent enrollment in Nursing-Registered 202L.

45993 1:25p-4:20p M Paunovic M SAC C-104 02/05-05/03

1:25p-4:20p Th Paunovic M SAC W-101 02/05-05/03

There is a Kaplan testing fee. Directions for paying the fee will be explained during class.

NURSING-REGISTERED 202L, NURSING ACTION: CRITICAL BIOLOGICAL AND PSYCHOSOCIAL SYSTEM NEEDS II

5.4 UNITS

Application of leadership theory and nursing process to adult and geriatric patients of diverse cultures with critical psychosocial and biological system needs deficits. Application of cognitive content and practice of psychomotor skills. Preceptorship time and location to be arranged.

Prerequisite: Nursing-Registered 201 and 201L with a minimum grade of C; Concurrent enrollment in Nursing-Registered 202.

45984 TBA Paunovic M MH Full Semester

All Registered Nursing students must obtain full scheduling information from the Nursing Office. 256 hours to be arranged. Only students in the Extended Campus Program may enroll in sections 45998 and 45999.

45995 TBA Staff PF 03/28-05/29

All Registered Nursing students must obtain full scheduling information from the Nursing Office. 256 hours to be arranged. Only students in the Extended Campus Program may enroll in sections 45998 and 45999.

45996 TBA Staff PF 03/28-05/29

All Registered Nursing students must obtain full scheduling information from the Nursing Office. 256 hours to be arranged. Only students in the Extended Campus Program may enroll in sections 45998 and 45999.

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 NUR 261, NUR 261L, NUR 262, and NUR 262L.

Open Entry / Open Exit

46001 TBA Stecker M SAC R-203 Full Semester 24 hours arranged.

NURSING-REGISTERED 206B, HEALTH SCIENCES SKILLS LABORATORY - FOURTH SEMESTER

0.5 UNIT

Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of advanced medical/surgical nursing concepts and mastery of advanced medical/surgical psychomotor skills content addressed in courses NUR 263, NUR 263L, and NUR 264L.

Open Entry / Open Exit

46002 TBA Stecker M SAC R-203 Full Semester 24 hours arranged.

NURSING-REGISTERED 206C, HEALTH SCIENCES SKILLS LABORATORY - SECOND YEAR TRANSITION

0.5 UNIT

Supervised use with supplemental learning assistance of skills lab to assist the RN-refresher, advanced placed nursing student, or EMT student in the development and maintenance of clinical competency of nursing theoretical knowledge and mastery of advanced psychomotor skills content necessary for the transition into clinical practice as addressed in courses NUR 261, NUR 261L, NUR 262, NUR 262L, NUR 263, NUR 263L, and NUR 264L, EMT 101, or EMT 105.

Open Entry / Open Exit

46003 TBA Stecker M SAC R-203 Full Semester 24 hours arranged.

NURSING-REGISTERED 261, MENTAL HEALTH CONCEPTS

1.5 UNITS

This course examines the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: metabolism, emergencies, stress & coping, mood & affect, cognition, addictive behavior, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, health care system, ethics and clinical competence. Upon completion, students should be able to analyze safe nursing care incorporating the concepts discussed in this course.

Prerequisite: Nursing-Registered 165 with a minimum grade of C, and Nursing-Registered 165L with a minimum grade of P.

45984 3:10p-5:25p W Stucken R SAC R-307 02/07-03/15

3:40p-5:55p Th Stucken R SAC R-307

There is a Kaplan testing fee. Directions for paying the fee will be explained in class.

NURSING-REGISTERED 261L, MENTAL HEALTH CONCEPTS LAB

1.5 UNITS

This clinical course applies the concepts of NUR 261 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: metabolism, emergencies, stress & coping, mood & affect, cognition, addictive behavior, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, health care system, ethics and clinical competence. Upon completion, students should be able to utilize safe nursing care incorporating the concepts identified in this course.

Prerequisite: Nursing-Registered 165 with a minimum grade of C, and Nursing-Registered 165L with a minimum grade of P.

45985 TBA Stucken R COL 02/05-03/18

All Registered Nursing students must obtain full scheduling information from the Nursing Office. 96 hours to be arranged. All NRN 261L sections meet on 2/5/18 for orientation.

45990 TBA Nick J UCI 02/05-03/13

All Registered Nursing students must obtain full scheduling information from the Nursing Office. 96 hours to be arranged. All NRN 261L sections meet on 2/5/18 for orientation.

45991 TBA Valtario R SJH 02/05-03/13

All Registered Nursing students must obtain full scheduling information from the Nursing Office. 96 hours to be arranged. All NRN 261L sections meet on 2/5/18 for orientation.

45992 TBA COL 02/05-03/13

All Registered Nursing students must obtain full scheduling information from the Nursing Office. 96 hours to be arranged. All NRN 261L sections meet on 2/5/18 for orientation.

NURSING-REGISTERED 262, ACUTE CONCEPTS

3.0 UNITS

This course correlates the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: metabolism, central nervous system regulation, cellular regulation, oxygenation, perfusion, inflammation, infection, mobility, comfort, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to analyze safe nursing care incorporating the concepts discussed in this course.

Prerequisite: Nursing-Registered 261 with a minimum grade of C, and Nursing-Registered 261L with a minimum grade of P.

46838 3:10p-5:40p W Nick J SAC R-307 03/21-04/26

3:20p-5:50p Th Valtario R SAC R-307

There is a Kaplan testing fee. Directions for paying the fee will be explained during class.
### NURSING-REGISTERED 262L, ACUTE CONCEPTS LAB  
**3.0 UNITS**

This clinical course applies the concepts of NRN 262 within the four domains of Person, Health and illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: metabolism, central nervous system regulation, cellular regulation, infection, altercation, inflammation, infection, mobility, comfort, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, ethics, and clinical competency. Upon completion, students should be able to validate safe nursing care incorporating the concepts identified in this course.

**Prerequisite:** Nursing-Registered 261 with a minimum grade of C, and Nursing-Registered 261L with a minimum grade of P.

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All Registered Nursing students must obtain full scheduling information from the Nursing Office. 144 hours to be arranged. All NRN 262L sections meet on 3/19/18 for orientation.

### NUTRITION AND FOOD

#### NUTRITION AND FOOD 110, FOOD SANITATION AND SAFETY  
**3.0 UNITS**

Basic concepts of sanitation and safety applied to commercial food service operations to comply with state regulations for sanitation certification. Includes certification knowledge of food born illnesses and steps of food handling; personal hygiene, procurement, preparation, storage and service and equipment use, care, selection, and accident prevention.

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#### NUTRITION AND FOOD 115, NUTRITION  
**3.0 UNITS**

Scientific concepts of nutrition related to the function of nutrients in basic life processes and current health issues with emphasis on individual needs.

**Recommended Preparation:** English 101 or English 101H

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#### NUTRITION AND FOOD 116, PRINCIPLES OF FOOD PREPARATION  
**3.0 UNITS**

Application of food science principles with emphasis on ingredient function and interaction, food preparation techniques, sensory evaluation standards, food safety and sanitation, and nutrient composition of food.

**Recommended Preparation:** English 101 or English 101H

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### OCCUPATIONAL STUDIES

#### OCCUPATIONAL STUDIES 312, ADVANCED PRACTICE AREAS IN OCCUPATIONAL THERAPY  
**3.0 UNITS**

This course will provide a study of the advanced practice areas in occupational therapy. Advanced practice areas in occupational therapy include: physical agent modalities (PAMs), hand therapy and feeding and swallowing. This class will focus on the theory and application of PAMs for the use in occupational therapy; the fundamentals of hand therapy including treatment guidelines in occupational therapy; and feeding and swallowing includes the occupational therapy client.

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### OCCUPATIONAL THERAPY ASSISTANT

#### OCCUPATIONAL THERAPY ASSISTANT 100, MEDICAL TERMINOLOGY AND DOCUMENTATION FOR THE O.T.A.  
**1.0 UNIT**

This course serves as an introduction to basic medical terminology and documentation appropriate to practice needs of the Occupational Therapy Assistant.

**Prerequisite:** Biology 149 or Biology 239 and Biology 249 with a minimum grade of C.

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#### OCCUPATIONAL THERAPY ASSISTANT 101, FOUNDATIONS OF OCCUPATIONAL AND OCCUPATIONAL THERAPY  
**4.0 UNITS**

This course is designed and explores occupaion as it is used to provide the foundation for study of the occupational therapy profession. It further provides an overview of the history and development of occupational therapy as well as the dimensions of past and present practice.

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#### OCCUPATIONAL THERAPY ASSISTANT 101L, EXPLORATION OF OCCUPATION THROUGH ACTIVITY  
**2.0 UNITS**

In this lab class, students will explore the meaning and variability of occupation through self-analysis of occupational patterns, perform task analysis of varied activities, and have the opportunity to observe and practice teaching and learning skills.

**Prerequisite:** English 101/101H, and 3 units of Communication Studies (101/101H, or 102 or 140 or 145 or 150) with a minimum grade of C.

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#### OCCUPATIONAL THERAPY ASSISTANT 102, PSYCHOSOCIAL FUNCTION AND DYSFUNCTION  
**4.0 UNITS**

This course will define and explore psychosocial phenomena commonly seen by the Occupational Therapy Assistant and will examine evaluation techniques, functional deficits, and methods of treatment.

**Prerequisite:** Occupational Therapy Assistant 101 and Occupational Therapy Assistant 101L with a minimum grade of C.

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#### OCCUPATIONAL THERAPY ASSISTANT 102L, PSYCHOSOCIAL COMPONENTS OF OCCUPATION  
**2.5 UNITS**

This course will explore the occupational therapy assistant’s role in therapeutic relationships, in administering assessments used primarily in pediatric, adolescent, and adult psychosocial settings, and in therapeutic group design and facilitation.

**Prerequisite:** Occupational Therapy Assistant 100, Occupational Therapy Assistant 101, and Occupational Therapy Assistant 101L with a minimum grade of C.

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#### OCCUPATIONAL THERAPY ASSISTANT 103, PHYSICAL FUNCTION AND DYSFUNCTION  
**4.0 UNITS**

This course will focus on the occupational function of the child, adolescent, and adult which emphasizes the physical components of development, the continuum of function/dysfunction of the client and the role of the O.T.A. in assessment and treatment of commonly seen physical dysfunction diagnosis.

**Prerequisite:** Occupational Therapy Assistant 102 and Occupational Therapy Assistant 102L with a minimum grade of C.

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#### OCCUPATIONAL THERAPY ASSISTANT 103L, PHYSICAL COMPONENTS OF OCCUPATION  
**2.5 UNITS**

This lab course explores the Occupational Therapy Assistant’s role in safety, assessments and treatment techniques commonly used by occupational therapists in physical dysfunction settings.

**Prerequisite:** Occupational Therapy Assistant 102 and Occupational Therapy Assistant 102L with a minimum grade of C.

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#### OCCUPATIONAL THERAPY ASSISTANT 110, HUMAN OCCUPATION ACROSS LIFESPAN  
**3.0 UNITS**

This course will explore human occupation across lifespan with an emphasis on the relationship between human development and occupational choice. Physical, cognitive, psychological, social, and linguistic developmental milestones and changes will be covered from fetal development through old age.

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OCCUPATIONAL THERAPY ASSISTANT 201, LEVEL II FIELDWORK - PART 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.

Prerequisite: Occupational Therapy Assistant 101 with a minimum grade of C.

46353 Reeder S SAC WEB Full Semester
Section 49353 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

OCCUPATIONAL THERAPY ASSISTANT 202, LEVEL II FIELDWORK - PART I

This course will explore diseases that are commonly seen in occupational therapy practice and the effect they have on participation in occupation. Each disease will be covered in terms of etiology, prognosis, prevention, pathophysiology, medical management, precautions, and lifestyle redesign required as a result of the disease.

Prerequisite: Occupational Therapy Assistant 101 with a minimum grade of C.

49354 Reeder S SAC WEB Full Semester
Section 49354 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

OCCUPATIONAL THERAPY ASSISTANT 201, CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE

This lecture/lab course explores the multiple roles of the occupational therapy assistant in documentation, service management, professional behaviors, non-traditional roles, and contemporary models of practice.

Prerequisite: Occupational Therapy Assistant 102 and Occupational Therapy Assistant 102L with a minimum grade of C.

49355 Parisele M SAC HYBRID Full Semester
8:00a-9:25a Tu Th Parisele M SAC T-210
Section 49355 combines online instruction for lecture (students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com) and the lab portion meeting on-campus on Tuesday and Thursday from 8am-9:25am, SAC T-210.

OCCUPATIONAL THERAPY ASSISTANT 202, LEVEL II FIELDWORK - PART I

This course will explore diseases that are commonly seen in occupational therapy practice and the effect they have on participation in occupation. Each disease will be covered in terms of etiology, prognosis, prevention, pathophysiology, medical management, precautions, and lifestyle redesign required as a result of the disease.

Prerequisite: Occupational Therapy Assistant 101 with a minimum grade of C.

49356 TBA Hymon D SAC T-210 02/05-03/30
Section 49356 has 40 hours arranged per week.

OCCUPATIONAL THERAPY ASSISTANT 203, LEVEL II FIELDWORK - PART II

This course will explore diseases that are commonly seen in occupational therapy practice and the effect they have on participation in occupation. Each disease will be covered in terms of etiology, prognosis, prevention, pathophysiology, medical management, precautions, and lifestyle redesign required as a result of the disease.

Prerequisite: Occupational Therapy Assistant 101, Occupational Therapy Assistant 101L and Occupational Therapy Assistant 201 with a minimum grade of C.

49357 TBA Hymon D SAC T-210 04/04-06/02
Section 49357 has 40 hours arranged per week.

PARALEGAL

Paralegal Program Orientation

To learn more about the ASA Approved Paralegal and the Pathway to Law School Programs - new and returning students should attend Wednesday, January 31st from 6:00p-8:00p, Room A-130.

PARALEGAL 100, THE PARALEGAL PROFESSION

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.

49845 9:00a-3:30p Sa Williamson K SAC A-205 04/09-06/03
46485 10:15a-11:40a M W Robinson K SAC A-226 Full Semester
46483 7:00p-10:05p M Smith K SAC A-205 Full Semester

PARALEGAL 101, LAW OFFICE MANAGEMENT

Structure and procedures of the law office. Emphasis on organization of filing systems; litigation management; calendaring; ticker systems; indexing and summarizing documents; timekeeping; fees and billing; job search; and law office layout.

46493 Manzano F SAC WED Full Semester
Section 46493 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

PARALEGAL 105, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL 1.0 - 4.0 UNITS

This work experience course of supervised employment is designed to assist students to acquire career awareness, work habits, attitudes and skills related to the student’s college major. A student can earn 1 to 4 units per semester, up to a maximum of 16 units total. Additionally, students must work 75 paid hours or 60 non-paid hours per unit earned.

46497 TBA Smith K SAC A-107-1 Full Semester
Section 46497 Mandatory meeting with instructor at SAC A-107-1. Contact instructor to schedule, smith_kim@sac.edu

46507 TBA Smith K SAC A-107-1 03/05-06/03
Section 46507 Mandatory meeting with instructor at SAC A-107-1. Contact instructor to schedule, smith_kim@sac.edu

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

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

46513 11:50a-1:15p Tu Th Robinson K SAC A-226 Full Semester
46517 7:00p-10:15p Tu SAC F-102 Full Semester

PARALEGAL 120, COMPUTERS IN THE LAW OFFICE 4.0 UNITS

Basic computer concepts for law office personnel. The focus will be on current hardware and software used in the law office.

46522 6:00p-10:15p Th Keck E SAC A-226 Full Semester

PARALEGAL 121, ETHICS AND PROFESSIONAL RESPONSIBILITY 2.0 UNITS

Ethics and professional responsibility for paralegals: fees, client funds, billing, advertising, solicitation, unauthorized practice, deceit, and confidentiality; conflict of interest, suppressing evidence, reporting misconduct and professional practice obligations.

46524 Manzano F SAC WEB Full Semester
Section 46524 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: http://rsccd.instructure.com

PARALEGAL 132, FAMILY LAW AND PROCEDURE 2.0 UNITS

Study of basic substantive law and procedures in family law area: Court procedures for divorce, annulment, temporary and permanent support, restraining orders, division of community property, and child custody procedures including adoption and paternity actions. May require a field trip.

46527 6:00p-10:15p Th Marino J SAC A-205 04/09-06/03

PARALEGAL 140, IMMIGRATION LAW AND PROCEDURE 2.0 UNITS

Basic study of Immigration Law in the United States, with focus on preparation for those forms used by immigrants to secure benefits. Computerized preparation of forms and procedures for filing with INS will be emphasized. Marketing procedures for paralegals involved in Immigration Law will be analyzed, and ethical considerations to avoid the illegal practice of law will be covered.

46533 TBA Smith K SAC HYBRID 02/05-04/01
Section 46533 Online instruction plus mandatory on-campus meetings every Wed., 6:00p-9:10p, SAC A-205.

PARALEGAL 144, CURRENT ISSUES IN CIVIL LITIGATION DISCOVERY 2.0 UNITS

Focus on the Discovery Phase of litigation. The study of the California Rules of Court, California Statutes and procedures for e-filing and discovery regulations regarding the retention and production of electronic data in a Civil Litigation case. Practical applications for paralegal.

46536 TBA Smith K SAC HYBRID 04/09-06/03
Section 46536 Online instruction plus mandatory on-campus meetings every Wed., 6:00p-9:10p, SAC A-205.

PARALEGAL 145, CIVIL LITIGATION OVERVIEW 4.0 UNITS


46537 6:00p-10:15p Tu Robinson K SAC A-205 Full Semester

PARALEGAL 146, TORT LAW AND ALTERNATIVE DISPUTE RESOLUTION 4.0 UNITS

Intentional torts, negligence, strict liability, product liability, damages, immunity, and defenses to torts. Principles of insurance law, and procedures for the investigation of personal injury cases. Principles of dispute resolution through negotiation, mediation, and arbitration. Students will mediate impartially and use tools to maximize negotiation effectiveness. The course includes application of mediation skills in the law office.

46538 Tanner W SAC HYBRID 02/05-04/01
Section 46538 Online instruction plus mandatory on-campus meetings every Sat., 9:00a-2:50p, SAC F-102.

PARALEGAL 150, LEGAL TRANSACTIONS 5.0 UNITS

Introduction to contracts and drafting legal documents for corporations and real estate transactions. Contract formation, performance, breach and third party interests. Students will learn the laws of the California Corporations Code and the laws governing real estate transactions. Students 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.

46582 10:15a-11:40a Tu Th Smith K SAC HYBRID Full Semester
Section 46582 Online instruction plus mandatory on-campus meetings every Tues. and Thurs., 10:15a-11:40a, SAC A-108.
PHARMACY TECHNOLOGY 048, INTRODUCTION TO PHARMACY TECHNOLOGY 2.0 UNITS
Overview of the SAC Pharmacy Technician training program. Definition of the roles and preview of the opportunities open to pharmacy technicians in various practice settings. Presentation of pharmaceutical dosage forms, the drug development process, and drug classification systems. Introduction to prescription labeling and the law and ethics of pharmacy practice.

Recommended Preparation: Mathematics N06

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<tr>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location/Room</th>
<th>Dates</th>
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<tbody>
<tr>
<td>8:00a-10:05a</td>
<td>Sa</td>
<td>Ross Jr J</td>
<td>SAC H-109</td>
<td>Full Semester</td>
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<td>8:15a-10:20p</td>
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<td>Nguyen H</td>
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<td>Ross Jr J</td>
<td>SAC H-210</td>
<td>Full Semester</td>
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PHARMACY TECHNOLOGY 054A, BEGINNING PHARMACY CALCULATIONS 1.0 UNIT
This course introduces students to calculations related to drug dosage and preparation of medications. Conversions of units in the metric and common systems of measurement are included. There is emphasis on unit-cancellation for solving pharmacy situation problems, as well as a strong verbal component.

Recommended Preparation: Mathematics N06

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<thead>
<tr>
<th>Time</th>
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<th>Instructor</th>
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<td>Lathitham A</td>
<td>SAC R-307</td>
<td>02/06-03/27</td>
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<tr>
<td>6:00p-8:05p</td>
<td>Tu</td>
<td>Phi C</td>
<td>SAC H-210</td>
<td>02/06-03/27</td>
</tr>
</tbody>
</table>

PHARMACY TECHNOLOGY 054B, ADVANCED PHARMACY CALCULATIONS 1.0 UNIT
Students will learn calculations related to drug dosage using body surface area, measurements of strength, and preparation of medications. Calculations of dosage strength include ratio strength, percentage strength, and milligram percentage strength. Common dilutional calculations and alligation methods are included. There is emphasis on unit-cancellation for solving pharmacy situation problems as well as strong verbal component.

Prerequisite: Pharmacy Technology 054A with a minimum grade of C.

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<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location/Room</th>
<th>Dates</th>
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<td>10:15a-12:20p</td>
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<td>04/14-06/02</td>
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<tr>
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<td>Lathitham A</td>
<td>SAC R-307</td>
<td>04/10-05/29</td>
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<tr>
<td>6:00p-8:05p</td>
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<td>Phi C</td>
<td>SAC H-210</td>
<td>04/10-05/29</td>
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</table>

Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with a minimum grade of C, 30 wpm typing.

This option requires 8 to 12 months of training on a part-time basis.

PHARMACY TECHNOLOGY 056, PHARMACY OPERATIONS 4.5 UNITS
Hands-on training in customer service, inventory control, compounding, packaging, record-keeping, and drug distribution in the outpatient pharmacy setting. Includes prescription lab simulations and use of computers.

Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with a minimum grade of C, 30 wpm typing.

PHARMACY TECHNOLOGY 056L, PHARMACY SKILLS LAB 0.5 - 1.0 UNITS
Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the 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 lapse 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.

Co-Requisite: Concurrent enrollment in PHAR-056. Returning students who took 056 can take Pharmacy Technology 056L alone.

PHARMACY TECHNOLOGY 057, INPATIENT PHARMACY SERVICES 2.0 UNITS
Technical aspects of drug distribution for the inpatient (hospital) pharmacy setting. Hands-on training in medication order processing, pharmacy patient profile maintenance, medication preparation (includes packaging), and inpatient drug distribution using manual and automated systems. Includes electronic and manual record-keeping, pharmacy law, and CQI. Hands-on training in medication reconciliation in the emergency room setting. Develop and enhance communication and patient-interviewing skills through various communication methods.

Prerequisite: Completion of Pharmacy Technology 048, 054, and 051 or 052 with a minimum grade of C, 30 wpm typing.

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.
PHARMACY TECHNOLOGY 057L, PHARMACY TECHNOLOGY SKILLS LAB  0.5 - 1.0 UNITS
Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the 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 lapse 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.
Prerequisite Or Co-Requisite: Concurrent enrollment in PHAR-057. Returning students who took Pharmacy 057 can take Pharmacy Technology 057L alone.
Open Entry / Open Exit

| W | 9:00a-12:25p | Sa | Nguyen N | SAC H-210 | Full Semester |
| W | 1:30p-4:30p | M W | Nguyen N | SAC H-210 | Full Semester |
| W | 9:00a-12:00p | Sa | Nguyen N | SAC H-210 | Full Semester |

PHARMACY TECHNOLOGY 060L, STERILE PRODUCTS  4.5 UNITS
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 pharmocology of antimicrobial and antineoplastic drugs.
Prerequisite: Pharmacy Technology 048, 054, and 051 or 052 with a minimum grade of C, 30 wpm typing.

| W | 6:00p-10:20p | M W | Dombroske L | SAC H-210 | Full Semester |

PHARMACY TECHNOLOGY 060L, PHARMACY TECHNOLOGY SKILLS LAB  0.5 - 1.0 UNITS
Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the Sterile Products lab class (PHAR 060). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapse 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.
Prerequisite Or Co-Requisite: Concurrent enrollment in PHAR-060. Returning students who took Pharmacy 060 can take Pharmacy Technology 060L alone.
Open Entry / Open Exit

| W | 9:00a-12:25p | Sa | Nguyen N | SAC H-210 | Full Semester |
| W | 1:30p-2:30p | M W | Nguyen N | SAC H-210 | Full Semester |
| W | 9:00a-12:00p | Sa | Nguyen N | SAC H-210 | Full Semester |
| W | 1:30p-4:45p | M | Ross Jr J | SAC H-210 | Full Semester |
| W | 1:30p-4:30p | W | Dombroske L | SAC H-210 | Full Semester |

PHARMACY TECHNOLOGY 072A, PHARMACY TECHNOLOGY EXTERNSHIP OUTPATIENT  0.5 - 1.5 UNITS
On-site training in the outpatient (retail) practice setting. Students must complete PHAR 056 lab class to qualify for the outpatient rotation. Students must pass the trade-generic test prior to placement. Some sites require additional background, health screenings, and drugs tests. Completion of the outpatient rotation PHAR 072A, PHAR 072B, PHAR 072C rotations (320 hours) is required for the advanced certificate and Associate Degree. At the end of the rotation, the instructor will use the attendance records and competency forms as input from preceptors to assess the student learning outcomes and to help determine final grades. Students can refer to the course overview to understand the details of final grade assignments.
Prerequisite: Pharmacy Technology 056 and Communication Studies 097 or Communication Studies 101 or Communication Studies 101H or Communication Studies 102 with a minimum grade of C. Background checks, health screenings, current TB clearance and drugs test clearance.
Open Entry / Open Exit

| W | 9:00a-12:25p | Sa | Nguyen N | SAC H-210 | 02/05-06/10 |
| W | 1:30p-4:30p | M W | Nguyen N | SAC H-210 | 02/05-06/10 |
| W | 9:00a-12:00p | Sa | Nguyen N | SAC H-210 | 02/05-06/10 |
| W | 1:30p-4:45p | M | Ross Jr J | SAC H-210 | 02/05-06/10 |
| W | 1:30p-4:30p | W | Dombroske L | SAC H-210 | 02/05-06/10 |

PHARMACY TECHNOLOGY 072B, PHARMACY TECHNOLOGY EXTERNSHIP INPATIENT  0.5 - 2.5 UNITS
On-site training in the inpatient (hospital) practice setting. Students must complete the following lab courses prior to placement: PHAR 057 and PHAR 056. Students must pass the trade-generic test prior to placement. Some sites require additional background, health screenings, and drugs tests. Completion of PHAR 072A, PHAR 072B, PHAR 072C rotations (320 hours) is required for the advanced certificate and Associate Degree. At the end of the rotation, the instructor will use the attendance records and competency forms as input from preceptors to assess the student learning outcomes and to help determine final grades. Students can refer to the course overview to understand the details of final grade assignments.
Prerequisite: Pharmacy Technology 056 and Pharmacy Technology 057 and Communication Studies 097 or Communication Studies 101 or Communication Studies 101H or Communication Studies 102 with a minimum grade of C. Background checks, health screenings, current TB clearance and drugs test clearance.
Open Entry / Open Exit

| W | 9:00a-12:25p | Sa | Nguyen N | SAC H-210 | 01/02-06/10 |

PHARMACY TECHNOLOGY 072C, PHARMACY TECHNOLOGY EXTERNSHIP STERILE PRODUCTS  0.5 - 2.5 UNITS
On-site training in the home infusion or sterile products pharmacy practice setting. Students must complete the following lab course prior to placement: PHAR 060. Students must pass the trade-generic test prior to placement. Some sites require additional background, health screenings, and drugs tests. Completion of PHAR 072A, PHAR 072B, PHAR 072C rotations (320 hours) is required for the advanced certificate and Associate Degree. At the end of the rotation, the instructor will use the attendance records and competency forms as input from preceptors to assess the student learning outcomes and to help determine final grades. Students can refer to the course overview to understand the details of final grade assignments.
Prerequisite: Pharmacy Technology 060 and Communication Studies 097 or Communication Studies 101 or Communication Studies 101H or Communication Studies 102 with a minimum grade of C. Background checks, health screenings, current TB clearance and drugs test clearance.
Open Entry / Open Exit

| W | 9:00a-12:25p | Sa | Nguyen N | SAC H-210 | 01/02-06/10 |

PHARMACY TECHNOLOGY 072L1, PHARMACY TECHNOLOGY SKILLS LAB  0.5 - 1.0 UNITS
Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the Outpatient Pharmacy Technology Externship rotation (PHAR 072). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapse 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.
Corequisite: Concurrent enrollment in Pharmacy Technology Externship Pharmacy Technology 072. Returning students who took Pharmacy Technology 056 can take Pharmacy Technology 072L1 alone.
Open Entry / Open Exit

| W | 9:00a-12:25p | Sa | Nguyen N | SAC H-210 | 02/05-06/10 |
| W | 1:30p-4:30p | M W | Nguyen N | SAC H-210 | 02/05-06/10 |
| W | 9:00a-12:00p | Sa | Nguyen N | SAC H-210 | 02/05-06/10 |
| W | 1:30p-4:45p | M | Ross Jr J | SAC H-210 | 02/05-06/10 |
| W | 1:30p-4:30p | W | Dombroske L | SAC H-210 | 02/05-06/10 |

PHILOSOPHY 106, INTRODUCTION TO PHILOSOPHY  3.0 UNITS
A survey of historical and contemporary ideas on how to live the good life.

| W | 7:00a-8:30a | M W | Staff | SAC D-105 | Full Semester |
| W | 7:05a-8:30a | M W | Rodriguez A | SAC D-105 | Full Semester |
| W | 8:40a-10:05a | Tu Th | Rodriguez A | SAC D-105 | Full Semester |
| W | 9:00a-12:10p | Sa | Kelsey D | SAC D-105 | Full Semester |
| W | 6:00p-9:10p | Tu | Redoutey M | SAC D-105 | Full Semester |
| W | 6:30p-9:50p | M W | Krogfoss W | SAC D-213 | 02/05-03/30 |

PHILOSOPHY 108, ETHICS  3.0 UNITS
Introduction to key historical and modern theories of philosophical ethics and the application of these theories to ethical issues facing society today. Assists in clarifying our thinking about morality/ethics. Course increases awareness of values in personal and contemporary issues.

| W | 8:40a-10:05a | M W | Staff | SAC D-105 | Full Semester |

SAC IS TOBACCO-FREE

Use of tobacco-related products is allowed only in parking lots.
<table>
<thead>
<tr>
<th>SECTION</th>
<th>TIME</th>
<th>DAYS</th>
<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
<th>DATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHILOSOPHY 110, CRITICAL THINKING</td>
<td>4.0 UNITS</td>
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<tr>
<td>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 English 101H with a minimum grade of C.</td>
<td>45708</td>
<td>5:00p-6:50p</td>
<td>M</td>
<td>Fish Z</td>
<td>SAC HYBRID</td>
</tr>
<tr>
<td>Section 45708 Online instruction plus 4 mandatory on-campus meetings on Monday 2/5, 3/5, 4/16, 5/21 from 5:00p-6:50p in SAC I-109. Students are required to log on to Canvas on the first week of school at <a href="http://rsccd.instructure.com">http://rsccd.instructure.com</a>. Email instructor the first day of school.</td>
<td>45711</td>
<td>8:00a-10:05a</td>
<td>Tu Th</td>
<td>Fish Z</td>
<td>SAC D-213</td>
</tr>
<tr>
<td>45713</td>
<td>8:00a-12:15p</td>
<td>F</td>
<td>Page J</td>
<td>SAC D-105</td>
<td>Full Semester</td>
</tr>
<tr>
<td>45707</td>
<td>10:15a-12:20p</td>
<td>M W</td>
<td>Staff</td>
<td>SAC D-105</td>
<td>Full Semester</td>
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<tr>
<td>45705</td>
<td>10:15a-12:20p</td>
<td>Tu Th</td>
<td>Rodriguez A</td>
<td>SAC D-305</td>
<td>Full Semester</td>
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<tr>
<td>45709</td>
<td>12:30p-2:45p</td>
<td>Tu Th</td>
<td>Kelsey D</td>
<td>SAC D-305</td>
<td>02/05-03/30</td>
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<td>45712</td>
<td>1:15p-5:45p</td>
<td>M W</td>
<td>Krogfoss W</td>
<td>SAC I-201</td>
<td>04/09-05/30</td>
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<td>PHILOSOPHY 110H, HONORS CRITICAL THINKING</td>
<td>4.0 UNITS</td>
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<td>An enriched approach designed for honors students in a seminar setting. College-level critical thinking and writing. Promotes self-awareness, independent thinking, and improved academic expression. Examines philosophical methods of reasoning and composition, and the uses of informal logic and criticism in personal life, college, work, and democratic society. Prerequisite: English 101/101H with a minimum grade of C or a high school or college GPA of 3.0 or above.</td>
<td>45714</td>
<td>6:00p-10:15p</td>
<td>Tu</td>
<td>Fish Z</td>
<td>SAC D-206</td>
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<tr>
<td>PHILOSOPHY 111, INTRODUCTORY LOGIC</td>
<td>4.0 UNITS</td>
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<td>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.</td>
<td>45716</td>
<td>Fish Z</td>
<td>SAC WEB</td>
<td>Full Semester</td>
<td></td>
</tr>
<tr>
<td>Section 45716 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: <a href="http://rsccd.instructure.com">http://rsccd.instructure.com</a>. Email instructor first week of class.</td>
<td>45715</td>
<td>10:15a-12:20p</td>
<td>Tu Th</td>
<td>Blake H</td>
<td>SAC I-109</td>
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<tr>
<td>PHILOSOPHY 112, WORLD RELIGIONS</td>
<td>3.0 UNITS</td>
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<td>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 Pristine, Hinduism, Jainism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam.</td>
<td>45717</td>
<td>11:50a-1:15p</td>
<td>Tu Th</td>
<td>Dowd J</td>
<td>SAC D-105</td>
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<tr>
<td>PHILOSOPHY 118, HISTORY OF PHILOSOPHY</td>
<td>3.0 UNITS</td>
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<tr>
<td>An introduction to philosophy from an historical perspective: getting acquainted with the thoughts of the world’s great philosophers. Provides a survey of the dominant philosophies of the ancient, medieval, and modern worlds.</td>
<td>45718</td>
<td>10:15a-11:40a</td>
<td>M W</td>
<td>Fish Z</td>
<td>SAC D-201</td>
</tr>
</tbody>
</table>

**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 earns 0.5 unit. Requires concurrent enrollment in a photography course. | 48142 | 3:30p-4:55p | W | Marquez P | SAC A-217 | Full Semester |

**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. | 47922 | 1:25p-4:35p | Th | Marquez P | SAC C-104 | Full Semester |
| 47931 | 6:10p-9:20p | W | Marquez P | SAC C-104 | Full Semester |

**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. | 48448 | 12:30p-1:55p | M W | Staff | SAC I-102 | Full Semester |
| 48454 | 6:15p-9:25p | W | Staff | SAC R-328 | Full Semester |
| 9:00a-12:10p | Sa | Staff | SAC R-328 | |

**PHYSICS 211, PRINCIPLES OF PHYSICS II** | 4.0 UNITS | |
| A calculus-based physics course designed for students majoring in the life sciences, pre-medicine, and related disciplines. Topics include: electricity and magnetism, light, optics, and modern physics. Prerequisite: Physics 210 and Mathematics 180/180H with a minimum grade of C. | 48426 | 7:00p-10:10p | Tu | Staff | SAC R-126 | Full Semester |
| 2:45p-5:55p | M | Staff | SAC R-328 | |
| 48424 | 7:00p-10:10p | Tu | Staff | SAC R-126 | Full Semester |
| 3:30p-6:40p | Th | Staff | SAC R-328 | |

**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. Material Fee(s): $15.00 | 49667 | 10:20a-12:25p | Sa | Staff | SAC A-219 | Full Semester |
| 12:35p-2:35p | Sa | Staff | SAC A-219 | |

**PHOTOGRAPHY 291, WEDDING AND QUINCEANERA PHOTOGRAPHY** | 3.0 UNITS | |
| Instruction in fundamental concepts, equipment demands, and photographic techniques used by contemporary wedding/quinceanera photographers. Prerequisite: Photography 180 with a minimum grade of C. | 48414 | 5:00p-7:50p | Th | Rico J | SAC A-219 | Full Semester |
| 7:15p-10:20p | Tu | Rico J | SAC A-219 | |
| 48418 | 7:00p-7:50p | M W | Staff | SAC A-219 | Full Semester |
| 8:00p-9:25p | M W | Staff | SAC A-219 | |

**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 | 49667 | 10:20a-12:25p | Sa | Staff | SAC A-219 | Full Semester |
| 12:35p-2:35p | Sa | Staff | SAC A-219 | |

All services are free for SAC and CEC students. learningcenter@sac.edu & like us on Facebook

Useful resources:
- **SAC LEARNING CENTER**
  - Visit the SAC Learning Center for help with language acquisition practice, directed learning activities, tutoring, workshops, and counselors.
  - Staffed by faculty and trained Learning Facilitators.
  - Open Monday-Friday: 9:00 a.m. – 7:00 p.m.
  - Visit the Learning Center at Learningcenter@sac.edu and like us on Facebook.

- **Open Educational Resources**
  - Instructor has elected to use Open Educational Resources for this class. There is no additional textbook cost.

- **Directed Learning Activities (DLA)**
  - Tutoring - Workshops

- **Directed Learning Activities (DLA)**
  - Tutoring - Workshops

- **Instructor has elected to use Open Educational Resources for this class. There is no additional textbook cost.**

- **Follow SAC on Twitter**
  - http://twitter.com/#!/SantaAnaCollege

- **Become a Facebook Fan**
  - Like us on Facebook
  - http://www.facebook.com/SantaAnaCollege
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 110/110H with a minimum grade of C.

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<td>SAC R-328</td>
<td>Full Semester</td>
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Instructor has elected to use Open Educational Resources for this class. There is no additional textbook cost.

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.

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<td>Budzak T</td>
<td>SAC R-328</td>
<td>Full Semester</td>
</tr>
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</table>

Instructor has elected to use Open Educational Resources for this class. There is no additional textbook cost.

PHYSICS 229, COLLEGE PHYSICS II 4.0 UNITS
A trigonometry-based physics course. Topics include: light, electricity, magnetism, and modern physics.

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Instructor has elected to use Open Educational Resources for this class. There is no additional textbook cost.

PHYSICS 289, COLLEGE PHYSICS I 4.0 UNITS
Prerequisite: Physics 279 with a minimum grade of C.

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<td>SAC R-328</td>
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</table>

Instructor has elected to use Open Educational Resources for this class. There is no additional textbook cost.

POLITICAL SCIENCE 101H, HONORS INTRODUCTION TO AMERICAN GOVERNMENTS 3.0 UNITS
A student-oriented exploration of the historical and contemporary principles of American government. Study groups and individual computer-based research focus on basic political concepts of American national and state governments. Satisfies graduation requirement for American Institutions and state requirements for California state government.

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<td>Becker C</td>
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</table>

PSYCHOLOGY 100H, HONORS INTRODUCTION TO PSYCHOLOGY 3.0 UNITS
Seminar-style, content enriched course for honors students exploring the the major theories, methods, concepts, ethical issues, and findings in the major fields in psychology including (but not limited to): biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

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<tr>
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<td>45670</td>
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<td>Tu</td>
<td>Staff</td>
<td>SAC D-108</td>
<td>Full Semester</td>
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PSYCHOLOGY 101, INTRODUCTION TO PSYCHOLOGY 3.0 UNITS
An introduction to the major theories, methods, concepts, ethical issues, and findings in the major fields in psychology including (but not limited to): biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

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<td>Tu</td>
<td>Staff</td>
<td>SAC D-108</td>
<td>Full Semester</td>
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</table>

PSYCHOLOGY 102, PSYCHOLOGY OF ADULTHOOD AND AGING 3.0 UNITS
Examines psychological and related biological and social changes that occur in adulthood and old age and how these changes vary with ethnicity, gender and social class. Topics include longevity, health, successful aging, intimate and family relationships and mental disorders of adulthood. Designed to help students understand their own and others’ aging and to familiarize them with issues in the field of gerontology.

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</table>

PSYCHOLOGY 103, PSYCHOLOGY OF CHILDREN AND ADOLESCENTS 3.0 UNITS
Examines psychological and related biological and social changes that occur in childhood and adolescence. Designed to help students understand their own and others’ childhood and to familiarize them with issues in the field of child psychology.

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<td>Larson M</td>
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</table>
Reading 101, Introduction to Academic Reading 3.0 UNITS
Instruction toward students' mastery of higher-level vocabulary, reading comprehension at the level of proficiency, critical evaluation of college-level text and improvement of reading rate.

Reading 102, Academic Reading 3.0 UNITS
Introduces a repertoire of reading strategies aimed at preparing students for comprehension of complex college-level reading material. Advanced reading strategies provide the foundation for the development of critical reading and the recognition of patterns of academic thought.
Reading strategies for specific disciplines, including the social sciences, business, humanities and the arts, mathematics and the natural sciences are presented.

Reading 150, Critical Reading 3.0 UNITS
This course addresses the relationship between critical reading and critical thinking, including emphasis on the development of critical reading and thinking skills that facilitate the interpretation, analysis, criticism, and advocacy of ideas encountered in academic reading.
Recommended Preparation: Completion of or concurrent enrollment in English 101 or English 101H is recommended.

Sociology 100, Introduction to Sociology 3.0 UNITS
The scientific study of human societies and behavior focusing on the process of social interaction, patterns of social inequality, and the influence of social institutions on individuals as members of social groups. Special emphasis provided to explain factors promoting social stability and social change.

Sociology 102, Social Psychology 3.0 UNITS
The scientific study of human behavior in social situations focusing on the interaction of the individual with the social environment.

Sociology 103, Social Psychology 3.0 UNITS
The scientific study of human behavior in social situations focusing on the interaction of the individual with the social environment.

Sociology 104, Social Psychology 3.0 UNITS
The scientific study of human behavior in social situations focusing on the interaction of the individual with the social environment.

Sociology 105, Social Psychology 3.0 UNITS
The scientific study of human behavior in social situations focusing on the interaction of the individual with the social environment.

Sociology 106, Social Psychology 3.0 UNITS
The scientific study of human behavior in social situations focusing on the interaction of the individual with the social environment.

Sociology 107, Social Psychology 3.0 UNITS
The scientific study of human behavior in social situations focusing on the interaction of the individual with the social environment.

Sociology 108, Social Psychology 3.0 UNITS
The scientific study of human behavior in social situations focusing on the interaction of the individual with the social environment.

Sociology 109, Social Psychology 3.0 UNITS
The scientific study of human behavior in social situations focusing on the interaction of the individual with the social environment.
### SPRNG 2018 CLASSES

#### SPANISH 101, ELEMENTARY SPANISH I

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**Prerequisite:** Spanish 101 or Spanish 101H or two years of high school Spanish with a minimum grade of C.

**Enhanced and intensive practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading, and writing techniques for the expression of ideas orally and in writing.** Enriched introduction of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 101H is equivalent to two years of high school Spanish.

Section 46761 Online instruction plus 5 mandatory on-campus meetings on Monday 2/5, 3/5, 4/30, 5/21/2019 from 1:30p-4:00p in SAC D-304. This class requires the textbook “Puntos de partida” with the digital code for online lab. Students are required to log on to Canvas on the first day of classes: [http://rscrd.instructure.com](http://rscrd.instructure.com). Email instructor one week prior to instruction.

#### SPANISH 102, ELEMENTARY SPANISH II

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<td>Galvan J</td>
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</table>

**Prerequisite:** Spanish 101 or Spanish 101H or two years of high school Spanish with a minimum grade of C.

**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.**

Section 46760 Online instruction plus 5 mandatory on-campus meetings on Monday 2/5, 3/5, 4/30, 5/21/2019 from 1:30p-4:00p in SAC D-304. This class requires the textbook “Mundo 21”, 4th edition. Students are required to log on to Canvas on the first day of classes: [http://rscrd.instructure.com](http://rscrd.instructure.com). Email instructor one week prior to instruction.

#### SPANISH 103, INTERMEDIATE SPANISH I

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<tr>
<th>SECTION</th>
<th>TIME</th>
<th>DAYS</th>
<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
<th>DATES</th>
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</thead>
<tbody>
<tr>
<td>46758</td>
<td>4:15p-6:45p</td>
<td>M</td>
<td>Fuentes Sanchez A</td>
<td>SAC D-302</td>
<td>Full Semester</td>
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<tr>
<td>46759</td>
<td>4:15p-6:45p</td>
<td>M</td>
<td>Galvan J</td>
<td>SAC D-302</td>
<td>Full Semester</td>
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</tbody>
</table>

**Prerequisite:** Spanish 101 or Spanish 101H or two years of high school Spanish with a minimum grade of C.

**Enhanced and intensive practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading, and writing techniques for the expression of ideas orally and in writing.** Enriched introduction of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 103 is equivalent to the fourth year of high school Spanish.

Section 46763 Online instruction plus 5 mandatory on-campus meetings on Monday 2/5, 3/5, 4/30, 5/21/2019 from 1:30p-4:00p in SAC D-304. This class requires the textbook “Mundo 21”, 4th edition. Students are required to log on to Canvas on the first day of classes: [http://rscrd.instructure.com](http://rscrd.instructure.com). Email instructor one week prior to instruction.

Section 46764 Online instruction plus 5 mandatory on-campus meetings on Monday 2/5, 3/5, 4/30, 5/21/2019 from 1:30p-4:00p in SAC D-304. This class requires the textbook “Mundo 21”, 4th edition. Students are required to log on to Canvas on the first day of classes: [http://rscrd.instructure.com](http://rscrd.instructure.com). Email instructor one week prior to instruction.

#### SPANISH 105, INTERMEDIATE SPANISH II

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<tr>
<th>SECTION</th>
<th>TIME</th>
<th>DAYS</th>
<th>INSTRUCTOR</th>
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<th>DATES</th>
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</thead>
<tbody>
<tr>
<td>46765</td>
<td>7:00p-9:30p</td>
<td>M</td>
<td>Lopez-Jaurequi L</td>
<td>SAC HYBRID</td>
<td>Full Semester</td>
</tr>
<tr>
<td>46766</td>
<td>7:00p-9:30p</td>
<td>M</td>
<td>Lopez-Jaurequi L</td>
<td>SAC D-204</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

**Prerequisite:** Spanish 102 or Spanish 102H or two years of high school Spanish with a minimum grade of C.

**Enhanced and intensive practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading, and writing techniques for the expression of ideas orally and in writing.** Enriched introduction of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 105 is equivalent to the fifth year of high school Spanish.

Section 46765 Online instruction plus 5 mandatory on-campus meetings on Monday 2/5, 3/5, 4/30, 5/21/2019 from 1:30p-4:00p in SAC D-304. This class requires the textbook “Mundo 21”, 4th edition. Students are required to log on to Canvas on the first day of classes: [http://rscrd.instructure.com](http://rscrd.instructure.com). Email instructor one week prior to instruction.

#### SPANISH 106, ADVANCED SPANISH I

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<tr>
<th>SECTION</th>
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<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
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</thead>
<tbody>
<tr>
<td>46767</td>
<td>7:00p-9:30p</td>
<td>M</td>
<td>Lopez-Jaurequi L</td>
<td>SAC HYBRID</td>
<td>Full Semester</td>
</tr>
<tr>
<td>46768</td>
<td>7:00p-9:30p</td>
<td>M</td>
<td>Lopez-Jaurequi L</td>
<td>SAC D-204</td>
<td>Full Semester</td>
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</tbody>
</table>

**Prerequisite:** Spanish 103 or Spanish 103H or two years of high school Spanish with a minimum grade of C.

**Advanced and intensive practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading, and writing techniques for the expression of ideas orally and in writing.** Enriched introduction of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 106 is equivalent to the sixth year of high school Spanish.

Section 46767 Online instruction plus 5 mandatory on-campus meetings on Monday 2/5, 3/5, 4/30, 5/21/2019 from 1:30p-4:00p in SAC D-304. This class requires the textbook “Mundo 21”, 4th edition. Students are required to log on to Canvas on the first day of classes: [http://rscrd.instructure.com](http://rscrd.instructure.com). Email instructor one week prior to instruction.

#### SPANISH 107, ADVANCED SPANISH II

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<tr>
<th>SECTION</th>
<th>TIME</th>
<th>DAYS</th>
<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
<th>DATES</th>
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</thead>
<tbody>
<tr>
<td>46769</td>
<td>7:00p-9:30p</td>
<td>M</td>
<td>Galvan J</td>
<td>SAC D-302</td>
<td>Full Semester</td>
</tr>
<tr>
<td>46770</td>
<td>7:00p-9:30p</td>
<td>M</td>
<td>Galvan J</td>
<td>SAC D-302</td>
<td>Full Semester</td>
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</table>

**Prerequisite:** Spanish 105 or Spanish 105H or two years of high school Spanish with a minimum grade of C.

**Advanced and intensive practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading, and writing techniques for the expression of ideas orally and in writing.** Enriched introduction of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 107 is equivalent to the seventh year of high school Spanish.

Section 46768 Online instruction plus 5 mandatory on-campus meetings on Monday 2/5, 3/5, 4/30, 5/21/2019 from 1:30p-4:00p in SAC D-304. This class requires the textbook “Mundo 21”, 4th edition. Students are required to log on to Canvas on the first day of classes: [http://rscrd.instructure.com](http://rscrd.instructure.com). Email instructor one week prior to instruction.
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<th>SECTION</th>
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<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
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<tbody>
<tr>
<td>SPANISH 102H, HONORS ELEMENTARY SPANISH II</td>
<td>5.0 UNITS</td>
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<tr>
<td>Further enhanced and intensive training in language skills for the expression of ideas orally and in writing. Additional enriched study of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 102H is equivalent to the third year of high school Spanish. Prerequisite: Spanish 101/101H or two years of high school Spanish with a minimum grade of C, and a high school or college GPA of 3.0 or above.</td>
<td>46764</td>
<td>1:30p-4:00p</td>
<td>M Galvan J</td>
<td>SAC HYBRID</td>
<td>Full Semester</td>
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<td>SPANISH 195A, ADVANCED CONVERSATIONAL SPANISH</td>
<td>3.0 UNITS</td>
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<td>Further development of conversational skills. Review of language structures as well as reinforcement of new vocabulary and idioms through discussions of reading selections dealing with historical and current events to deepen appreciation of Hispanic cultures. Prerequisite: Spanish 102 or 102H with a minimum grade of C.</td>
<td>46765</td>
<td>6:00p-9:10p</td>
<td>M Valle M</td>
<td>SAC D-201</td>
<td>Full Semester</td>
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<tr>
<td>SPANISH 195B, ADVANCED CONVERSATIONAL SPANISH</td>
<td>3.0 UNITS</td>
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<tr>
<td>Continuation of development of conversational skills. Provides avenues for the expression of ideas introduced in literary and current event readings through discussions and class presentations to deepen appreciation of Hispanic cultures. Prerequisite: Spanish 195A with a minimum grade of C.</td>
<td>46766</td>
<td>4:15p-6:45p</td>
<td>Tu Th Bendz G</td>
<td>SAC D-302</td>
<td>Full Semester</td>
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<td>SPANISH 201, INTERMEDIATE SPANISH I</td>
<td>5.0 UNITS</td>
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<tr>
<td>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.</td>
<td>46769</td>
<td>10:45a-1:15p</td>
<td>M W Trujillo Y</td>
<td>SAC D-205</td>
<td>Full Semester</td>
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<td>SPANISH 202H, HONORS INTERMEDIATE SPANISH II</td>
<td>5.0 UNITS</td>
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<td>An enriched exposure of Hispanic history, culture, and literature in a seminar setting. In-depth analysis of grammatical structures. Enhanced development of conversation and composition. Further use of argumentative oral strategies. Independent research by students to use evaluate library and electronic information sources. Prerequisite: Spanish 201/201H with a minimum grade of C.</td>
<td>46770</td>
<td>10:45a-1:15p</td>
<td>M W Trujillo Y</td>
<td>SAC D-205</td>
<td>Full Semester</td>
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<tr>
<td>SPEECH-LANGUAGE PATHOLOGY ASSISTANT</td>
<td>1.0 UNIT</td>
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<td>SPEECH-LANGUAGE PATHOLOGY ASSISTANT 118, INTRODUCTION TO SPEECH-LANGUAGE PATHOLOGY ASSISTING</td>
<td>1.0 UNIT</td>
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<tr>
<td>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.</td>
<td>50055</td>
<td>4:00p-4:50p</td>
<td>Tu Zarske M</td>
<td>SAC H-207</td>
<td>Full Semester</td>
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<td>SPEECH-LANGUAGE PATHOLOGY ASSISTANT 119, SPEECH-LANGUAGE AND HEARING DEVELOPMENT ACROSS THE LIFE SPAN</td>
<td>3.0 UNITS</td>
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<tr>
<td>Study of normal speech, hearing, and language development across the life span. Topics will include differentiation of normal from disordered communication and development in bilingual populations.</td>
<td>50056</td>
<td>5:00p-8:10p</td>
<td>Tu Meloch M</td>
<td>SAC I-207</td>
<td>Full Semester</td>
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<td>SPEECH-LANGUAGE PATHOLOGY ASSISTANT 120, SPEECH-LANGUAGE PATHOLOGY CLINICAL MANAGEMENT AND PROCEDURES</td>
<td>2.0 UNITS</td>
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<tr>
<td>Organizational and functional skills required in the speech-language pathology workplace. Includes interdisciplinary and supervisory relationships, client and public interaction, safety issues, technical writing, data collection, record keeping, and computer applications. Prerequisite: Speech Language Pathology Assistant 118 with a minimum grade of C.</td>
<td>50062</td>
<td>5:00p-7:05p</td>
<td>Th Staff</td>
<td>SAC D-107</td>
<td>Full Semester</td>
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<td>SPEECH-LANGUAGE PATHOLOGY ASSISTANT 150, OBSERVATION OF SPEECH-LANGUAGE PATHOLOGY CLINICAL PRACTICES</td>
<td>0.5 UNIT</td>
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<td>Beginning clinical observation of practices and procedures required in speech-language pathology. Observation sites will be in both educational and medical settings. Prerequisite: Speech-Language Pathology Assistant 118 with a minimum grade of C and concurrent enrollment in Speech-Language Pathology Assistant 160.</td>
<td>50067</td>
<td>4:00p-4:55p</td>
<td>M Lee E</td>
<td>SAC H-201</td>
<td>Full Semester</td>
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<td>SPEECH-LANGUAGE PATHOLOGY ASSISTANT 160, INTRODUCTION TO COMMUNICATIVE DISORDERS AND TREATMENT</td>
<td>3.0 UNITS</td>
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<tr>
<td>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.</td>
<td>50069</td>
<td>5:00p-8:10p</td>
<td>M Lee E</td>
<td>SAC H-201</td>
<td>Full Semester</td>
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<td>SPEECH-LANGUAGE PATHOLOGY ASSISTANT 190, SPEECH-LANGUAGE PATHOLOGY ASSISTANT CLINICAL FIELD WORK I</td>
<td>2.0 UNITS</td>
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<tr>
<td>Application of supervised clinical practice procedures as required of a speech-language pathology assistant in an educational setting. Prerequisite: Speech-Language Pathology Assistant 120 and Speech-Language Pathology Assistant 150 and Speech-Language Pathology Assistant 160 with a minimum grade of C and Application to Department Coordinator required prior to enrollment; current negative TB clearance; fingerprinting and background check; current CPR and First Aid Certification and concurrent enrollment in Speech-Language Pathology Assistant 1</td>
<td>50081</td>
<td>4:00p-4:55p</td>
<td>Th Zarske M</td>
<td>SAC H-207</td>
<td>Full Semester</td>
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<td>SPEECH-LANGUAGE PATHOLOGY ASSISTANT 200, ADULT AND GERIATRIC COMMUNICATION DISORDERS</td>
<td>3.0 UNITS</td>
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<td>Speech, language, and hearing disorders experienced by the adult and geriatric populations. Assessment tools and treatment strategies used to treat acquired disorders such as adult aphasia, dysarthria, and hearing loss. Prerequisite: Speech-Language Pathology Assistant 160 with a minimum grade of C.</td>
<td>50083</td>
<td>5:00p-8:10p</td>
<td>Th Staff</td>
<td>SAC H-205</td>
<td>Full Semester</td>
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<td>SPEECH-LANGUAGE PATHOLOGY ASSISTANT 250, SPEECH-LANGUAGE PATHOLOGY ASSISTANT CLINICAL FIELDWORK II</td>
<td>2.0 UNITS</td>
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<td>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 190 with a minimum grade of C and Application to Department Coordinator required prior to enrollment; current negative TB clearance; fingerprinting and background check; current CPR and First Aid Certification.</td>
<td>50084</td>
<td>4:00p-4:55p</td>
<td>Th Zarske M</td>
<td>SAC H-207</td>
<td>Full Semester</td>
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<td>STUDY SKILLS</td>
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<tr>
<td>STUDY SKILLS 091, EFFECTIVE STUDY TECHNIQUES</td>
<td>1.0 UNIT</td>
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<td>A short-term course designed to teach effective college study skills. Topics include time management, textbook study, lecture notetaking, test taking strategies, exam preparation.</td>
<td>47229</td>
<td>Section 47229 Online instruction. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes:</td>
<td>SAC WEB</td>
<td>Full Semester</td>
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<tr>
<td>STUDY SKILLS 109, COLLEGE LEARNING SKILLS</td>
<td>3.0 UNITS</td>
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<td>This course provides effective 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 development to effectively deal with issues to ensure personal, educational, and career success.</td>
<td>47230</td>
<td>Section 47230 Online instruction. Students are required to log on to Canvas on the first day of classes:</td>
<td>SAC WEB</td>
<td>Full Semester</td>
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<tr>
<td>STUDY SKILLS 109 COLLEGE LEARNING SKILLS</td>
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<tr>
<td>A short-term course designed to teach effective college study skills. Topics include time management, textbook study, lecture notetaking, test taking strategies, exam preparation.</td>
<td>47231</td>
<td>Section 47231 Online instruction.</td>
<td>SAC WEB</td>
<td>Full Semester</td>
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<td>TV/VIDEO COMMUNICATIONS</td>
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<tr>
<td>TV/VIDEO COMMUNICATIONS 009A, TV/VIDEO COMMUNICATIONS LABORATORY</td>
<td>0.5 UNIT</td>
<td>Sign-in/out supervised work on beginning television projects/production assigned in a 100 level TV/Video Communications class. Accumulation of 24 hours earns 0.5 unit. Corequisite: Concurrent enrollment in TV/Video Communications 110 or TV/Video Communications 112 or TV/Video Communications 115A or TV/Video Communications 115B or TV/Video Communications 130 or TV/Video Communications 150 or TV/Video Communications 152. Open Entry / Open Exit 49748 TBA Taylor M DMC-135 Full Semester Student must be concurrently enrolled in one of the following TV/Video Communications courses: 110 or 112 or 115A or 115B or 130 or 150 or 152. 1.5 arranged hours per week.</td>
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<tr>
<td>TV/VIDEO COMMUNICATIONS 009B, TV/VIDEO COMMUNICATIONS LABORATORY</td>
<td>0.5 UNIT</td>
<td>Sign-in/out supervised work on intermediate television projects/production assigned in a 100 level TV/Video Communications class. Accumulation of 24 hours earns 0.5 unit. Corequisite: Concurrent enrollment in TV/Video Communications 110 or TV/Video Communications 112 or TV/Video Communications 115A or TV/Video Communications 115B or TV/Video Communications 130 or TV/Video Communications 150 or TV/Video Communications 152. Open Entry / Open Exit 49749 TBA Taylor M DMC-135 Full Semester Student must be concurrently enrolled in one of the following TV/Video Communications courses: 110 or 112 or 115A or 115B or 130 or 150 or 152. 1.5 arranged hours per week.</td>
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<tr>
<td>TV/VIDEO COMMUNICATIONS 009C, TV/VIDEO COMMUNICATIONS LABORATORY</td>
<td>0.5 UNIT</td>
<td>Sign-in/out supervised work on advanced television projects/production assigned in a 100 level TV/Video Communications class. Accumulation of 24 hours earns 0.5 unit. Corequisite: Concurrent enrollment in TV/Video Communications 110 or TV/Video Communications 112 or TV/Video Communications 115A or TV/Video Communications 115B or TV/Video Communications 130 or TV/Video Communications 150 or TV/Video Communications 152. Open Entry / Open Exit 49750 TBA Taylor M DMC-135 Full Semester Student must be concurrently enrolled in one of the following TV/Video Communications courses: 110 or 112 or 115A or 115B or 130 or 150 or 152. 1.5 arranged hours per week.</td>
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<tr>
<td>TV/VIDEO COMMUNICATIONS 010A, TV/VIDEO COMMUNICATIONS LABORATORY</td>
<td>0.5 UNIT</td>
<td>Sign-in/out supervised work on beginning television projects/production assigned in a 200 level TV/Video Communications class. Accumulation of 24 hours earns 0.5 unit. Corequisite: Concurrent enrollment in TV/Video Communications 215 or TV/Video Communications 230A or TV/Video Communications 230B or TV/Video Communications 230C or TV/Video Communications 230D or TV/Video Communications 260. Open Entry / Open Exit 49751 TBA Taylor M DMC-135 Full Semester Student must be concurrently enrolled in one of the following TV/Video Communications courses: 215 or 230A or 230B or 230C or 230D or 260. 1.5 arranged hours per week.</td>
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<tr>
<td>TV/VIDEO COMMUNICATIONS 010B, TV/VIDEO COMMUNICATIONS LABORATORY</td>
<td>0.5 UNIT</td>
<td>Sign-in/out supervised work on advanced beginning television projects/production assigned in a 200 level TV/Video Communications class. Accumulation of 24 hours earns 0.5 unit. Corequisite: Concurrent enrollment in TV/Video Communications 215 or TV/Video Communications 230A or TV/Video Communications 230B or TV/Video Communications 230C or TV/Video Communications 230D or TV/Video Communications 260. Open Entry / Open Exit 49752 TBA Taylor M DMC-135 Full Semester Student must be concurrently enrolled in one of the following TV/Video Communications courses: 215 or 230A or 230B or 230C or 230D or 260. 1.5 arranged hours per week.</td>
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<td>TV/VIDEO COMMUNICATIONS 010C, TV/VIDEO COMMUNICATIONS LABORATORY</td>
<td>0.5 UNIT</td>
<td>Sign-in/out supervised work on intermediate television projects/production assigned in a 200 level TV/Video Communications class. Accumulation of 24 hours earns 0.5 unit. Corequisite: Concurrent enrollment in TV/Video Communications 215 or TV/Video Communications 230A or TV/Video Communications 230B or TV/Video Communications 230C or TV/Video Communications 230D or TV/Video Communications 260. Open Entry / Open Exit 49753 TBA Taylor M DMC-135 Full Semester Student must be concurrently enrolled in one of the following TV/Video Communications courses: 215 or 230A or 230B or 230C or 230D or 260. 1.5 arranged hours per week.</td>
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<td>TV/VIDEO COMMUNICATIONS 010D, TV/VIDEO COMMUNICATIONS LABORATORY</td>
<td>0.5 UNIT</td>
<td>Sign-in/out supervised work on advanced television projects/production assigned in a 200 level TV/Video Communications class. Accumulation of 24 hours earns 0.5 unit. Corequisite: Concurrent enrollment in TV/Video Communications 215 or TV/Video Communications 230A or TV/Video Communications 230B or TV/Video Communications 230C or TV/Video Communications 230D or TV/Video Communications 260. Open Entry / Open Exit 49754 TBA Taylor M DMC-135 Full Semester Student must be concurrently enrolled in one of the following TV/Video Communications courses: 215 or 230A or 230B or 230C or 230D or 260. 1.5 arranged hours per week.</td>
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<td>TV/VIDEO COMMUNICATIONS 100, INTRODUCTION TO ELECTRONIC MEDIA: TV, RADIO, FILM, AND THE INTERNET</td>
<td>3.0 UNITS</td>
<td>A survey course exploring film as an art form and developing appreciation of historical, artistic, and technical advances from 1890s to 1945. 49825 10:15a-11:40a M W Taylor M SAC A-210 Full Semester</td>
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<tr>
<td>TV/VIDEO COMMUNICATIONS 103, HISTORY OF FILM TO 1945</td>
<td>3.0 UNITS</td>
<td>A survey course exploring film as an art form and developing appreciation of historical, artistic, and technical advances. 47925 1:30p-4:40p M Taylor M SAC A-210 Full Semester 47927 4:45p-7:55p Th Lunnel E SAC A-210 Full Semester</td>
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<tr>
<td>TV/VIDEO COMMUNICATIONS 104, HISTORY OF FILM FROM 1945 TO PRESENT</td>
<td>3.0 UNITS</td>
<td>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. 47928 1:30p-4:40p W Dermody M SAC A-210 Full Semester 47929 4:45p-7:55p Tu Taylor M SAC A-210 Full Semester 49767 6:15p-9:25p M Lunnel E SAC A-130 Full Semester</td>
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<tr>
<td>TV/VIDEO COMMUNICATIONS 110, INTRODUCTION TO TELEVISION PRODUCTION</td>
<td>3.0 UNITS</td>
<td>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. 47955 12:55p-1:55p Tu Th Dermody M DMC-135 Full Semester 2:05p-3:30p Tu Th Dermody M DMC-135 Full Semester</td>
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<td>TV/VIDEO COMMUNICATIONS 112, INTRODUCTION TO VIDEO EDITING AND POSTPRODUCTION</td>
<td>3.0 UNITS</td>
<td>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. 49756 6:15p-7:15p Th Tu Ordiano C DMC-204 Full Semester 7:25p-8:50p Th Tu Ordiano C DMC-204 Full Semester</td>
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<td>TV/VIDEO COMMUNICATIONS 120, BEGINNING SCREENWRITING FOR TV, FILM, THE WEB, CORPORATE VIDEO AND DIGITAL MEDIA</td>
<td>3.0 UNITS</td>
<td>Designed to acquaint students with fundamentals of writing scripts for television, motion pictures, the web, corporate videos and digital media. Emphasis on the development of outlines, treatments, and scripts for short format programs or segments of feature length shows. Recommended Preparation: English 101 or English 101H. 47930 1:30p-4:40p W Lunnel E SAC I-103 Full Semester</td>
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<td>TV/VIDEO COMMUNICATIONS 121, INTERMEDIATE SCRIPTWRITING FOR TV, FILM, THE WEB, CORPORATE VIDEO AND DIGITAL MEDIA</td>
<td>3.0 UNITS</td>
<td>Explores professional requirements for scriptwriters and their relationship to the production, direction and development of scripts for TV, film, the Web, corporate video and digital media. Strengthens fundamental writing skills. Prerequisite: TV/Video Communications 120 with a minimum grade of C. 47931 1:30p-4:40p W Lunnel E SAC I-103 Full Semester</td>
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<td>TV/VIDEO COMMUNICATIONS 123, ADVANCED SCRIPTWRITING FOR TV, FILM, THE WEB, CORPORATE VIDEO AND DIGITAL MEDIA</td>
<td>3.0 UNITS</td>
<td>Explores professional requirements for writing screenplays for TV, film, and the web plus scripts for corporate videos and digital media. Advanced individual projects enhance student writing skills and body of work. Prerequisite: TV/Video Communications 121 with a minimum grade of C. 47932 1:30p-4:40p W Lunnel E SAC I-103 Full Semester</td>
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### TV/VIDEO COMMUNICATIONS 130, PRINCIPLES OF BROADCAST NEWS

**3.0 UNITS**
- Introduction to broadcast journalism for TV and digital platforms 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.
- **49759**
  - 12:55p-1:45p Tu Th Taylor M DMC-103 Full Semester
  - 1:55p-2:30p Tu Th Taylor M DMC-103

### TV/VIDEO COMMUNICATIONS 140, CINEMATOGRAPHY

**3.0 UNITS**
- Concepts and practice of cinema-graphic, filming, and lighting techniques as applied to single-camera film and video production. Emphasizes actual live production of a weekly on-air cable newscast using live production methodology and equipment. Prior or concurrent enrollment in Television/Video Communications 110, 112 and 115A recommended.
- **49764**
  - 6:15p-7:15p M W Staff DMC-135 Full Semester
  - 7:25p-8:50p M W Staff DMC-135

### TV/VIDEO COMMUNICATIONS 152, BEGINNING AUDIO PRODUCTION

**3.0 UNITS**
- Introduction to the theory and practice of audio production for radio, stage, television, film and digital recording applications. Students will learn the fundamentals of sound design and aesthetics, microphone use, and digital recording equipment. Students gain hands-on experience recording, editing, mixing and mastering audio. Upon completion, students will have basic knowledge of applied audio concepts, production workflow, equipment functions, and audio editing software.
- **48971**
  - 4:00p-5:30p M W Garcia J DMC-204 Full Semester
  - 5:30p-6:00p M W Garcia J DMC-204

### TV/VIDEO COMMUNICATIONS 230A, BROADCAST NEWS PRODUCTION

**3.0 UNITS**
- Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. More advanced assignments than Television/Video Communications 230B. Prior or concurrent enrollment in Television/Video Communications 110, 112 and 115A recommended.
- **49760**
  - 12:55p-1:45p Tu Th Taylor M DMC-103 Full Semester
  - 1:55p-2:30p Tu Th Taylor M DMC-103

### TV/VIDEO COMMUNICATIONS 230B, BROADCAST NEWS PRODUCTION

**3.0 UNITS**
- Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. More advanced assignments than Television/Video Communications 230B. Prior or concurrent enrollment in Television/Video Communications 110, 112 and 115A recommended.
- **49761**
  - 12:55p-1:45p Tu Th Taylor M DMC-103 Full Semester
  - 1:55p-2:30p Tu Th Taylor M DMC-103

### TV/VIDEO COMMUNICATIONS 230C, BROADCAST NEWS PRODUCTION

**3.0 UNITS**
- Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. More advanced assignments than Television/Video Communications 230C. Prior or concurrent enrollment in Television/Video Communications 110, 112 and 115A recommended.
- **49762**
  - 12:55p-1:45p Tu Th Taylor M DMC-103 Full Semester
  - 1:55p-2:30p Tu Th Taylor M DMC-103

### TV/VIDEO COMMUNICATIONS 230D, BROADCAST NEWS PRODUCTION

**3.0 UNITS**
- Emphasizes actual live production of a weekly on-air cable newscast using latest newsgathering methodology and equipment. More advanced assignments than Television/Video Communications 230D. Prior or concurrent enrollment in Television/Video Communications 110, 112 and 115A recommended.
- **49763**
  - 12:55p-1:45p Tu Th Taylor M DMC-103 Full Semester
  - 1:55p-2:30p Tu Th Taylor M DMC-103

### TV/VIDEO COMMUNICATIONS 255, MOTION PICTURE TECHNICAL PRODUCTION

**3.0 UNITS**
- This course provides hands-on on practical experience in technical production, culminating in a fully produced film screened to the public. The final movie presentation becomes the basis for creating a production reel.
- **49765**
  - TBA Dermody M DMC-203 Full Semester
  - 7 hours arranged per week.

### 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.
- **49766**
  - TBA Taylor M DMC-135 Full Semester
  - 8.0 hours arranged per week. Enrollment is by prior approval of instructor. Email taylor_michael2@sac.educ.

### 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.
- **49876**
  - 1:40p-3:05p Tu Th Bookman B SAC WEB Full Semester
  - Section 49876. No on-campus meeting times. Students are required to log on to Canvas on the first day of classes: [http://rscsd.instructure.com](http://rscsd.instructure.com) Your instructor has elected to use Open Educational Resources for this class and will provide a link to your course materials. There is no additional textbook cost.

#### THEATRE ARTS 107, ACTING FOR THE NON-ACTOR

**3.0 UNITS**
- Acting techniques are learned to enhance life and business skills. Intended to help all individuals become more successful professionals in their chosen careers.
- **49898**
  - 11:20a-11:50a Tu Th Soderberg J SAC P-105 Full Semester
  - 12:00p-1:25p Tu Th Soderberg J SAC P-105

#### THEATRE ARTS 108, THE BUSINESS OF ENTERTAINMENT

**3.0 UNITS**
- The study of business issues relating to the entertainment industry with a focus on the formats of film, web, TV and live performance. This course is designed for individuals desiring a career in entertainment.
- **47765**
  - 10:15a-11:40a Tu Th McDonough R SAC A-213 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.
- **49877**
  - 11:20a-11:50a Tu Th Cannon C SAC P-105 Full Semester
  - 12:00p-1:25p Tu Th Cannon C SAC P-105

#### THEATRE ARTS 111, INTERMEDIATE ACTING

**3.0 UNITS**
- Further study in the art of acting for the stage, investigating in-depth character study, role portrayal, special problems, and personal technique. Acting skills developed through use of exercises, monologues, and scenes from contemporary theatre.
- **49904**
  - 1:00p-1:30p M W Chamberlain A SAC P-105 Full Semester
  - 1:40p-3:05p M W Chamberlain A SAC P-105

#### THEATRE ARTS 118, FUNDAMENTALS OF SCENE STUDY

**2.0 UNITS**
- A continued study for the beginning actor in the preparation and presentation of scenes from modern comedies, the plays of William Shakespeare, and plays from influential playwrights such as Anton Chekov and Henrik Ibsen. Students prepare scenes with partners for performance and critique. Recommended for acting majors.
- **49900**
  - 3:10p-4:00p Tu Th Chamberlain A SAC P-105 Full Semester
  - 4:10p-5:05p Tu Th Chamberlain A SAC P-105
THEATRE ARTS 132, STAGE MAKEUP

3.0 UNITS
Basic techniques and artistry of stage makeup and its relation to the total production. Covers history, aesthetics and design theory, color theory, materials, and application procedures for varied characterizations. Practical application of learned skills are applied to departmental productions.

49920 TBA
5 hours arranged per week.

THEATRE ARTS 136, FUNDAMENTALS OF COSTUME DESIGN

3.0 UNITS
The study of costume history, design, and basic construction techniques as an introduction to basic theatrical costuming. Fabrics and their various uses will be investigated.

49921 TBA
7:00p-9:30p Tu Staff SAC T-201 Full Semester

THEATRE ARTS 151, SHOWCASE

3.0 UNITS
A study of the actor’s process in the development of a character culminating in live staged performances. Auditions for all roles are required.

49909 TBA
10 hours arranged per week.

THEATRE ARTS 255, MOTION PICTURE PERFORMANCE PRODUCTION

3.0 UNITS
Practical experience in performance production culminating in a fully produced feature film screened to the public. The final movie presentation becomes the basis for developing an actor reel. Students desiring an acting role must audition.

Recommended Preparation: Theatre Arts 113 and Theatre Arts 114 with minimum grade of C.

49919 TBA
Cannon C SAC P-105 Full Semester

7 hours arranged per week.

THEATRE ARTS 256, INTERMEDIATE MOTION PICTURE PERFORMANCE PRODUCTION

3.0 UNITS
Intermediate level practical experience in performance production culminating in a fully produced feature film screened to the public. The final movie presentation becomes the basis for developing an actor reel. Students desiring an acting role must audition.

Prerequisite: Theatre Arts 255 with minimum grade of C.

49917 TBA
Cannon C SAC P-105 Full Semester

7 hours arranged per week.

VIETNAMESE

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.

46719 11:15a-1:45p Tu Th Tran T SAC D-210 Full Semester

46717 7:00p-9:30p F Tram D SAC I-206 Full Semester

9:00a-11:30a Sa Tram D SAC I-206

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 with a minimum grade of C.

46721 7:00p-9:30p Tu Th Tran D SAC I-202 Full Semester

WELDING

WELDING 108, 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.

49673 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

49682 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

49697 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49689 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49690 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49691 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

WELDING 125A, INTERMEDIATE ARC WELDING LEVEL I

3.0 UNITS
This course is 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 108 and Welding 125A with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

49710 8:00a-3:30p Sa Perez J SAC K-115 Full Semester

49702 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

WELDING 125B, INTERMEDIATE ARC WELDING LEVEL II

3.0 UNITS
This is a course designed to improve the student’s prior acquired arc welding skills and prepare the student to pass the welding certification test. Student is introduced to the preparation of the 1” plate. This course will introduce the students to the Licensing Class D1.1. rules and regulations from the Department of Building and Safety with the city of Los Angeles. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1” steel), using the shielded metal arc welding process E-7018 (SMAW).

Prerequisite: Welding 108 and Welding 125A with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

49718 3.0 UNITS
8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

49719 3.0 UNITS
5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49660 5:00p-8:50p Tu Th Moreno G SAC K-101 Full Semester

WELDING 129A, ADVANCED ARC WELDING LEVEL I

3.0 UNITS
This course is designed to help students enhance previously acquired arc welding skills and prepare them to pass the welding certification test. Provides advanced manipulative skills and technical knowledge needed to pass a 1” plate guided bend test required for structural steel certification.

Prerequisite: Welding 108 with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills.

49676 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

49691 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49660 5:00p-8:50p Tu Th Moreno G SAC K-101 Full Semester

WELDING 129B, ADVANCED ARC WELDING LEVEL II

3.0 UNITS
This is a course designed to advance the student’s previously acquired arc welding skills and prepare the student to pass the welding certification test. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1” steel), using the shielded metal arc welding process E-7018 according to the American Welding Society rules and regulations. Students will take the D1.1 certification test at this level.

Prerequisite: Welding 129A with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

49677 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

49693 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49661 5:00p-8:50p Tu Th Moreno G SAC K-101 Full Semester

WELDING 129C, ADVANCED ARC WELDING LEVEL III

3.0 UNITS
This is a course designed to improve and master the student’s previously acquired arc welding skills to an advanced level and prepare the student to pass the welding certification test. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1” steel), using the shielded metal arc welding process E-7018 according to the American Welding Society rules and regulations. Students will take the D1.1 certification test at this level.

Prerequisite: Welding 129B with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

49678 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

49694 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49665 5:00p-8:50p Tu Th Moreno G SAC K-101 Full Semester

WELDING 129D, ADVANCED ARC WELDING LEVEL IV

3.0 UNITS
This course provides level one instruction on the principles, equipment, welding techniques, mode of operations, and safety for (FCAW) wire fused arc welding used for structural steel. It is also designed to improve the student’s formerly acquired arc welding skills and prepare the student to pass the welding certification test D1.1. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1” steel), using FCAW 2/32 wire (flux cored arc welding).

Prerequisite: Welding 129C with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

49680 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

49696 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49664 5:00p-8:50p Tu Th Moreno G SAC K-101 Full Semester

WELDING 139A, INERT GAS WELDING LEVEL I

3.0 UNITS
This course will introduce the student to gas tungsten arc welding (GTAW) and metal inert gas welding (MIG) of aluminum, mild steel and stainless steel.

Prerequisite: Welding 108 with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills.

49682 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

49679 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49665 5:00p-8:50p Tu Th Moreno G SAC K-101 Full Semester

WELDING 139B, INERT GAS WELDING LEVEL II

3.0 UNITS
This course is intended to further the welding skills of the student in gas tungsten arc welding (GTAW) and metal inert gas (MIG) process. Special emphasis is placed on the horizontal position of aluminum, mild steel and stainless steel.

Prerequisite: Welding 139A with a minimum grade of C or satisfactory completion of proficiency exam in inert gas welding skills administered by the SAC Welding Instructor.

49684 8:30a-12:20p Tu Th Moreno G SAC K-101 Full Semester

49699 5:00p-8:50p M W Moreno G SAC K-101 Full Semester

49666 5:00p-8:50p Tu Th Moreno G SAC K-101 Full Semester
WELDING 139C, INERT GAS WELDING LEVEL III  
This is an advanced welding course using the gas tungsten arc welding (GTAW) process. This course is intended to give the students the skills necessary to pass the welding certification test in GTAW and MIG welding processes. The student is required to master the horizontal and vertical-up welding positions. 
Prerequisite: Welding 139B with a minimum grade of C or satisfactory completion of proficiency exam in inert gas welding skills administered by the SAC Welding Instructor.

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WELDING 140A, WELDING CERTIFICATION TRAINING LEVEL I  
This is an advanced course that will provide lecture and hands-on practice in welding in multiple areas of certification using shielded metal arc welding (SMAW) as well as in flux cored arc welding (FCAW). The student will focus on welding in the vertical and overhead position and the preparation of test plates. 
Prerequisite: Welding 108 with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills.

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WELDING 140B, WELDING CERTIFICATION TRAINING LEVEL II  
This is an advanced course that will provide lecture and hands-on practice in welding in multiple areas of certification using shielded metal arc welding (SMAW) as well as in flux cored arc welding (FCAW) in the vertical and overhead positions. The student will focus on welding with the SMAW, FCAW and pipe in the 1G and 2G positions using E6010 electrode. 
Prerequisite: Welding 140A with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

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WELDING 140C, WELDING CERTIFICATION TRAINING LEVEL III  
This is an advanced course that will provide lecture and hands-on practice in welding in multiple areas of certification using shielded metal arc welding (SMAW) as well as in flux cored arc welding (FCAW) in the vertical and overhead positions. The student will focus on welding with the SMAW, FCAW and pipe in the 5G and 6G positions using E6010 electrode. 
Prerequisite: Welding 140B with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

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<thead>
<tr>
<th>SECTION TIME</th>
<th>DAYS</th>
<th>INSTRUCTOR</th>
<th>LOCATION / ROOM</th>
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<tr>
<td>49688</td>
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<td>Full Semester</td>
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Looking to transfer for a degree, or find work in Welding? 
It starts at SAC 
Undergraduate Certificate in Welding Technology/Welder  
Program Length: 12 months

WELDING TECHNOLOGY CERTIFICATE OF ACHIEVEMENT  
The certificate curriculum in welding technology is designed to provide comprehensive occupational training in all common types of welding methods relating to the needs of today's welding fabrication industry. The program provides students with manipulative skills and technical knowledge required to operate oxyacetylene, shielded electric arc, MIG, TIG and semiautomatic flame cutting welding equipment. In addition, students will be prepared for certification as required by employment in the welding industry. Employment opportunities available are: welder, welder technician, inspector, maintenance welder, production welder in manufacturing, construction industries and shipbuilding. The Santa Ana College Welding Program is a Los Angeles certified Testing Lab Facility. The program offers training and testing for the following certifications: SAW, FCAW, TIG, and MIG.

ADVANCED ARC-SEMI-AUTOMATIC WELDING CERTIFICATE OF ACHIEVEMENT  
The certificate curriculum in welding technology is designed to provide advanced occupational training in Advanced Arc and Inert Gas Welding in common types of welding methods relating to the needs of today's welding fabrication industry. The program provides students with manipulative skills and technical knowledge required to operate oxyacetylene, shielded electric arc, MIG, TIG and semiautomatic flame cutting welding equipment. In addition, students will be prepared for certification as required by employment in the welding industry. Employment opportunities available are: welder, welder technician, inspector, maintenance welder, production welder in manufacturing, construction industries and shipbuilding. The Santa Ana College Welding Program is a Los Angeles certified Testing Lab Facility. The program offers training and testing for the following certifications: SAW, FCAW, TIG, MIG and PIPE.

ADVANCED PIPE WELDING TECHNOLOGY CERTIFICATE OF ACHIEVEMENT  
The certificate curriculum in welding technology is designed to provide advanced occupational training in Pipe Welding, both Manually in Advanced Arc and Automatically through Orbital Technologies with Inert Gas Welding Processes. These classes are designed to meet both current and future needs in the pipe welding industry. The program provides students oxyacetylene, shielded electric arc, semi-automatic flame cutting equipment, Orbital Welding Technologies using MIG and TIG processes automatically. In addition, students will be prepared for certification as required by employment in the pipe welding industry. Employment opportunities available are welder, welder technician, inspector, maintenance welder, production welder in manufacturing, construction industries, and shipbuilding. The Santa Ana College Welding Program is a Los Angeles certified Testing Lab Facility. The program offers training and testing for the following certifications: SAW, FCAW, TIG, MIG and pipe.

AUTOMATED ROBOTIC WELDING SYSTEMS CERTIFICATE OF ACHIEVEMENT  
The certificate curriculum in welding technology is designed to provide advanced occupational training in Automated Robotic Welding. The program provides students with training in set up, programming and operation in automated systems. The program provides the students the knowledge in the Gas Metal Arc Welding process. In addition, students will be prepared for certification as required by employment in the robotic welding industry. Employment opportunities available are welder, robotic welder technician, inspector, production welder in manufacturing and shipbuilding.

For more information, call (714) 564-6671
WELDING 153A, MATH/BLUE PRINT READING FOR WELDERS 3.0 UNITS
This class is designed to introduce the welding student to math and blue print reading and their applications for welders related to the welding industry. Emphasis will be placed on the practical problems in mathamatic (for welders) measuring, instruments, area, volume, fractions, decimals and metric systems. This course will allow the student to read and interpret shop and field drawings and prints related to the welding industry.
49718 6:00p-9:10p Th Guzman G SAC D-105 Full Semester

WELDING 153B, MATH/BLUE PRINT READING FOR WELDERS 3.0 UNITS
This is an advanced course designed to allow students to function at a higher math and blue print reading level and their applications for welders related to the welding industry. Emphasis will be placed on the common fractions, decimal fractions, perimeter of squares, areas of triangle, volumes, circumferences of circles and diameter. The student will be able to read and interpret shop and field drawings, and prints related to the welding industry.
49720 6:00p-9:10p Th Guzman G SAC D-105 Full Semester

WELDING 154A, BEGINNING PIPE FUNDAMENTALS 3.0 UNITS
The pipe welding industry requires a higher skilled welder. This course consists of 112 hours of training in safety, preparation, welding, terminology, blueprints, and codes. Emphasis will be on open root groove welds on pipe using the Shielded Metal Arc Welding Process using E6010 and E7018 electrodes. Students will learn pipe terminology and proper practices used in different industries.
Prerequisite: Welding 125A with a minimum grade of C.
49711 8:00a-3:30p Sa Perez J SAC K-115 Full Semester

WELDING 154B, INTERMEDIATE PIPE WELDING 3.0 UNITS
The pipe welding industry requires a higher skilled welder. This course consists of 112 hours of training in safety, preparation, welding, terminology, blueprints, and codes. Emphasis will be on open root groove welds on pipe using the Shielded Metal Arc Welding Process, using E6010 and E7018 electrodes. Students will learn pipe terminology and proper practices used in different industries. Students will be introduced to Orbital Welding Technology.
Prerequisite: Welding 154A with a minimum grade of C.
49712 8:00a-3:30p Sa Perez J SAC K-115 Full Semester

WELDING 156A, BEGINNING ROBOTIC WELDING 3.0 UNITS
The course is a basic programming course that teaches students how to safely manipulate the robot through proper use of the robotic controller and Teach Pendant. This course also introduces the student to the gas metal and flux cored arc welding process. Emphasis is placed on safe operating practices, handling and storage of compressed gases, process principles, component identification, various welding techniques, and base and filler metal identification. This course is an introduction to the beginning robotic/laser technology.
Prerequisite: Welding 108 with a minimum grade of C.
49721 8:00a-1:25p Sa Kim J SAC I-109 Full Semester

WELDING 156B, INTERMEDIATE ROBOTIC WELDING 3.0 UNITS
The robotic welding course teaches students how to safely manipulate the robot through proper use of the robotic controller and Teach Pendant. Emphasis is placed on safe operating practices, handling and storage of compressed gases, process principles, component identification and welding procedures. Students will be able to input welding procedures, jog frames, circular moves, weaving, copy-delete-commands, six point tool center and other activities related to the robotic welding process.
Prerequisite: Welding 156A and Welding 157A with a minimum grade of C.
49723 8:00a-1:25p Sa Kim J SAC I-109 Full Semester

WELDING 156C, ADVANCED ROBOTIC WELDING 3.0 UNITS
The Advanced Robotic Welding course teaches students how to safely manipulate the robot through proper use of the robot controller and Teach Pendant. Emphasis is placed on safe operating practices, handling and storage of compressed gases, process principles, component identification and welding procedures. Students will be able to create programs in robotic welding safety, TTP Management, USER Frames, coordinated motion, TAST, TAST-RPM, position registers & offsets, touch & sensing and activities relating to the robotic welding process.
Prerequisite: Welding 156B with a minimum grade of C.
49724 8:00a-1:25p Sa Kim J SAC I-109 Full Semester

WELDING 157A, BASIC ROBOTIC PROGRAMMING 3.0 UNITS
This is a basic programming course that teaches students how to safely manipulate an industrial robot through proper use of a controller. Topics include safe operating practices, linear movements, coordinate systems, Teach Pendant programming, and software/hardware integration.
Prerequisite: Welding 108 with a minimum grade of C.
49731 6:00p-9:50p Tu Th Moreno G SAC K-101 Full Semester

WELDING 157B, INTERMEDIATE ROBOTIC PROGRAMMING 3.0 UNITS
This course is a programming course that teaches students how to safely manipulate an industrial robot through proper use of a controller. Topics include safe operating practices, circular movements, robot set-up, advanced Teach Pendant programming and functions, and auxiliary hardware.
Prerequisite: Welding 156A or Engineering 156A and Welding 157A or Engineering 157A with a minimum grade of C.
49732 6:00p-9:50p Tu Th Moreno G SAC K-101 Full Semester

WELDING 157C, ADVANCED ROBOTIC PROGRAMMING WELDING 3.0 UNITS
This is an advanced programming course that teaches students how to safely manipulate an industrial robot through proper use of a controller. Topics include safe operating practices, logic commands, and coordinate systems, advanced Teach Pendant programming, network integration, simulations, and software/hardware integration.
Prerequisite: Welding 156B or Engineering 156B and Welding 157B or Engineering 157B with a minimum grade of C.
49734 6:00p-9:50p Tu Th Moreno G SAC K-101 Full Semester

WELDING 198, INTRODUCTION TO PROCESS VALIDATION AND VERIFICATION OF LASER WELDING PROCESS: LEVEL 1 3.0 UNITS
This course is designed to introduce students to laser welding validation and the development of manufacturing capabilities using fiber laser welding equipment.
49735 8:00a-3:50p Sa Campos R 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.
46715 11:50a-1:15p Tu Th Cecil K SAC D-304 Full Semester

WOMEN’S STUDIES 102, WOMEN IN AMERICA: WORK, FAMILY, SELF 3.0 UNITS
An examination of women’s roles in America. Emphasis on employment, family structures, and personal development. Topics include: historical patterns, socialization, opportunities, sexism, identity, growth, law, unionization, sexual harassment, media influence, family pressures, child care, guilt, stress.
46716 6:30p-9:40p Th Cecil K SAC D-204 Full Semester

Digital Dons is a pilot program designed to meet students’ technology needs and create more equitable course completion.

As part of this program, laptops are now available to all students through the campus bookstore with an exclusively discounted price. Additionally, eligible students may borrow a laptop and keep it for an entire term.

Borrowing
To borrow a laptop, a student must be enrolled in a minimum of 9 units in the Fall or Spring and be referred by one of the following student services programs or offices:

¡Adelante! - EOPS
Athletes - MESA
Freshman Experience - Student Government
Veterans - Disabled students are also eligible through DSPS.

Laptops are distributed during a required orientation class. During the orientation, students are required to agree to the Terms and Conditions of the program and present their student ID card.

For more information: www.sac.edu/StudentServices/digital-dons
## STUDENT SERVICES
### SERVICE HOURS & PROGRAMS

#### SERVICE HOURS

**ADMISSIONS/REGISTRATION HOURS**
First floor of the Administration Building, S-101
Santa Ana College . 714-564-6005
Monday–Thursday . 8:00 am to 6:45 pm
Friday . 8:00 am to 4:30 pm
Saturday . 8:30 am to 12:30 pm on 9/2/17 only

**CASHIER’S OFFICE & PHOTO I.D. HOURS**
The Village, Room VL-205B
Santa Ana College . 714-564-6965
Monday–Thursday . 8:00 am to 5:00 pm
Friday . 8:00 am to 4:00 pm

**BOOKSTORE HOURS** (subject to change)
Located the Village, Room VL-209
Santa Ana College Bookstore . 714-564-6435
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.

**BOOKSTORE REFUND POLICY**
Textbooks for full semester courses can be refunded within one week of the first day of classes with current register receipt. Test materials/supplies also available in VENDING machine located in Cesar Chavez Building and at the Don Express.

### LIBRARY HOURS
Santa Ana College Nealley Library . 714-564-6700
Monday–Thursday . 7:30 am to 9:30 pm
Friday . 9:00 am to 1:00 pm
Saturday . 10:00 am to 2:00 pm
Sunday . Closed

**LIBRARY USE POLICY**
Current enrollment and a valid photo I.D. card is required to check out materials.

#### DON EXPRESS
Snacks, sandwiches, drinks, school supplies, test forms, and magazines. Located between Dunlap Hall and Phillips Hall
Monday–Thursday . 7:30 am to 7:30 pm

### SERVICE PROGRAMS

#### ASSOCIATED STUDENT GOVERNMENT (ASG)

**The Village, Room VL-103** . 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 DEVELOPMENT/CAREER TECHNICAL EDUCATION (CTE) STUDENT SUCCESS CENTER**
SAC Library Building 2nd floor, Room L-222 . 714-564-6254
The Career Development/Career Technical Education (CTE) Student Success Center is a one-stop office which provides CTE students with academic counseling, support and resources to guide them to program completion, and preparation for employment. Career services include access to resources on careers and training programs, pre-internships and volunteer service learning opportunities, as well as employment preparation workshops and job placement services. Individuals and classes are welcome to utilize the Center to explore career information.

**UNDETERMINED MAJOR 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. Call for dates and times.

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#### EMPLOYMENT PREPARATION WORKSHOPS
Employment Preparation Workshops are offered on an ongoing basis in the following areas: Résumé Preparation, Interview Skills and LinkedIn. Call for dates and times.

**CENTER FOR TEACHER EDUCATION**
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.

### 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 714-480-7545

### COMMUNITY SERVICES

**SAC Administration Building, S-203** . 714-564-6594
Also at www.sac.edu/cms . 714-564-6309
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.

### Do you know where your COLLEGE ACTIVITIES FEES GO?

Your fees go to fund these programs and services to give you discounts:

- Amusement Park Discounts
- ASG Book Loan Program
- Athletic Event Discounts
- “The Spot” Student Lounge
- Inter Club Council
- Cultural Events
- Movie Theatre Discounts
- Student Activities Office
- Student Leadership Programs (ASG)

Additionally, the College Activities Fee supports academic, cultural, and social programs and activities.

### Student Activities

**SPRING 2018**
Sponsored by Associated Student Government (ASG) and Inter-Club Council (ICC) of Santa Ana College

**FEBRUARY**
- Welcome Back Events
- Black History Month
- Club Rush

**MARCH**
- Women’s History Month Celebration
- KinderCaminata
- Cesar Chavez Day (observed)

**APRIL**
- 2018-2019 ASG Elections
- Asian Pacific American Heritage Month
- Earth Week

**MAY**
- Cinco de Mayo
- Student Leadership Awards Banquet
- Commencement
STUDENT SERVICES (Continued)

COUNSELING SERVICES
SAC Administration Building, Room S-112 . . . . 714-564-6103
SAC Counseling Services provide a variety of programs and procedures through which individuals are brought into the instructional program. Services are free to all SAC and/or CEC students. Counseling is provided to facilitate the college experience and to assist students to achieve their educational goals. EOPS also houses the CARE 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 located listed above. Classes relating to mental health issues which provide education and support, are also offered by Psychologi- cal Services (see class schedule under Special Services).

LEARNING CENTER
SAC Dunlap Hall, Room D-307 . . . . . . . . . 714-564-6569
Hours: Mon-Thur. 9am-7pm, Fri. 10am-2pm, Sat. 12pm-3pm—beginning 2nd week of semester
The Learning Center offers a wide selection of resources providing students with skills and strategies to promote their success. Services include supplemental learning (DLAs), tutoring in a variety of subjects, computer-aided instruction, and workshops. Walk-in tutoring is available for writing assistance, English and reading. Modern language tutoring is available at posted hours; other subjects are by appointment only. Reservations are recommended for all workshops. Distance Ed students may receive assistance by emailing learningcenter@sac.edu. Workshops are posted on the SAC Learning Center Facebook page or The Learning Center tab on the college website. Services free to all SAC and CEC students. For more informa-

STUDENT SERVICES
(Continued)

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IDAD PROGRAMS AND SERVICES (DSPS)
Santa Ana College is committed to equal access and opportunity for individuals with disabilities. The DSPS program provides academic accommodations and support services to minimize disability related barriers. Individualized programs are designed to enable students to compete academically on the equal basis with their non-disabled peers. Please contact any of the DSPS services listed below and we will gladly answer your questions.

DSPS MAIN OFFICE
The Village, Room VL-203 . . . . . . . . . . . . . . . . . 714-564-6264
Services include: intake & verification of disability status, referrals to other DSPS services on campus, disability related counseling, registration assistance, elevator cards, mobility and learning assistance.

ASSISTIVE TECHNOLOGY CENTER
The Village, Room VL-203 . . . . . . . . . . . . . . . . . 714-564-6264
The center provides computer assisted instruction through the use of assistive technology for disabled students.

ACQUIRED BRAIN IMPAIRMENT SERVICES
The Village, Room VL-203 . . . . . . . . . . . . . . . . . 714-564-6819
TTY . . . . . . . . . . . . . . . . . . . . . . . . . . . . 714-564-6347
Students with verifiable communication disabilities or acquired brain impairments can receive assistance with program planning, registration, assessment, and computer assisted instruction.

DEAF AND HARD OF HEARING SERVICES
The Village, Room VL-203 . . . . . . . . . . . . . . . . . 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
The Village, Room VL-203 . . . . . . . . . . . . . . . . . 714-564-6264
Centennial Education Center,
Room D-101 . . . . . . . . . . . . . . . . . . . . . . . . . . . 714-564-5135
Services for students with learning deficits severe enough to affect classroom performance. Services includes assessment, tutoring, and special classes.

PSYCHOLOGICAL DISABILITIES
The Village, Room VL-203 . . . . . . . . . . . . . . . . . 714-564-6264
The Psychological Disabilities Services is designed to support and assist students with mental and emotional disorders who are attempting to function more independently.

VETERANS RESOURCES CENTER
SAC Planetarium M-120 . . . . . . . . . . . . . . . . . 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.

VETERANS UPWARD BOUND
SAC Planetarium M-120 . . . . . . . . . . . . . . . . . 714-564-6288
Santa Ana College is committed to equal access and opportunity for individuals with disabilities. The DSPS program provides academic accommodations and support services to minimize disability related barriers. Individualized programs are designed to enable students to compete academically on the equal basis with their non-disabled peers. Please contact any of the DSPS services listed below and we will gladly answer your questions.

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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 coursework, 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.

LOSS OF PRIORITY REGISTRATION

- Not completing the above services may result in loss of priority registration.
- You will also lose priority registration if you are on academic or progress probation for 2 semesters, or if you have more than 100 degree applicable units.

LOSS OF BOG FEE WAIVER

- Effective Fall 2016 you will lose your BOG fee waiver if you are on academic or progress probation for 2 consecutive semesters.

ARE YOU A NEW OR RETURNING STUDENT?

In an effort to promote student success, the state has mandated (effective Fall 2014) that all entering students complete English and math placement testing, orientation and advisement, and develop an abbreviated educational plan. These requirements can be met by following these steps:

1. Take the English and Math or ESL placement tests (appointments can be made at www.sac.edu/assessmentcenter).
2. Attend a new student orientation and advisement session (an appointment will be scheduled after you complete your placement tests).
3. Create an Abbreviated Educational Plan, this will be done during the orientation and advisement session.

If you completed placement testing at another college, bring your test results (must show test score & class placement) to the Counseling Center.

Have you completed 15 degree applicable units? Students must also identify their major by the time they complete 15 degree applicable units and receive advisement towards the development of a comprehensive educational plan. This can be done by enrolling in Counseling courses, attending an education planning workshop, or by scheduling an appointment with a counselor.

CAN’T AFFORD TEXTBOOKS?

Look for the OER icon!

It means that the materials used in your class are in the public domain or openly licensed. FREE or LOW-COST materials used in that course!
**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 101.

IV. **Oral Communication Requirement:** See page 101.

**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.

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**I. Major Requirements**

See the Instructional Programs section of the SAC catalog.

**II. General Education Requirements for the Associate Degree**

**Plan A: 2017–2018**

**Note:** A single course may be used to meet only one catalog requirement. Plan A does not meet the general education requirements for Associate Degrees for Transfer.

A. **NATURAL SCIENCES** (minimum 3 units)

- Anthropology 101, 101L
- Astronomy 109, 110 or 110H, 140
- Biology 109 or 109H, 109L, 111, 115, 149, 177, 190, 190L, 200, 211, 239, 259
- Chemistry 109, 110, 209, 210, 219 or 219H
- Earth Science 110 or 110H, 115, 150 or 150H
- Environmental Studies 140, 200, 259
- Geography 101, 101L, 130
- Geology 101, 101L, 140, 150 or 150H, 201
- Physical Science 117, 118
- Physics 109, 210, 217, 279

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
   - Child Development 107, 110
   - Criminal Justice 101
   - Economics 120, 121
   - Geography 101 or 101H, 102 or 102H, 140, 155
   - History 101 or 101H, 102 or 102H
   - Political Science 101 or 101H
   - Psychology 100 or 100H
   - Sociology 100 or 100H

C. **HUMANITIES** (minimum 3 units)

- American Sign Language 110, 111, 116, 210
- Anthropology 104 or 104H
- Art 100 or 100H, 101, 102, 105, 117
- Communications and Media Studies 103, 111
- Dance 100 or 100H, 105
- English 104 or 104H
- Foreign Language: Chinese 101, 102
  - French 101, 102, 201 or 201H, 202 or 202H
  - Italian 120, 121
  - Japanese 101, 102
  - Spanish 101 or 101H, 102 or 102H, 195A, 195B, 201 or 201H, 202 or 202H
  - Vietnamese 101, 102
- Interdisciplinary Studies 121, 200
- Kinesiology, Professional 170
  - Literature: Communications and Media Studies 110
  - English 102 or 102H, 231, 232, 233ABC, 241, 242, 270, 271, 272
  - Music 101 or 101H, 102 or 102H, 104, 105, 110, 111, 211
  - Philosophy 106 or 106H, 108, 112, 118
  - 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**

   - American Sign Language 116
   - Anthropology 104 or 104H, 125
   - Art 103, 104, 106
   - Asian American Studies 101
   - Black Studies 101
   - Chicano Studies 101
   - Child Development 221
   - 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
   - Kinesiology, Health Education 102
   - Literature: English 245, 246, 278
   - Music 103
   - Nutrition and Food 118
   - Political Science 235
   - Psychology 170
   - 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
   - Counseling 144
   - English 102 or 102H, 103 or 103H
   - Mathematics 078, 083, 084, 105, 140, 145, 150, 160, 170, 180 or 180H, 185, 204, 219 or 219H, 280, 287
   - Philosophy 110 or 110H, 111
   - Psychology 210
   - Reading 102, 150

Please see page 21 of the SAC Catalog for requirements for the Associate in Arts for Transfer (AA-T) and the Associate in Science for Transfer (AS-T).
F. LIFELONG UNDERSTANDING & SELF-DEVELOPMENT
(minimum 3 units) Note: Take one course from each group.
No more than one (1) unit may be counted from F2.

Note: A single course may be used to meet only one category requirement (A-F) in section II. However, a course may be used to meet both a required proficiency or oral communication requirement, as well as one of the categories of General Education Courses on Plan A. Courses which meet the requirements for Part II of Plan A at Santiago Canyon College will automatically meet the identical requirements for Part II of Plan A at Santa Ana College.

Three units for health education and one unit for Kinesiology may be granted on the basis of military service. Please see a SAC counselor or the SAC Catalog for additional information.

1. Completion of one of the following:
   Business 130
   Child Development 107
   Counseling 100, 116, 120, 124, 125, 128
   Entrepreneurship 100
   Fashion Design Merchandising 103
   Interdisciplinary Studies 111, 155
   Kinesiology, Health Education 101, 102, 103, 104, 120
   Kinesiology, Professional 125, 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, Adapted Activities 201A, 202A, 205A, 208A, 208B, 211A
   Kinesiology, Aerobic Fitness 140, 140A, 143A, 144A, 146A, 146B, 150A, 150B, 156A, 157A
   Kinesiology, Aquatics 201A, 201B, 204
   Kinesiology, Professional 155, 165, 175, 200, 275

This requirement (F) is met for Fire (as long as Fire Technology 121 and 121L are taken as part of the program), Nursing, and Occupational Therapy Assistant majors by completion of their major.

III. REQUIRED PROFICIENCIES
Courses listed can also be used to meet General Education Requirements in groups A through F where appropriate. Courses taken to meet these proficiencies must be completed with a grade of C or better.

A. READING
   1. Satisfactory score on the SAC/SCC Reading Placement Test at the time of initial placement testing, OR
   2. Satisfactory score on a Reading Department Test, OR
   3. Successful completion of any Reading course at the 100 level, OR
   4. A "C" grade, or better in English 102/102H, English 103/103H or Philosophy 110/110H.

B. MATHEMATICS
   1. Completion of Mathematics 083/084 or any other 3 unit mathematics course numbered above the level of 083/084 OR
   2. Score on the SAC/SCC mathematics placement test indicating placement in a mathematics course numbered above the level of 083/084.

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/NoPass: 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. Residence: 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.
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.)

<table>
<thead>
<tr>
<th>B1: Physical Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astronomy 108, 110 or 110H</td>
</tr>
<tr>
<td>Chemistry 109, 115, 119, 201, 210, 219 or 219H</td>
</tr>
<tr>
<td>Earth Science 110 or 110H, 115, 150 or 150H</td>
</tr>
<tr>
<td>Environmental Studies 140</td>
</tr>
<tr>
<td>Geography 101, 103</td>
</tr>
<tr>
<td>Geology 101, 140, 150 or 150H, 201</td>
</tr>
<tr>
<td>Physical Science 115, 117</td>
</tr>
<tr>
<td>Physics 109, 210, 211, 217, 227, 237, 279, 289</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B2: Life Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology 101</td>
</tr>
<tr>
<td>Biology 109 or 109H, 111, 115, 139, 149, 177, 190, 211, 212, 214, 229, 239, 259</td>
</tr>
<tr>
<td>Environmental Studies 259</td>
</tr>
<tr>
<td>Earth Science 115</td>
</tr>
<tr>
<td>Geology 101L</td>
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<tr>
<td>Geology 101L, 201</td>
</tr>
<tr>
<td>Physics 109, 210, 211, 217, 227, 237, 279, 289</td>
</tr>
<tr>
<td>Physical Science 115, 118</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B3: Laboratory Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology 101L</td>
</tr>
<tr>
<td>Biology 108L, 111, 115, 139, 149, 190L, 211, 212, 214, 229, 239, 259</td>
</tr>
<tr>
<td>Chemistry 109, 115, 119, 201, 210, 219 or 219H</td>
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</tbody>
</table>

<table>
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<tr>
<th>B4: Mathematics/Quantitative Reasoning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses must be completed with a grade of &quot;C&quot; or better. Mathmatics 105, 140, 145, 150, 160, 170, 180 or 180H, 185, 204, 219 or 219H, 280</td>
</tr>
<tr>
<td>Psychology 201</td>
</tr>
</tbody>
</table>

C. Arts and Humanities (minimum 9 semester/12 quarter units)
This area must include one course from C1 and one course from C2.

<table>
<thead>
<tr>
<th>C1: Arts, Cinema, Dance, Music, Theatre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 100 or 100H, 101, 102, 103, 104, 105, 106, 107, 108 Communications and Media Studies 103</td>
</tr>
<tr>
<td>Dance 100 or 100H, 102,105 English 233A, 233B, 233C, 233D</td>
</tr>
<tr>
<td>Interdisciplinary Studies 121</td>
</tr>
<tr>
<td>Music 101 or 101H, 102 or 102H, 103, 104, 105, 110, 111, 211</td>
</tr>
<tr>
<td>Photography 150 Television/Video Communications 103, 104</td>
</tr>
<tr>
<td>Theatre Arts 100, 105</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C2: Humanities, Literature, Philosophy, Languages Other Than English</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Sign Language 110, 111, 116, 210 Chinese 101, 102</td>
</tr>
<tr>
<td>History 101 or 101H, 102 or 102H, 150, 151, 153, 163 Interdisciplinary Studies 290</td>
</tr>
<tr>
<td>Italian 120, 121 Japanese 101, 102 Kinesiology, Professional 170</td>
</tr>
<tr>
<td>Philosophy 106 or 106H, 108, 112, 118 Spanish 101 or 101H, 102 or 102H, 195A, 195B, 201 or 201H, 202 or 202H Vietnamese 101, 102</td>
</tr>
</tbody>
</table>

D. Social Sciences (minimum 9 semester/12 quarter units)
The 9 units selected from this area must include courses from at least 2 different disciplines.

| D1: Anthropology 100 or 100H, 103, 104 or 104H, 105, 125 Asian American Studies 101 |
| Biology 200 Black Studies 101 |
| Chicano Studies 101 Child Development 107, 110 Communication Studies 103 or 103H, 206 or 206H |
| Communications and Media Studies 105 or 105H, 111 Computer Science 100 |
| Counseling 150 Criminal Justice 101 |
| Economics 120, 121 English 104 or 104H, 245, 278 Environmental Studies 200 Ethnic Studies 101 or 101H, 102 or 102H Geography 100 or 100H, 102, 140 History 101 or 101H, 102 or 102H, 105, 118, 120 or 120H, 121, 123, 124 or 124H, 125, 127, 133, 146, 150, 151, 153, 163, 181 Interdisciplinary Studies 117H, 155 Kinesiology, Professional 150 Political Science 101 or 101H, 200 or 200H, 201, 220, 235 Psychology 100 or 100H, 140, 157, 170, 200, 219, 230, 240, 250 Sociology 100 or 100H, 112, 140 or 140H, 240 Women’s Studies 101, 102 |

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 122H, 121 or 121H, 123, 124 or 124H, 127, 146. These courses (in bold in Area D) 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.

<table>
<thead>
<tr>
<th>E1: Business 130</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Development 107, 229 Communication Studies 104</td>
</tr>
<tr>
<td>Counseling 100, 116, 120, 124, 125, 128 Interdisciplinary Studies 155</td>
</tr>
<tr>
<td>Kinesiology, Health Education 101, 102, 103, 104 Kinesiology, Professional 125 Nutrition and Food 115 or 115H Psychology 140, 157, 230 Sociology 112 Study Skills 109</td>
</tr>
</tbody>
</table>
AREA 1 - ENGLISH COMMUNICATION

C.S.U.: 3 courses required, one from each group.
U.C.: Courses required, one 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)

Group C: Oral Communication (CSU ONLY)
1 course, 3 semester/4-5 quarter units.
Communication Studies 102, 103H** or 103H**, 140, 145

AREA 2A - MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING
1 course, 3 semester/4-5 quarter units.

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 101**, or 100H**, 101, 102, 163, 104, 105, 106, 108

Group B: Humanities (minimum 1 course)
American Sign Language 111, 116, 210

GROUP C: Laboratory Activity
Anthropology
Astronomy

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

American Studies 101

Biology 200

Black Studies 101

Chicano Studies 101

Child Development 107**

Communication Studies 206**, or 206H**

Communications and Media Studies 105**, or 105H**, 111

Criminal Justice 101

Economics 120, 121

English 104**, or 104H**

Environmental Studies 200

Ethnic Studies 101**, or 101H**, 102**, or 102H**

Geography 101**, or 101H**, 102**, or 102H**, 104, 106


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

Sociology 100**, or 100H**, 140**, or 140H**, 240

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**


Earth Science 110**, or 110H**, 115**, 150**, or 150H**

Environmental Studies 140

Geography 101**, 130

Geology 101**, or 150**, or 150H**, 201

Physical Science 115, 117*


* 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.
FINANCIAL ASSISTANCE

BOARD OF GOVERNOR’S FEE WAIVER PROGRAM
There are three ways for California residents to qualify to have their enrollment fee waived at SAC and SCC.
Submit the completed BOGW form to the Financial Aid Office for Method A and Method B.

BOGW A UNTAXED INCOME
Complete the BOGW application and provide the required documentation showing you or your family are receiving TANF, Cal Works, SSI/SSP, or General Relief. You are also eligible if you have certification from the California Department of Veterans Affairs or the National Guard Adjutant General that you are eligible for a dependent's fee waiver, or if you are eligible as a recipient of the Congressional Medal of Honor or as a child of a recipient, or a dependent of a victim of the September 11, 2001 terrorist attack. In addition you are eligible as a dependent of a deceased law enforcement/fire suppression personnel killed in the line of duty. Verification of benefits is required.

In order to remain eligible for the Board of Governors Fee Waiver (BOGW) you must be meeting the academic standards. If you are placed on academic or progress probation, or any combination thereof, for two consecutive primary terms you will lose your BOGW Fee Waiver eligibility.
If you lose your BOGW eligibility for not meeting the academic standards you may appeal. Appeals will be reviewed that have documented extenuating circumstances such as verified cases of accidents, illnesses, or other circumstances that might include documented changes in the student's economic situation or evidence that the student was unable to obtain essential student support services. Extenuating circumstances also include special consideration of specific factors associated with Veterans, CalWORKs, EOPS, and DSPS student status.
If you are a Foster Youth you are not be subject to loss of BOGW Fee Waiver for not meeting academic or progress probation.

BOGW B FAMILY INCOME
To be eligible, you must complete the BOGW application, signing a statement, under penalty of perjury, that the income information is true and that the family income does not exceed the state income standards determining eligibility.

BOGW C FINANCIAL AID APPLICANT
Complete the FAFSA application process, and provide the Financial Aid office with all required documentation. Once the need analysis is calculated, applicants with at least $1,104 of unmet need will be provided with a BOGW C that will pay the Enrollment Fee for the entire academic year and provide a refund to students who have already paid.

The Financial Aid Application Process:
Apply Now for 2017–2018
In order to apply for any financial aid program, you must complete the FAFSA (www.fafsa.ed.gov) or California Dream Act Application (dream.csac.ca.gov) online by June 30, 2018. If you are required to use your parent(s) income information, refer to the federal IRS Income Tax Forms. The state Cal Grant competition requires you to also submit GPA verification. If you have completed 16 degree applicable units at Santa Ana College or Santiago Canyon College, your GPA will be sent automatically. If not, you will need to submit your high school GPA on the paper GPA Verification form. Cal Grant deadlines are March 2nd (maximum opportunity) and September 2nd (limited number of awards).

Once you have applied for financial aid, you will be notified by the processor with a Student Aid Report (SAR), giving you the Expected Family Contribution which determines your Pell Grant eligibility and BOGW C eligibility. The California Student Aid Commission will notify you of your Cal Grant eligibility. Each college you have listed on the FAFSA or Dream Act will mail you additional forms to be completed and turned into the Financial Aid Office. After all required documents have been processed; you will be awarded the financial aid programs you are eligible for and an Award Letter will be mailed to you.
If your family circumstances have changed, due to illness, loss of a job, etc., ask about “Special Circumstances“ that could affect your eligibility.

Withdrawals and Repayments of Financial Aid Funds
Federal regulations may require students to repay federal funds if they drop or withdraw from all classes or drop below half-time status, or are dropped by the instructor due to excessive absence. Based on the date of the COMPLETE WITHDRAWAL, the Financial Aid Office is required to determine the amount, if any, of “unearned” federal financial aid received by the student. A calculation will be completed to determine if the student will owe a refund.
Please refer to catalog for more information.
Try to successfully complete at least six units each semester, so that you are not required to pay back a portion of the funds you have received.
Dropping below half-time will affect your award.

General Eligibility Requirements:
Be a US citizen or eligible non-citizen.
Have a high school diploma, pass the CAHSEE exam, GED completion or have a California Proficiency Certificate.
Have a valid Social Security Number.
Meet Satisfactory Academic Progress requirements.
Not be in default on any federal student loan or owe a refund on any federal grant.
Be enrolled in an eligible program of study leading to a degree, transfer or a certificate.
Provide the Admissions Office with official academic transcripts from previous colleges attended.
Drug convictions, while receiving federal aid, will disqualify eligibility.
Male Students must be registered with Selective Service. Register online at www.sss.gov or call 847-688-6888 if you need your Selective Service Number.

SANTA ANA COLLEGE
Financial Aid Office, Village, VL-105
714-564-6242 • FAFSA Code: 001284

SANTIAGO CANYON COLLEGE
Financial Aid Office, Room E-104
714-628-4876 • FAFSA Code: 036957
FINANCIAL ASSISTANCE

Cal Grants
Cal Grants are available to California residents attending eligible California colleges who meet all criteria and are enrolled in at least 6 units. The programs are administered by the California Student Aid Commission. The annual application deadlines are March 2 and September 2 for community college students. A FAFSA or Dream Act Application as well as a GPA verification is required.

Cal Grant A
Eligibility is based on financial need and GPA. Assistance is provided to meet tuition and fee costs at four-year universities. Awards to community college students may be placed on “reserve” for a maximum of two years until they transfer to a four-year institution. Award amounts: $5,472 at CSU, $12,240 at UC, $9,048 at independent colleges.

Cal Grant B
Is provided to students from low-income families with living allowance and tuition and fee assistance to attend college. The maximum award amount is $1,670 per year and will be prorated for less than full-time students. This grant may be used at community colleges and universities, not to exceed four years. Cal Grant B students also receive tuition costs at the same levels as Cal Grant A, except at community colleges.

Cal Grant C
Assists eligible students enrolled in a vocational training program leading to a Certificate or AA/AS degree, not a transfer program. The maximum awards amount is $547 per year, and will be prorated for less than full-time students.

Federal PELL Grant
Pell grant is a federally funded program for undergraduates who demonstrate need. The amount of the Pell Grant is based on the cost of attendance, the Expected Family Contribution, and the enrollment in number of units. Please check with the Financial Aid Office or visit the website for the maximum and minimum PELL award amount. If you apply late and you are eligible, you may be paid retroactively for the entire academic year. Pell Grants are limited to 12 Full Time equivalent semesters.

William D. Ford Federal Direct Loan Program
All students who meet federal financial aid eligibility criteria may borrow through the Direct Loan program. Funds are borrowed directly from the federal government. Annual Direct Loan Subsidized and Unsubsidized combined limits are $3,500 for freshmen and $4,500 for sophomores. Additional Direct Unsubsidized loans are available for eligible students.

Subsidized Direct Loan: The federal government pays the interest on this need-based loan while the student is in school, at least half-time.

Unsubsidized Direct Loan: The student is responsible for paying the interest on this loan that is not need based.

Additional Unsubsidized Direct Loans: Available to students who meet all of the qualification requirements. The annual loan limits are $6,000 for independent students and $2,000 for dependent students.

Federal Supplemental Educational Opportunity Grant (FSEOG)
This is a federally funded grant, available to undergraduates who demonstrate exceptional financial need. Priority in awarding FSEOG funds must be given to Pell Grant recipients. Minimum enrollment is six units per semester. Early applicants are given priority.

Federal Work-Study Program (FWS)
This is a federally funded program providing employment opportunities to students with financial need. Students awarded FWS are placed in part-time jobs on campus. This program provides an excellent “learning experience” through on-the-job training. Students must be enrolled in a minimum of six units to remain eligible. Early applicants are given priority.

Chafee Grant
This grant is available to former foster youth age 13 and above. Awards are $5,000 per year and the program has limited funding. To apply use the FAFSA application and the separate Chafee Grant application. There is a maximum age limit of 23 as of July 1 of the award year. No payments are made beyond the age of 23.

Extended Opportunity Programs and Services (EOPS) and CARE Grants
This is a state funded program designed to assist EOPS eligible students from low income families who are educationally disadvantaged, and enrolled full-time, with priority registration, orientation, personal and academic counseling, tutoring, study-skills, book services, bus passes, and grants. The CARE program provides students with the cost of child-care, transportation, and meal vouchers.

Scholarship Office
Santa Ana College: S-201, 714-564-6478
Santiago Canyon College: A-210, 714-628-4793

The Bureau of Indian Affairs provides grants to eligible, tribe certified, American Indian students who are at least one-quarter American Indian, Eskimo or Aleut. For information, call 916-978-6058

CAN’T AFFORD TEXTBOOKS?
It means that the materials used in your class are in the public domain or openly licensed. FREE or LOW-COST materials used in that course!

Look for the OER icon!
IMPLEMENTATION OF Assembly Bill 1899: Victims of Trafficking, Domestic Violence and other Serious Crimes

AB 1899, chaptered in September of 2012, provides for a non-resident enrollment fee exemption for “Victims of trafficking, domestic violence and other serious crimes”. In addition, the legislation allows these students to apply for and, if eligible, receive financial aid from programs administered by public postsecondary institutions or the state of California. Finally, the legislation provides that enrollment fees shall be waived for these students who apply for and are eligible to receive Board of Governor enrollment fee waivers.

This FEE WAIVER application is for California residents, eligible AB 540 students, and eligible AB 1899 students, as determined by the Admissions or Registrar’s Office, and for homeless youth as determined by the Financial Aid Office. If you have not had your California residency or eligibility status determined by the Admissions or the Registrar or homeless status determined by the Financial Aid Office, see one of those offices to obtain the determination. Fee waiver eligibility cannot be determined until your status has been verified.

Has the Admissions or Registrar’s Office determined that you are a California resident?  ☐ Yes  ☐ No
If no, has the Admissions or Registrar’s Office determined that you are eligible for a non-resident tuition exemption as an AB 540 student?  ☐ Yes  ☐ No If no,

Has the Financial Aid Office verified that you have been without a residence in the last 24 months (homeless)?  ☐ Yes  ☐ No If you have been homeless but not verified, check “Yes” and contact the Financial Aid Office.

Name: _______________________________  Student ID # _______________________________

Email (if available): _______________________________  Telephone Number: ( _____ ) ____________

Home Address: ___________________________________________  Date of Birth: ___________/_________/________

IMPLEMENTATION OF THE CALIFORNIA DOMESTIC PARTNER RIGHTS AND RESPONSIBILITIES ACT

The California Domestic Partner Rights and Responsibilities Act extends rights, benefits, responsibilities and obligations to individuals in domestic partnerships registered with the California Secretary of State under Section 297 of the Family Code. If you are in a Registered Domestic Partnership (RDP), or legal same sex marriage, you will be treated as an Independent married student to determine Enrollment Fee Waiver eligibility and will need to provide income and household information for your domestic partner. If you are a dependent student and your parent is in a Registered Domestic Partnership, or legal same sex marriage, you will be treated the same as a student with married parents and income and household information will be required for the parent’s domestic partner.

Note: These provisions apply to state student financial aid ONLY, and not to federal student financial aid.

Are you or your parent in a Registered Domestic Partnership with the California Secretary of State under Section 297 of the Family Code? (Answer “Yes” if you or your parent are separated from a Registered Domestic Partner but have NOT FILED a Notice of Termination of Domestic Partnership with the California Secretary of State’s Office.)  ☐ Yes  ☐ No

If you answered “Yes” to the question above, treat the Registered Domestic Partner as a spouse. You are required to include your domestic partner’s income and household information or your parent’s domestic partner’s income and household information in Questions 4, 11, 12, 13, 14, 15, 16, 17.

Student Marital Status
☐ Single  ☐ Married  ☐ Divorced  ☐ Separated  ☐ Widowed  ☐ Registered Domestic Partnership

DEPENDENCY STATUS

The boxes below will determine whether you are considered a Dependent student or Independent student for fee waiver eligibility and whether parental information is needed. If you answer “Yes” to ANY of the questions 1-10 below, you will be considered an INDEPENDENT student. If you answer “No” to all questions, you will be considered a Dependent student thereby reporting parental information and should continue with Question 11.

1. Were you born before January 1, 1994?  ☐ Yes  ☐ No
2. As of today, are you married or in a Registered Domestic Partnership (RDP)? (Answer “Yes” if you are separated but not divorced or have not filed a termination notice to dissolve partnership.  ☐ Yes  ☐ No
3. Are you a veteran of the U.S. Armed Forces or currently serving on active duty for purposes other than training?  ☐ Yes  ☐ No
Do you have children who will receive more than half of their support from you between July 1, 2017 - June 30, 2018, or other dependents who live with you (other than your children or spouse/RDP) who receive more than half of their support from you, now and through June 30, 2018.  ☐ Yes  ☐ No
4. At any time since you turned age 13, were both your parents deceased, were you in foster care, or were you a dependent or ward of the court?  ☐ Yes  ☐ No

(continued next page)
6. Are you or were you an emancipated minor as determined by a court in your state of legal residence? Yes No

7. Are you or were you in legal guardianship as determined by a court in your state of legal residence? Yes No

8. At any time on or after July 1, 2016, did your high school or school district homeless liaison determine that you 
were an unaccompanied youth who was homeless? Yes No

9. At any time on or after July 1, 2016, did the director of an emergency shelter or transitional housing program funded by the U.S. 
Department of Housing and Urban Development determine that you were an unaccompanied youth who was homeless? Yes No

10. At any time on or after July 1, 2016, did the director of a runaway or homeless youth basic center or transitional living program determine that you were an unaccompanied youth who was homeless or were self-supporting and at risk of being homeless? Yes No

- If you answered "Yes" to any of the questions 1 - 10, you are considered an INDEPENDENT student for enrollment fee waiver purposes and must provide income and household information about yourself (and your spouse or RDP if applicable). Skip to Question #13.
- If you answered "No" to all questions 1 - 10, complete the following questions:

11. If your parent(s) or his/her RDP filed or will file a 2015 U.S. Income Tax Return, were you, or will you be claimed on their tax 
return as an exemption by either or both of your parents? Will Not File Yes No

12. Do you live with one or both of your parent(s) and/or his/her RDP? Yes No

- If you answered "No" to questions 1 - 10 and "Yes" to either question 11 or 12, you must provide income and household 
information about your PARENT(S)/RDP. Please answer questions for a DEPENDENT student in the sections that follow.
- If you answered "No" or "Parent(s) will not file" to question 11, and "No" to question 12, you are a dependent student for all student aid except this enrollment fee waiver. You may answer questions as an INDEPENDENT student on the rest of this 
application, but please try to get your PARENT information and file a FAFSA so you may be considered for other student aid. 
You cannot get other student aid without your parent(s) information.

13. Are you (the student ONLY) currently receiving monthly cash assistance for yourself or any 
dependents from: TANF/CalWORKs? Yes No

SSI/SSP (Supplemental Security Income/State Supplemental Program)? Yes No General Assistance? Yes No

14. If you are a dependent student, are your parent(s)/RDP receiving monthly cash assistance from TANF/CalWORKs or 
SSI/SSP as a primary source of income? Yes No

If you answered "Yes" to question 13 or 14 you are eligible for an ENROLLMENT FEE WAIVER. Sign the Certification at the 
end of this form. You are required to show current proof of benefits. Submit application and documentation to the 
financial aid office.

METHOD B ENROLLMENT FEE WAIVER

15. DEPENDENT STUDENT: How many persons are in your parent(s)/RDP household? (Include yourself, your parent(s)/RDP, and 
anyone who lives with your parent(s)/RDP and receives more than 50% of their support from your parents/RDP, now and through June 30, 2018.)

16. INDEPENDENT STUDENT: How many persons are in your household? (Include yourself, your spouse/RDP, and anyone who 
lives with you and receives more than 50% of their support from you, now and through June 30, 2018.)

17. 2015 Income Information
(Independent students should not include their own 
Income information for Q 17, a and b below.)

- Adjusted Gross Income (If 2015 U.S. Income Tax 
Return was filed, enter the amount from Form 1040, 
line 37; 1040A, line 21; 1040EZ, line 4).
- All other income (Include ALL money received in 
2015 that is not included in line (a) above (such as 
Disability, child support, military living allowance, 
Workman’s Compensation, untaxed pensions.)

TOTAL Income for 2015 (Sum of a + b)

The Financial Aid Office will review your income and let you know if you qualify for an ENROLLMENT FEE WAIVER under 
Method B. Submit application and documentation to the financial aid office.

If you do not qualify using Method A or Method B, you should file a FAFSA (for U.S. citizens or eligible non-citizens) or the 
California Dream Application (for undocumented AB 540 students). The FAFSA is available at www.fafsa.gov and the Dream 
Application is available at https://dream.csac.ca.gov. Contact the Financial Aid Office for more information.
SPECIAL CLASSIFICATIONS ENROLLMENT Fee Waivers

18. Do you have certification from the CA Department of Veterans Affairs that you are eligible for a dependent's fee waiver?  
Submit certification  ☑ Yes  ☐ No

19. Do you have certification from the National Guard Adjutant General that you are eligible for a dependent's fee waiver?  
Submit certification.  ☑ Yes  ☐ No

20. Are you eligible as a recipient of the Congressional Medal of Honor or as a child of a recipient?  
Submit documentation from the Department of Veterans Affairs.  ☑ Yes  ☐ No

21. Are you eligible as a dependent of a victim of the September 11, 2001, terrorist attack?  
Submit documentation from the CA Victim Compensation and Government Claims Board.  ☑ Yes  ☐ No

22. Are you eligible as a dependent of a deceased law enforcement/fire suppression personnel killed in the line of duty?  
Submit documentation from the public agency employer of record.  ☑ Yes  ☐ No

If you answered "Yes" to any of the questions from 18-22, you are eligible for an ENROLLMENT FEE WAIVER and perhaps other fee waivers or adjustments. Sign the Certification below. Submit application and documentation to the financial aid office. Contact the Financial Aid Office if you have questions.

CERTIFICATION FOR ALL APPLICANTS: READ THIS STATEMENT AND SIGN BELOW

I hereby swear or affirm, under penalty of perjury, that all information on this form is true and complete to the best of my knowledge. If asked by an authorized official, I agree to provide proof of this information, which may include a copy of my and my spouse/registered domestic partner and/or my parent/s/registered domestic partner's 2015 U.S. Income Tax Return(s). I also realize that any false statement or failure to give proof when asked may be cause for the denial, reduction, withdrawal, and/or repayment of my waiver. I authorize release of information regarding this application between the college, the college district, and the Chancellor's Office of the California Community Colleges.

I understand the following information (please check each box):

☐ Federal and state financial aid programs are available to help with college costs (including enrollment fees, books & supplies, transportation and room and board expenses). By completing the FAFSA or the California Dream Application, additional financial assistance may be available in the form of Cal Grants, Pell and other grants, work study and other aid.

☐ I may apply for and receive financial assistance if I am enrolled, either full time or part time, in an eligible program of study (certificate, associate degree or transfer).

☐ Financial aid program information and application assistance is available in the college financial aid office.

Applicant’s Signature ________________________________ Date _____________  Parent Signature (Dependent Students Only) ________________________________ Date _____________

CALIFORNIA INFORMATION PRIVACY ACT

State and federal laws protect an individual’s right to privacy regarding information pertaining to oneself. The California Information Practices Act of 1977 requires the following information be provided to financial aid applicants who are asked to supply information about themselves. The principal purpose for requesting information on this form is to determine your eligibility for financial aid. The Chancellor’s Office policy and the policy of the community college to which you are applying for aid authorize maintenance of this information. Failure to provide such information will delay and may even prevent your receipt of financial assistance. This form’s information may be transmitted to other state agencies and the federal government if required by law. Individuals have the right of access to records established from information furnished on this form as it pertains to them.

The officials responsible for maintaining the information contained on this form are the financial aid administrators at the institutions to which you are applying for financial aid. The SSN may be used to verify your identity under record keeping systems established prior to January 1, 1975. If your college requires you to provide an SSN and you have questions, you should ask the financial aid officer at your college for further information. The Chancellor’s Office and the California community colleges, in compliance with federal and state laws, do not discriminate on the basis of race, religion, color, national origin, gender, age, disability, medical condition, sexual orientation, domestic partnership or any other legally protected basis. Inquiries regarding these policies may be directed to the financial aid office of the college to which you are applying.

FOR OFFICE USE ONLY

☐ BOGFW-A ☐ BOGFW-B ☐ Special Classification RDP ☐ Student ☐ Student is not eligible

☐ TANF/CalWORKs ☐ BOGFW-C ☐ Veteran ☐ National Guard ☐ Parent

☐ GA ☐ National Guard Dependent

☐ SSI/SSP ☐ Medal of Honor ☐ 9/11 Dependent

☐ BOGFW-C ☐ Dep. of deceased law enforcement/fire personnel

Comments: ________________________________

Certified by: ________________________________ Date: _____________

FINANCIAL ASSISTANCE
FREE Classes!
Enroll Now!

SANTA ANA COLLEGE MISSION STATEMENT
Santa Ana College inspires, transforms, and empowers a diverse community of learners.

Offering Morning, Afternoon, Evening & Saturday Classes

Centennial Education Center (CEC)
2900 W. Edinger Ave.,
Santa Ana 92704
714-241-5700

Adult Education Center (AEC)
Santa Ana College
1530 W. 17th St., Santa Ana 92706
714-564-6173

Remington Education Center (REC)
1325 E. 4th St.,
Santa Ana 92701
714-241-5850

– Plus many other convenient Santa Ana community locations! –

For more information or to view the schedule of classes, visit our website: www.sac.edu/sce

SPRING SEMESTER 2018
Registration begins December 13, 2017
Instruction begins January 8, 2018

Registration for FREE, noncredit courses for adults begins December 13, 2017. Students are registered on a first-come, first-served basis throughout the semester.

• Register in person at any of the locations below
• Register online at www.sac.edu/sce
WHAT IS CONTINUING EDUCATION?
The School of Continuing Education offers FREE 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.

WHO CAN ATTEND?
Individuals 18 years or older may attend. Students currently enrolled in high school who wish to attend continuing education courses, must present a Petition for Registration form signed by their high school principal, counselor and parent. Forms are available at registration offices. Students may register for courses throughout the semester.

INSTRUCTIONAL PROGRAMS & COURSES

- ADULT BASIC EDUCATION
- ADULT HIGH SCHOOL DIPLOMA
- ADULTS WITH DISABILITIES
- CITIZENSHIP CLASSES
- COMPUTER AND BUSINESS SKILLS CLASSES
- ENGLISH AS A SECOND LANGUAGE
- GED/HISET TEST PREPARATION (ENGLISH SPANISH)
- OLDER ADULTS PROGRAM

STATE APPROVED VOCATIONAL CERTIFICATES

- CHILD CARE WORKER
- COMPUTER MAINTENANCE AND REPAIR
- CUSTOMER SERVICE REPRESENTATIVE
- EXECUTIVE SECRETARY/ADMINISTRATIVE ASSISTANT
- GENERAL OFFICE CLERK
- PARAPROFESSIONAL MENTAL HEALTH WORKER
- VOCATIONAL CONSTRUCTION TECHNOLOGY

STUDENT SERVICES & PROGRAMS

Child Development Centers
Preschool for children ages 3 to 5, available at Centennial Education Center, Santa Ana College, and Remington Education Center.

Disabled Student Programs and Services (DSPS)
Provides students with learning disabilities service and reasonable accommodations while pursuing coursework in our programs.

Counseling Department
Provides academic guidance, personal and career counseling to help students achieve their goals.

Student Development
Associated Student Government and leadership opportunities for our students!

Student Transition Program
Get help transferring to college!

College Career Transition Center
Brush up on your resumé and get help finding a job.

INSPIRING • TRANSFORMING • EMPOWERING

RIDE THE BUS FREE WITH YOUR SAC STUDENT ID

With unlimited rides on all OC Bus local fixed routes, it’s easy to hop aboard for school, work, shopping – wherever you want to go in OC. Relax and ride safe, comfortable air-conditioned buses while avoiding parking costs and hassles and contributing to a cleaner, healthier environment.
### 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. **College and Workforce Preparation Center** ................. 1572 North Main Street .... Orange
5. **Centennial Education Center (CEC)** .......................... 2900 W. Edinger Avenue .......... Santa Ana
6. **Orange County Sheriff’s Department Training Center (OCST)** 1900 W. Katella Avenue .......... Orange
7. **Orange County Sheriff’s Regional Training Academy (CJTC)** 15991 Armstrong Avenue .......... Tustin
8. **Digital Media Center (DMC)** ........................................ 1300 S. Bristol Street ........ Santa Ana
9. **Joint Powers Training Center (JPTC CN)** ..................... 18301 Gothard ................ Huntington Beach
10. **Orange County Probation Department** ......................... 1001 S. Grand Avenue .......... Santa Ana
11. **Chapman Center (CHAP)** .......................................... 1937 W. Chapman Avenue .......... Orange
12. **Remington Education Center (REC)** ........................... 1325 E. 4th Street .......... Santa Ana
**SAC Facilities and Locations**

To see the most recent version of this map, go to [www.sac.edu/AboutSAC/Maps](http://www.sac.edu/AboutSAC/Maps)

- Denotes “Closed for Construction”
- Denotes Path of Travel
- Denotes Dead End

**PARKING INFORMATION:**

**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 VL-205B, the Village 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.
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