Welcome!

FALL 2021
SCHEDULE OF CLASSES

SANTA ANA COLLEGE
Focused On Your Future

sac.edu
PRESIDENT'S MESSAGE
You have made a wise investment in yourself. Your enrollment at Santa Ana College 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 Santa Ana College as the place to begin your journey in higher education!

~ Interim President, Santa Ana College,
Marilyn Flores, Ph.D.

SANTA ANA COLLEGE MISSION STATEMENT
Santa Ana College inspires, transforms, and empowers a diverse community of learners.
## COURSES:

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SANTA ANA COLLEGE

FALL 2021

CLASS SCHEDULE: August 23 – December 12, 2021

ADMISSIONS / REGISTRATION HOURS
SAC Admissions Office now has more ways to assist students!
• Email us at Adm_Records@sac.edu – submit documents or ask questions
sac.edu/Student Services/AdmissionsRecords - HOME PAGE
sac.craniumcafe.com/group/admissions - LIVE CHAT

ONLINE HOURS ONLY:
MON –THURS: 8:00A TO 6:45P
FRIDAY: 8:00A TO 4:30P

The college is closed December 24, 2021; January 1, 2022. Office hours subject to change

REGISTRATION CALENDAR
May 10 – August 22, 2021 Online registration for CONTINUING students
June 7 – August 22, 2021 New and returning students view your registration appointment online.
June 14 – August 22, 2021 Loss of Priority Registration students
June 17 – August 22, 2021 CAP (concurrent K–12) students register online
August 23 – October 17, 2021 Registration for late-starting classes continues online

INSTRUCTIONAL CALENDAR
August 23, 2021 Instruction Begins for Fall Classes (full semester) and First GR8 Weeks
October 18, 2021 Second GR8 Weeks
December 6 - December 12, 2021 Final Exams Week

CLASS ADD OR DROP DEADLINES
September 5, 2021 Last date to add a full-semester class with add code
September 5, 2021 Last date to drop a full-semester class and not owe fees. Not full-semester courses = 10% of the course – Please refer to the section information via WebAdvisor for a specific section date
September 5, 2021 Last date to drop a full-semester class and NOT receive a “W” grade. Not full-semester courses = 10% of the course – Please refer to the section information via WebAdvisor for a specific section date
November 14, 2021 Last date to drop a full-semester class with a “W” grade. Not full-semester courses = 75% of the course – Please refer to the section information via WebAdvisor for a specific section date

ACADEMIC FORM DEADLINES
September 10, 2021 Last date to file pass/no pass for first GR8 Weeks classes
September 24, 2021 Last date to file pass/no pass for full-semester classes
October 8, 2021 Last date to petition for CSU and IGETC
October 8, 2021 Last date to petition for December certificates
October 8, 2021 Last date to petition for December graduation
November 5, 2021 Last date to file pass/no pass for second GR8 Weeks classes

HOLIDAY CALENDAR
If holiday is a Monday, weekend classes DO meet. If holiday is a Friday, weekend classes DO NOT meet.
September 6, 2021 Labor Day (Monday)
November 11, 2021 Veterans Day (Thursday)
November 25 – 27, 2021 Thanksgiving Day (Thursday–Sunday)
December 20 – 25, 2021 Winter Holiday Break
January 1, 2022 New Year’s Day

FINAL EXAMINATION SCHEDULE
Final exams will be given during the last week of the semester during regular scheduled class hours. The last day of instruction is Sunday, DECEMBER 12, 2021. Final exams may be given during one class session or a combination of class sessions, as designated by the instructor; check with individual instructors for exact date.
Semester grades are due in the Admissions Office ON THURSDAY, DECEMBER 16, 2021.

Santa Ana College offers a four-week intersession in January 2022.
The intersession will run from Monday, January 3 through Sunday, January 30, 2022.
**WE’RE HERE TO HELP . . .**

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<td>Cesar Chavez Bldg, A-106</td>
<td>714-564-6731</td>
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<td>Monica Collins</td>
<td>Dunlap Hall, D-412 (TDD)</td>
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<td>Janneth Linnell</td>
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<td>Maria Castellon/ Jerelyn Cowan</td>
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<td>Zeferina Gonzalez</td>
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<td>Susan Wahl</td>
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<td>Sheriff’s Regional Training Academy</td>
<td>Tim Winchell</td>
<td>15991 Armstrong Ave., Tustin, 92782</td>
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<td>District Safety And Security</td>
<td>Ralph Webb</td>
<td>RSCCD</td>
<td>714-480-7331</td>
</tr>
<tr>
<td>DIVISIONS/DEPARTMENTS:</td>
<td>Name</td>
<td>Location</td>
<td>Phone</td>
</tr>
<tr>
<td>----------------------------------------</td>
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<td>-----------</td>
</tr>
<tr>
<td>Business</td>
<td>Madeline Grant</td>
<td>Cesar Chavez Bldg, A-103</td>
<td>714-564-6750</td>
</tr>
<tr>
<td>Career Education &amp; Workforce</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Development</td>
<td>Kimberly Mathews</td>
<td>Dunlap Hall, D-435</td>
<td>714-564-6224</td>
</tr>
<tr>
<td>Counseling</td>
<td>Maria Dela Cruz</td>
<td>Administration Bldg, S-106</td>
<td>714-564-6078</td>
</tr>
<tr>
<td>Fine &amp; Performing Arts</td>
<td>Kellori Dower</td>
<td>Cesar Chavez Bldg, A-109</td>
<td>714-564-5600</td>
</tr>
<tr>
<td>Humanities &amp; Social Sciences</td>
<td>Javier Galvan</td>
<td>Dunlap Hall, D-435</td>
<td>714-564-6500</td>
</tr>
<tr>
<td>Human Services &amp; Technology</td>
<td>Larisa Sergeyeva</td>
<td>Russell Hall, R-107</td>
<td>714-564-6800</td>
</tr>
<tr>
<td>Kinesiology, Health and Athletics</td>
<td>Doug Manning</td>
<td>Kinesiology Bldg, W-102</td>
<td>714-564-6900</td>
</tr>
<tr>
<td>Science, Math, and Health Sciences</td>
<td>Saeid Eidgahy</td>
<td>Russell Hall, R-103</td>
<td>714-564-6600</td>
</tr>
<tr>
<td>Dual Enrollment Program</td>
<td>Fernando Ortiz</td>
<td>Administration Bldg, S-208</td>
<td>714-564-5230</td>
</tr>
<tr>
<td>Educational Services</td>
<td>Enrique Perez</td>
<td>RSCCD Room 350</td>
<td>714-480-7460</td>
</tr>
<tr>
<td>EMERGENCY</td>
<td>District Safety Staff</td>
<td>Security/Safety Bldg, X-100</td>
<td>714-564-6333</td>
</tr>
<tr>
<td>Emergency Services</td>
<td>Ralph Webb</td>
<td>RSCCD District Office</td>
<td>714-480-7330</td>
</tr>
<tr>
<td>English as a Second Language</td>
<td>VACANT</td>
<td>Dunlap Hall, D-435</td>
<td>714-564-6500</td>
</tr>
<tr>
<td>Environmental Safety/</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Crime Prevention</td>
<td>Ralph Webb</td>
<td>RSCCD District Office</td>
<td>714-480-7330</td>
</tr>
<tr>
<td>EOPS/CARE</td>
<td>Vacant</td>
<td>Johnson Student Center, JSC-212</td>
<td>714-564-6232</td>
</tr>
<tr>
<td>Facility Reservations</td>
<td>Vacant</td>
<td>Administration Bldg, S-209-1</td>
<td>714-564-6227</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>Robert Manson</td>
<td>Johnson Student Center, JSC-201</td>
<td>714-564-6242</td>
</tr>
<tr>
<td>Fire Technology</td>
<td>Vacant</td>
<td>Cesar Chavez Bldg, A-113</td>
<td>714-564-6845</td>
</tr>
<tr>
<td>Foundation</td>
<td>Christina Romero</td>
<td>Administration Bldg, S-201</td>
<td>714-564-6091</td>
</tr>
<tr>
<td>Freshman Success</td>
<td>Steve Bautista, Rachel Sosta</td>
<td>Administration Bldg, S-110</td>
<td>714-564-6165</td>
</tr>
<tr>
<td>Graduation</td>
<td>Graduation Staff</td>
<td>Administration Bldg, S-104</td>
<td>714-564-6052</td>
</tr>
<tr>
<td>Hazardous Materials</td>
<td>Ralph Webb</td>
<td>RSCCD District Office</td>
<td>714-480-7330</td>
</tr>
<tr>
<td>Health and Wellness Center</td>
<td>Rebecca Barnard</td>
<td>Johnson Student Center, JSC-110</td>
<td>714-564-6216</td>
</tr>
<tr>
<td>Honors Transfer Program</td>
<td>Kathy Patterson</td>
<td>Dunlap Hall, D-428</td>
<td>714-564-6528</td>
</tr>
<tr>
<td>Human Resources</td>
<td>Tracie Greene</td>
<td>RSCCD District Office</td>
<td>714-480-7484</td>
</tr>
<tr>
<td>I-20 Form</td>
<td>Dao Nguyen</td>
<td>Johnson Student Center, JSC-208</td>
<td>714-564-6047</td>
</tr>
<tr>
<td>Information, General</td>
<td>Admissions/Records Staff</td>
<td>Administration Bldg, S-101</td>
<td>714-564-6000</td>
</tr>
<tr>
<td>International Students</td>
<td>Mark Liang</td>
<td>Johnson Student Center, JSC-208</td>
<td>714-564-6047</td>
</tr>
<tr>
<td>International Trade Assistance</td>
<td>Ruth Cossio-Muniz</td>
<td></td>
<td>714-564-5200</td>
</tr>
<tr>
<td>Learning Center</td>
<td>Kathy Walczak</td>
<td>Dunlap Hall, D-307</td>
<td>714-564-6569</td>
</tr>
<tr>
<td>Learning Skills Lab (Centennial Education Center)</td>
<td></td>
<td></td>
<td>714-241-5768</td>
</tr>
<tr>
<td>Library</td>
<td>Library Staff</td>
<td>Nealley Library</td>
<td>714-564-6700</td>
</tr>
<tr>
<td>Lost &amp; Found</td>
<td>District Safety Staff</td>
<td>Security/Safety Bldg, X-100</td>
<td>714-564-6330</td>
</tr>
<tr>
<td>MESA (Math, Engineering, &amp; Science Achievement)</td>
<td>MESA Staff</td>
<td>Library Bldg, L-206</td>
<td>714-564-6373</td>
</tr>
<tr>
<td>Nursing</td>
<td>Mary Steckler</td>
<td>Russell Hall, R-213</td>
<td>714-564-6825</td>
</tr>
<tr>
<td>Office of School &amp; Community</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Partnerships</td>
<td>Alicia Kruizenga</td>
<td>Administration Bldg, S-214</td>
<td>714-564-6970</td>
</tr>
<tr>
<td>Online Classes/Distance Education</td>
<td>Cherylee Kushida</td>
<td>Cesar Chavez Bldg, A-101</td>
<td>714-564-6725</td>
</tr>
<tr>
<td>Outreach</td>
<td>Daniel Marquez</td>
<td>Administration Bldg, S-213</td>
<td>714-564-6141</td>
</tr>
<tr>
<td>Parking</td>
<td>Scott Baker</td>
<td>Security/Safety Bldg, X-100</td>
<td>714-564-6330</td>
</tr>
<tr>
<td>Photo ID</td>
<td>Jennie Adams</td>
<td>Johnson Student Center, JSC-202</td>
<td>714-564-6965</td>
</tr>
<tr>
<td>Psychological Services</td>
<td>Jill Kapil</td>
<td>Johnson Student Center, JSC-110</td>
<td>714-564-6216</td>
</tr>
<tr>
<td>Public Affairs &amp; Publications (RSCCD)</td>
<td>Ruth Cossio-Muniz</td>
<td>RSCCD District Office</td>
<td>714-480-7500</td>
</tr>
<tr>
<td>Public Information Office</td>
<td>Dalilah Davaloz (Interim)</td>
<td>Administration Bldg, S-204</td>
<td>714-564-5527</td>
</tr>
</tbody>
</table>
Puente Program  Donato Martinez  Dunlap Hall, D-423  714-564-6547
RSCCD Foundation  Enrique Perez  RSCCD District Office, Room 350  714-480-7460
Registration  Registration Staff  Administration Bldg, S-101  714-564-6017
College Research  Janice Love  Administration Bldg, S 209  714-564-6644
Residency  Admissions/Records Staff  Administration Bldg, S-101  714-564-6017
Resource Development Department  Sarah Santoyo  RSCCD District Office  714-480-7463
SAC Promise  Leo Pastrana  Administration Bldg, S-107  714-564-6067
Scholarships  Nandini Puri  Administration Bldg, S-201  714-564-6995
Security  Scott Baker  Security/Safety Bldg, X-100  714-564-6330
Service Learning Program  Sandy Morris-Pfyl  Library Bldg, L-222  714-564-6254
Small Business Development Center, Orange County  Ruth Cossio-Muniz  Digital Media Center  714-564-5200
Spanish Language Telephone Assistance  SAC  714-564-6100
Speech Language Pathology  Monica Zarske  Hammond Hall, H-206  714-564-6668
Student Affairs  Alicia Kruizenga  Administration Bldg, S-214-1  714-564-6970
Student Business Office  Jennie Adams  Johnson Student Center, JSC-202  714-564-6430
(Office of) Student Life  Jennifer DeLa Rosa  Johnson Student Center, JSC-102  714-564-6211
Student Entrepreneurship Program  Ruth Cossio-Muniz  Digital Media Center  714-564-5200
Student Government  John Nguyen  Johnson Student Center, JSC-103  714-564-6214
Student Leadership Institute  John Nguyen  Johnson Student Center, JSC-103  714-564-6214
Student Support Services
Program (TRiO)  Vacant  Johnson Student Center, JSC-209  714-564-6843
Student Transition Program  Julia Vercelli  Centennial Education Center  714-241-5720
Academic Talent Search (TRiO)  Rosio Becerra  Johnson Student Center, JSC-209  714-564-6182
Testing Information
(Assessment Center)  Library Bldg, L-223  714-564-6148
Transcripts  Admissions/ Records Staff  Administration Bldg, S-101  714-564-6461
Transfer Center  Leo Pastrana  Administration Bldg, S-110  714-564-6165
U-Link  Rochelle Zook  Administration Bldg, S-133  714-564-6416
Upward Bound (TRiO)  Vacant  Russell Hall, R-115  714-564-6843
Veterans Resource Center  Brenda Estrada  Planetarium, M-120  714-564-6050
Veterans Student Support Services  Brenda Estrada  Planetarium, M-120  714-564-6050
Veterans Upward Bound (VUB)  Brenda Estrada  Planetarium, M-120  714-564-6288

VISIT OUR WEBSITES:
SANTA ANA COLLEGE  sac.edu  •  SANTIAGO CANYON COLLEGE  sccollege.edu
RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT  rsccd.edu

If You Can’t Find What You Need In The List Above, Please Call 714-564-6005 (SAC) Or 714-628-4900 (SCC).

ALTERNATE FORMATS
Upon request, Santa Ana College materials will be available in alternate formats.
Please contact DSPS at 714-564-6264.

CLASS SCHEDULE ALSO AVAILABLE ONLINE AT  sac.edu

Prepared each semester, the class schedule includes general information, courses offered, hours, rooms, and instructor names. Schedules are mailed to all district high schools and are available at & SCC Bookstores.
Because the schedule is prepared prior to the start of classes, the information published is subject to change.
Use the online course availability for the most current information.
Step 1: APPLICATION

ADMISSIONS

CONTINUING STUDENTS
Continuing students who actively attended Fall 2020 or Spring 2021 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 Fall 2020 must complete an admission application by applying online at 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 Special Admit Program. The Special Admit 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:** Special Admit students must bring the Special Admit form signed by the high school principal, parent/guardian and the appropriate Santa Ana College Division Dean. In addition, a Consent to Treat a Minor form is required. Due to a new state law, Special Admit 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 CONTACT INFORMATION
Call 714-564-6017 if you have questions.
Santa Ana College
Admissions Office, Room S-101
Monday–Thursday, 8:00am–6:45pm • Friday, 8:00am–4:30pm

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

CONTINUING STUDENT
You are a continuing student if you were enrolled in college credit classes at during the Fall 2020 or Spring 2021 semester.

EARLY REGISTRATION FOR CONTINUING STUDENTS:
- Online registration (see page 7) is available for continuing students. Priority is based on units completed at the end of Fall 2020 or Spring Intersession 2021 at SAC & SCC only. Register via WebAdvisor, sac.edu

Continuing students who do not meet the early registration deadline may register online until the Sunday before the semester begins.

TRANSFER STUDENT
Information for new students from other colleges
If you have attended another college, especially another community college, you must bring any official copies of your transcripts.
Drop by to see a counselor at the Santa Ana College Counseling Center in S-112.
NEW STUDENT
If you are a new student and have never enrolled in college credit classes at or SCC. Submit an application online, sac.edu.

Review Your Placement
English and Math placement is determined using information on your application. You can find your Course Placement Recommendation Scores for English, reading and math on WebAdvisor. If you need help understanding your placement information, please email the Assessment Center at testing_center@sac.edu, or call (714) 564-6148.

Attend a Registration Orientation
Attend a Registration Orientation (2-hour small group session). Go to page 23 for additional information on the Registration Orientation. Visit sac.edu/orientation to sign up for a date and time that works for you.

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 by going to user account and looking under "What’s My Student Number.

REGISTRATION BY APPOINTMENT
Former Students and Other New Students
You may apply and enroll online – sac.edu.

LATE REGISTRATION & ADD PERIOD
August 23 – September 5, 2021
Instructor signature or Add Authorizations are required on all adds after the semester begins. Use the computer to drop classes through the established drop date (75% of the way through a class). To avoid fees, drop by September 5, 2021 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 may be dropped. If your name remains on the Wait List, you must attend the first class meeting and obtain the instructor’s Add Authorization to add the course (Log in to WebAdvisor often to check your status on the Wait List).

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 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,
- Mail check or money order to:
  Santa Ana College
  Registration, Cashier’s Office,
  1530 W. 17th Street, Santa Ana, CA 92706
  Santiago Canyon
  Registration, SCC Cashier’s Office,
  8045 E. Chapman Avenue, Orange, CA 92869
- Make checks payable to “RSCCD” and write your Student ID number on the check.
- Do not send cash!

Enrollment fee waivers are available through the FAFSA and Dream Act. Links to the applications can be found on the financial aid page sac.edu/finaid

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.
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.

To avoid fee charges, students who have enrolled and paid for classes and decide not to attend, must drop full-semester classes before Sunday, September 5, 2021. 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, September 5, 2021 to avoid Academic Hold and “W” grade.
- Even if you do not attend the class, after the semester begins, you owe the fees unless you drop the class before Sunday, September 5, 2021.

ONLINE REGISTRATION & RECORDS

Visit the college website at 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

ONLINE REGISTRATION is available for continuing students enrolled at during Fall 2020 or Spring 2021. 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 5 for other helpful and important registration information.

WEBADVISOR REGISTRATION STEP-BY-STEP

1. Go to sac.edu and click on WebAdvisor
2. From the Menu, click on the Log In tab at the top
3. Log in with your User ID and password
4. Click on Students
5. Click on the Register for Classes link
   (also click on address change to update your email account if necessary)
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 my 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

sac.edu/online_counseling
## FEES & TUITION

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<tr>
<th>FEES DESCRIPTION</th>
<th>FEE</th>
<th>TOTAL</th>
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<tbody>
<tr>
<td><strong>ENROLLMENT FEE</strong></td>
<td>$46 X units</td>
<td>$</td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>BACCALAUREATE TUITION</strong></td>
<td>$84 X units</td>
<td>$</td>
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<tr>
<td>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 California College Promise Grant (CCPG) Fee Waiver.) Payment is required of all students upon registration for classes. These fees are subject to change.</td>
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<tr>
<td><strong>NON-RESIDENT TUITION</strong></td>
<td>$317 X units</td>
<td>$</td>
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<tr>
<td>Non-resident tuition: $317.00 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.</td>
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<td><strong>HEALTH FEE</strong></td>
<td>$19</td>
<td>$</td>
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<tr>
<td>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 &amp; Records Office.</td>
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<tr>
<td><strong>TRANSPORTATION FEE</strong></td>
<td>Full-time $6.75 Part time $5.75</td>
<td>$</td>
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<tr>
<td>A transportation fee of $6.75 for full time students (12+ units) and $5.75 for part time students (.5 – 11 units) is charged to all students whether or not they choose to use the transportation discount service (OCTA ride program).</td>
<td></td>
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</tr>
<tr>
<td><strong>REPRESENTATION FEE</strong></td>
<td>$2</td>
<td>$</td>
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<tr>
<td>$2.00 (Fee is optional.)</td>
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<tr>
<td><strong>MATERIALS FEE</strong></td>
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<tr>
<td>A materials fee may be required for a course. Check class listings in this publication for specific fees.</td>
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<tr>
<td><strong>OPTIONAL FEES:</strong></td>
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<tr>
<td><strong>STUDENT LIFE &amp; LEADERSHIP FEE</strong></td>
<td>$10 (Optional)</td>
<td>$</td>
</tr>
<tr>
<td>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. The Photo ID is available at the Cashier’s Office, Johnson Student Center, JSC-202 at Santa Ana College, FREE of charge.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PARKING FEE</strong></td>
<td>Regular Student: $30 Fee Waiver Student: $20 (Optional)</td>
<td>$</td>
</tr>
<tr>
<td>Parking permits are $30.00 for regular students and $20.00 for fee waiver students. All Mandatory fees must be paid in order to purchase parking. A permit is required to park on campus at and SCC only. Only one permit is necessary for students who attend both colleges. Motorcycles are exempt in designated parking areas. Fee is optional. Parking Permits are purchased online through WebAdvisor.</td>
<td></td>
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</tr>
</tbody>
</table>

Financial assistance information, including the California College Promise Grant (CCPG) Fee Waiver Program is located on page 10.
FEE PAYMENT OPTIONS
Payment by check, Visa, Mastercard, American Express, or Discover Card are accepted for payment by mail, online, by drop box, or in person.
Questions? Call 714-564-6965.

ONLINE:
Payment by credit card via the college website. Santa Ana College: Login to your WebAdvisor account at sac.edu

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

IN PERSON:
Santa Ana College: Fee payments are made in the Cashier’s Office in room J-202
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.

NOTICE: DISHONORED CHECKS
A $25.00 fee will be charged for a check returned for any reason. In addition, an administrative hold will be placed against your student records and a class stop may be issued. Payment for dishonored checks may be made by cash, cashier’s check or money order only at the Cashier’s Office at SAC, room J-202, or the Cashier’s Office at SCC.

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, September 5, 2021, or by 10% of a course less than a semester in length, may request a 100% refund.
FINANCIAL AID

CALIFORNIA COLLEGE PROMISE GRANT (CCPG) FEE WAIVER PROGRAM

There are three ways for California residents to qualify to have their enrollment fee waived at and SCC.
Submit the completed CCPG form to the Financial Aid Office for Method A and Method B.

CCPG A: UNTAXED INCOME

Complete the CCPG 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 Veteran 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.

CCPG B: FAMILY INCOME

To be eligible, you must complete the CCPG application attesting that the family income does not exceed the state income standards determining eligibility.

CCPG C: FINANCIAL AID APPLICANT

Complete the FAFSA or California Dream Act application process. Applicants with a least $1,104 of unmet need will be provided with a CCPG C that will pay the Enrollment Fee for the entire academic year and provide a refund to students who have already paid.

In order to remain eligible for the California College Promise Grant Fee Waiver (CCPG) 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 CCPG Fee Waiver eligibility.

If you lose your CCPG eligibility for not meeting the academic standards you may appeal. Appeals will be reviewed that have documented extenuating circumstances such a 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 CCPG Fee Waiver for not meeting academic or progress probation.

THE FINANCIAL AID APPLICATION PROCESS:

To apply for financial aid, you must complete the FAFSA (www.fafsa.ed.gov) or California Dream Act Application (dream.csac.ca.gov) online prior to your last day of attendance.

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 CCPG 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.
• 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.
• 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.
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.

CAL GRANT B
Is provided to students from low-income families with living allowance and tuition and fee assistance to attend college. 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.

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.

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 / CARE)
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, and other benefits as funding permits. The CARE program provides students additional services and benefits such as cash-grant incentive program, monthly workshops, and meal cards.

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
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 prerequisite is discriminatory or is being applied in a discriminatory fashion.
2. The prerequisite is discriminatory or is being applied in a discriminatory fashion.
3. The student has documented knowledge and abilities equivalent to those specified in the prerequisite course.
4. 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

You will lose priority registration if you are on academic or progress probation for 2 semesters, or if you have more than 100 degree applicable units.
ASSOCIATE DEGREE REQUIREMENTS*

To qualify for an associate degree (other than an Associate Degree for Transfer*), the candidate must meet the following requirements:

Courses: Sixty units in the following 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. (Grades of Pass are allowed for Associate Degrees for Transfer.) 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 16

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 or 102H (Public Speaking), Communication Studies 140 (Argumentation and Debate), Communication Studies 145 (Group Dynamics), Communications Studies 150 (Organizational Communication), Communication Studies 152 (Oral Interpretation).

1. Note: The requirements in parts II, III, and IV 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 from 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.

2. Courses numbered less than 100 and preceded by “N” are NOT applicable to the Associate Degree.

3. ** If Business 130 is used to meet CSU GE Area B4 - Mathematics/Quantitative Reasoning, then the associate degree (AA, AS) math proficiency may NOT be met. Students using Business 130 for B4, must meet one of the math proficiency requirements in Section III, unless earning an Associate Degree for Transfer (AA-T, AS-T).

4. Grade Point Average: A cumulative G.P.A. of at least 2.0 (C).

5. Residency: At least 12 units completed at (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).

6. Petition for Graduation and Catalog Rights:

7. 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 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.

* Please see the Catalog for degree requirements for the Associate in Arts for Transfer (AA-T) and the Associate in Science for Transfer (AS-T). Plan A does not meet the general education requirements for Associate Degrees for Transfer
I. MAJOR REQUIREMENTS  See the Instructional Programs section of the catalog.

II. GENERAL EDUCATION REQUIREMENTS FOR THE ASSOCIATE DEGREE

Plan A: 2021–2022

Note: Plan A does not meet the general education requirements for Associate Degrees for Transfer. 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.

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, 119, 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
   Psychology 200

B. SOCIAL AND BEHAVIORAL SCIENCES (minimum 6 units)
   1. American Institutions (minimum 3 units)
      History 118, 120 or 120H, 121 or 121H, 122
      Political Science 101 or 101H
   2. Social Science Elective (minimum 3 units)
      Anthropology 100 or 100H
      Child Development 107, 110
      Criminal Justice 101 or 101H
      Economics 120, 121
      Geography 100 or 100H, 102 or 102H, 140, 155
      History 101 or 101H, 102 or 102H
      Law 100
      Paralegal 100
      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, 211
   Anthropology 104 or 104H
   Art 100 or 100H, 101, 102, 105, 110
   Communications and Media Studies 103, 105 or 105H, 111
   Dance 100 or 100H, 101, 104, 105
   Digital Media 101, 102, 103, 104, 105, 107, 113
   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, 243, 270, 271, 272
      Music 101 or 101H, 102 or 102H, 104, 105, 110, 111
      Philosophy 106 or 106H, 108, 112, 118
      Theatre Arts 100, 105, 120, 123
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, 245, 246, 278
   - 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
   - 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
   - Digital Media 102, 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.
   - Business 130
   - Communication Studies 102 or 102H, 140, 145, 150
   - Computer Science 100, 105
   - Counseling 144
   - English 102 or 102H, 103 or 103H
   - Mathematics 078, 082, 083, 084, 105, 140, 141, 145, 150, 162, 170, 180, 185, 204, 219 or 219H, 221, 280, 287
   - Philosophy 110 or 110H, 111
   - Psychology 210
   - Reading 101X, 102, 150

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.
   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 counselor or the catalog for additional information.

1. Completion of one of the following:
   - Child Development 107
   - Counseling 100, 116, 124, 125, 128
Entrepreneurship 100
Fashion Design Merchandising 103
Interdisciplinary Studies 111, 155
Kinesiology, Health Education 101 or 101H, 102, 103, 104, 108
Kinesiology, Professional 125, 160
Library and Information Studies 100
Mathematics 030
Nutrition & Food 115 or 115H
Philosophy 111
Psychology 140, 160, 230
Sociology 112
Study Skills 109

2. Completion of one of the following:
   270A, 290A, 290B
   Kinesiology, Adapted Activities 201A, 202A, 202B, 205A, 208A, 208B, 211A, 211B
   Kinesiology, Aerobic Fitness 140, 140A, 143A, 144A, 146A, 146B, 150A, 156A, 156B, 157A
   Kinesiology, Aquatics 201A, 201B
   Kinesiology, Intercollegiate Athletics 125, 128, 133, 171, 201, 202, 204, 206, 209, 210, 211, 212,
   291, 293
   Kinesiology, Professional 155, 165, 175, 195, 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
      The Reading Proficiency will be considered met by earning a C or better in English 101 or 101H.

   B. MATHEMATICS
      1. Completion of Mathematics 082, 083/084 or any other 3 unit mathematics course numbered
         above the level of 083/084; or Psychology 210;
         - OR -
      2. Recommended placement into Math 140, Math 150, Math 162, Math 180, or Math 219 and
         without the recommendation of taking a course that provides additional support based on the
         Santa Ana College Mathematics Department multiple measures placement criteria;
         - OR -
      3. A score of 3 or better on the following AP exams: Statistics, Calculus AB, Calculus BC, Computer
         Science Principles (Note: Meets Area B4 on CSU-GE Plan)

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 or 102H (Public Speaking),
   Communication Studies 140 (Argumentation and Debate), Communication Studies 145 (Group Dynamics),
   Communication Studies 152 (Oral Interpretation).

CERTIFICATE PROGRAMS

   A certificate is a verification of competency in a particular occupational skill. Certificate programs normally
   include only those courses which have a direct bearing upon specialized occupational competency since the
   certificate has the sole objective of immediate employment in a specialized area. For this reason there is no
   general education requirement in a certificate program. Santa Ana College certificate programs leading to
   immediate employment are listed in the catalog. To qualify for a certificate of completion, a candidate must
   meet the following requirements:

   1. Courses: Courses are designated for the specific certificate.
   2. Grades: At least a C grade in each course required for the certificate, unless otherwise specified. Credit
      by Examination may also be used to gain credit for required courses.
   3. Pass/No Pass: A pass/no pass course is acceptable toward the certificate if it is required for the
      certificate and (a) offered on a pass/no pass basis only or (b) if the pass/no pass is earned on the basis of
      credit by examination.
   4. Residency: Twelve units completed at SAC/SCC. (At least six of the units must be in courses required
      for the certificate, unless otherwise noted in the catalog.)
   5. Petition: Petition for certificate filed by the student with the Office of Admissions and Records.
Significant changes have been made to this general (GE) pattern effective Fall 2021. Area D, Social Sciences, has been reduced from nine units to six. Area F, Ethnic Studies, is a new three unit requirement. Students who began at SAC in Fall 2021 or later should follow the course pattern below. However, students who began attending SAC prior to Fall 2021 will be permitted to complete the previous CSU GE pattern if they maintain continuous enrollment. Please consult a SAC counselor for additional information.

CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH (CSU GE)

Plan B 2.0: 2021–2022 Santa Ana College

These requirements apply to all students. Students planning to graduate from one of the 23 campuses of the California State University must complete 48 semester units in general education breadth courses. A student may complete 39-40 units of general education at Santa Ana College prior to transfer. Nine semester units of general education coursework must be completed at the upper division level after transfer.

CERTIFICATION OF GENERAL EDUCATION

1. Santa Ana College is authorized to certify a maximum of 39-40 general education units.
2. Pass/No Pass grades are accepted for certification in all areas, however they are not recommended for transfer credit in basic skill areas. (A. English Language Communication and Critical Thinking, A1, A2, and A3; and B4, Mathematics/Quantative Reasoning). In addition, letter grades may be recommended or required for specific courses in a given major. Each CSU campus may also limit the total number of units graded credit.
3. A single course may not meet more than one general education requirement.
4. Requests for certification should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. (Please check deadlines.)
5. Certification of coursework from other colleges will only be granted to students whose last community college of attendance prior to transfer is Santa Ana.
6. Courses taken at other California Community Colleges will be applied to the subject areas in which they were listed by the institution where the work was completed.
7. Courses taken at other regionally accredited private/out of state institutions (which do not maintain a CSU certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Courses completed at foreign institutions are not acceptable for certification. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet General Education Breadth requirements will be honored if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2021 and are valid through Summer 2022.

TRANSFER CREDIT

1. Students may transfer up to 70 semester units to the CSU system. Sixty transferable units are needed for junior standing.
2. All courses used for CSU transfer credit must be numbered 100 or above in the Santa Ana College catalog.

A. English Language Communication and Critical Thinking (minimum 9 semester/12 quarter units)
The 9 units selected from this area must include at least one course each from A1, A2, and A3. Each course must be completed with a grade of “C” or better.

A1: Oral Communication
Communication Studies 101 or 101H, 102 or 102H, 103 or 103H, 140, 145, 150

A2: Written Communication
English 101 or 101H

A3: Critical Thinking
Communication Studies 140
Counseling 144
English 102 or 102H (102 and 102H not accepted in A3 if completed prior to Fall 2011), 103 or 103H
Philosophy 110 or 110H, 111
Reading 150

B. Scientific Inquiry and Quantitative Reasoning (minimum 9 semester/12 quarter units)
The 9 units selected from this area must include at least one course each from B1, B2, and B4. The 9 units must also include a corresponding lab component. (Lab classes are in BOLD.) Courses in B4 must be completed with a grade of “C” or better.

B1: Physical Science
Astronomy 109, 110 or 110H
Chemistry 109, 115, 119, 209, 210, 219 or 219H, 229
Earth Science 110 or 110H, 115, 150 or 150H
Environmental Studies 140
Geography 101, 130
Geology 101, 140, 150 or 150H, 201
Physical Science 115, 117
Physics 109, 210, 211, 217, 227, 237, 279, 289

B2: Life Science
Anthropology 101
Biology 109 or 109H, 111, 115, 139, 149, 177, 190, 211, 212, 214, 229, 239, 249, 259
Environmental Studies 259
Psychology 200 (Fall 2017 or later completion)

B3: Laboratory Activity
Anthropology 101L
Astronomy 140
Biology 109L, 111, 115, 139, 149, 190L, 211, 212, 214, 229, 239, 249, 259
Chemistry 109, 115, 119, 209, 210, 219 or 219H, 229
Earth Science 115
Environmental Studies 259
Geography 101L
Geology 101L, 201
Physics 109, 210, 211, 217, 227, 237, 279, 289
Physical Science 115, 118

B4: Mathematics/Quantitative Reasoning
Courses must be completed with a grade of “C” or better.
Business 130 (Fall 2019 or later completion) (Does not meet the Math Proficiency requirement for AA and AS degrees. See Associate Degree Requirements on page 13)
Mathematics 105, 140, 141, 145, 150, 162, 180, 185, 204, 219 or 219H, 221, 280, 287
Psychology 210

C. Arts and Humanities (minimum 9 semester/12 quarter units)
This area must include one course from C1 and one course from C2.

C1: Arts: Art, Cinema, Dance, Music, Theatre
Art 100 or 100H, 101, 102, 103, 104, 105, 106, 108
Communications and Media Studies 103
Dance 100 or 100H, 101, 102, 104, 105
Digital Media 102, 103, 104, 107, 113
English 233A, 233B, 233C
Interdisciplinary Studies 121
Music 101 or 101H, 102 or 102H, 103, 104, 105, 110 (Fall 2015 or later completion), 111
Photography 150
Theatre Arts 100, 105, 120, 123

C2: Humanities: Literature, Philosophy, Languages Other Than English
American Sign Language 110, 111, 116, 210
Chinese 101, 102
Digital Media 105
French 101, 102, 201 or 201H, 202 or 202H
History 101 or 101H, 102 or 102H, 150, 151, 153, 163
Interdisciplinary Studies 200
Italian 120, 121
Japanese 101, 102
Kinesiology, Professional 170
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

D. Social Sciences (minimum 6 semester/9 quarter units)
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 or 101H
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 or 121H, 123, 124 or 124H, 125, 127, 133, 146, 150, 151, 153, 163, 181
Interdisciplinary Studies 117H, 155
Kinesiology, Professional 150
Law 100
Paralegal 100 (Fall 2021 or later completion)
Political Science 101 or 101H, 200 or 200H, 201, 220, 235
Psychology 100 or 100H, 140, 157, 160, 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 120H, 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.

**E1:**
- Child Development 107, 229
- Communication Studies 104
- Counseling 100, 116, 124, 125, 128
- Fashion Design Merchandising 103 (Fall 2021 or later completion)
- Interdisciplinary Studies 155
- Kinesiology, Health Education 101 or 101H, 102, 103, 104
- Kinesiology, Professional 125
- Nutrition and Food 115 or 115H
- Psychology 140, 157, 230
- Sociology 112
- Study Skills 109 (Fall 2013 or later completion)

**E2:**
- Kinesiology, Adapted Activities 201A, 202A, 202B, 205A, 208A, 208B, 211A, 211B
- Kinesiology, Aerobic Fitness 140A, 143A, 144A, 146A, 146B, 150A, 156A, 156B, 157A
- Kinesiology, Aquatics 201A, 201B

**F. Ethnic Studies**
(minimum 3 semester/4 quarter units)
- Chicano Studies 101 (Fall 2021 or later completion)
- Ethnic Studies 101 (Fall 2021 or later completion) or 101H (Fall 2021 or later completion)

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**Planning to Transfer?**
www.assist.org
Your official source for California articulation and student transfer information.
INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

Plan C: 2021–2022 Santa Ana College

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from Santa Ana College to a campus in either the CALIFORNIA STATE UNIVERSITY or the UNIVERSITY OF CALIFORNIA system without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

1. It is generally recommended that students complete all requirements for IGETC and receive certification prior to transfer. Students may obtain partial certification however by completing all but 1-2 courses. Consult a counselor for additional information.

2. Complete all courses used for IGETC certification with a minimum grade of C (C minus is not acceptable). A “pass” is acceptable providing it is equivalent to a grade of C or higher. The catalog must reflect this policy.

3. Request certification from the last California community college you attend prior to transfer to CSU or UC. Requests should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. (Please check deadlines.)

4. Prior to requesting certification, have all official transcripts on file from every high school and college you have attended.

5. Courses taken at other California community colleges will be applied to the subject areas in which they are listed by the institution where the work was completed.

6. Courses taken at other regionally accredited private/out of state institutions (which do not maintain an IGETC certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Equivalency is determined by Santa Ana College faculty. Petitions are available from Counseling and must be accompanied by the appropriate documentation. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information.

7. Courses completed at foreign institutions (without U.S. regional accreditation) are not acceptable except for certification of competence in a language other than English.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet IGETC requirements will be honored if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2021 and are valid through Summer 2022.

AREA 1 - ENGLISH COMMUNICATION

CSU: 3 courses required, one from each group.
UC: 2 courses required, one each from Group A and B.

Group A: English Composition
1 course, minimum 3 semester/4-5 quarter units.
English 101** or 101H**

Group B: Critical Thinking-English Composition
1 course, 3 semester/4-5 quarter units.
English 102** or 102H** (102 and 102H not accepted in 1B if completed prior to Fall 2011)
English 103** or 103H**
Philosophy 110** or 110H**

Group C: Oral Communication (CSU ONLY)
1 course, 3 semester/4-5 quarter units.
Communication Studies 102** or 102H**, 103** 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 100** or 100H**, 101, 102, 103, 104, 105, 106, 108
Communications and Media Studies 103
Dance 100** or 100H**, 102, 105
Digital Media 103, 104, 107
Interdisciplinary Studies 121
Music 101** or 101H**, 102** or 102H**, 103, 104, 105, 111
Photography 150
Theatre Arts 100, 105, 123 (Fall 2020 or later completion)
**Group B: Humanities (minimum 1 course)**

- American Sign Language 111, 116, 210
- Chinese 102
- English 102** or 102H**, 220, 231, 232, 233A or 233B or 233C, 241, 242, 243, 245, 246, 270 (Fall 2020 or later completion), 271, 272, 278
- French 102, 201** or 201H**, 202** or 202H**
- History 101** or 101H**, 102** or 102H**, 150, 151, 153, 163*
- Interdisciplinary Studies 200
- Italian 121
- Japanese 102
- Philosophy 106** or 106H**, 108, 112, 118
- Spanish 102** or 201H**, 195A, 195B, 201** or 201H**, 202** or 202H**
- Vietnamese 102

**AREA 4 - SOCIAL & BEHAVIORAL SCIENCES**

- 3 courses, 9 semester/12-15 quarter units from at least 2 disciplines or an interdisciplinary sequence.
- Anthropology 100** or 100H**, 103, 104** or 104H**, 105, 125
- Asian American Studies 101
- Biology 200
- Black Studies 101
- Chicano Studies 101
- Child Development 107**
- Communication Studies 206** or 206H**
- Communications and Media Studies 105** or 105H**, 111
- Criminal Justice 101** or 101H**
- Economics 120, 121
- English 104** or 104H**
- Environmental Studies 200
- Ethnic Studies 101** or 101H**, 102** or 102H**
- Geography 100** or 100H**, 102**, 140
- History 101**, 101H**, 102**, 102H**, (101, 101H, 102, 102H Fall 2013 or later completion), 105, 118, 120** or 120H**, 121** or 121H**, 123, 124** or 124H**, 125, 127, 133, 140, 146, 163*, 181
- Interdisciplinary Studies 117H, 155
- Law 100 (Fall 2020 or later completion)
- Paralegal 100 (Fall 2021 or later completion)
- Political Science 101** or 101H**, 200** or 200H**, 201, 220, 235
- Psychology 100** or 100H**, 140, 157**, 160, 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** or 115, 177**
- Geology 101**, 140, 150** or 150H**, 201
- Physical Science 115, 117**

**Group B: Biological Science (1 course)**

- Anthropology 101
- Biology 109** or 109H**, 111, 115, 139**, 149 (Fall 2017 or later completion), 177, 190, 211**, 212, 214, 229**, 239, 249, 259
- Environmental Studies 259
- Psychology 200 (Fall 2017 or later completion)

**Group C: Laboratory Activity**

- Anthropology 101L
- Astronomy 140
- Biology 109L, 111, 115, 139**, 149 (Fall 2017 or later completion), 190L, 211**, 212, 214, 229**, 239, 249, 259
- Earth Science 115**
Environmental Studies 259
Geography 101L
Geology 101L, 201
Physical Science 115, 118**

**AREA 6A - LANGUAGE OTHER THAN ENGLISH (U.C. ONLY)**
Satisfactory completion of two years of high school coursework in one language other than English with grades of “C-” or better***;

OR
Completion of one of the following: American Sign Language 110, 111, 112; Chinese 101; French 101, 102, 201, 201H, 202, 202H; Italian 120; Japanese 101, 102; Spanish 101, 101H, 102, 102H, 201, 201H, 202, 202H; Vietnamese 101, 102;

OR
Satisfactory completion, with “C” grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English;

OR
Satisfactory score in examinations of languages other than English as follows: 3 or higher on College Board Advanced Placement Examination, 5 or higher on International Baccalaureate Higher Level Examination; SAT II: Subject Tests (see counselor for required scores); A, B, or C on “0” Level exam; 5, 6, 7, A, B, or C on “A” Level exam;

OR
Satisfactory completion of an achievement test administered by a college in language other than English equivalent to two years of high school language. If an achievement test is not available a faculty member may verify competency.

**AMERICAN INSTITUTIONS REQUIREMENT**
(Not part of IGETC. May be completed prior to transfer.)
CSU has an American Institutions graduation requirement that is separate from IGETC. Courses used to meet the CSU requirement can usually also be used in Area 3 or 4. (This is at the discretion of each CSU campus.)
To meet the CSU requirement, students should take Political Science 101** or 101H** AND one of the following courses: History 118, 120**, 120H**, 121**, 121H**, 123, 124**, 124H**, 127, 146.

UC requires the completion of a college course or courses with a grade of “C” or better OR a one-year course in high school in U.S. History or a half-year course in U.S. History and a half-year course in American Government with grades of “C” or better (UCLA requires grades of “B”). UCSB requires the completion of a college course. If you are using college coursework to satisfy this requirement, check the appropriate UC catalog to determine which course(s) to take.

Courses with a (P) are pending approval from the UC office of the President and the CSU Chancellor’s office. Please consult a counselor before enrolling

**Planning to Transfer?**
www.assist.org
Your official source for California articulation and student transfer information.
NEW STUDENT REGISTRATION ORIENTATION

Registration Orientations are done in small groups (up to 15 students) and are led by a Counselor. During the first 30 minutes students will be provided with an overview of Santa Ana College, the English and math placement process, cost, financial aid information, and registration process. Students will also have the opportunity to briefly meet one-on-one with a Counselor for academic advisement and to develop a two-semester abbreviated education plan. Students will be seen using the following order:
1. Students planning to enroll just for one semester.
2. New students that have never attended or any other Community College or University.
3. Students that have taken classes at other Community Colleges or Universities. We recommend students bring a copy of their college and/or university transcripts.

Call or visit the Assessment Center for more information.
Location: Building L-223
Phone: (714) 564-6148
Website: sac.edu/orientation

What services could I receive during the New Student Registration Orientation?
• Discuss your placement options based on your Career and Academic Pathway.
• Get help selecting your Career and Academic Pathway (major) and clarify your education goals.
• Choose the best courses for you.
• Receive assistance in registering for classes.
• Learn about the various options SAC has to assist you in paying for your classes.

Is there anything I need to bring to the Orientation?
Bring a copy of your course placement recommendation, AP/IB scores or transcripts with you.

What if I didn’t receive a placement recommendation score?
You can take the Guided Self-Placement online at sac.edu/guidedselfplacement

What if English is not my first language?
If English is not your first language and you want to develop your reading, writing, grammar, and speaking skills you should:
   STEP 1: Complete the Guided Self-Placement online by going to the Assessment Center webpage sac.edu/assessmentcenter.
   STEP 2: Speak with a Counselor to determine which course is the appropriate option for you based on your academic goal.

Assembly Bill AB 705: The Law And Your Rights
The Governor of California signed the bill, AB 705, on October 13, 2017 to take effect on January 1, 2018. This bill changes the way in which California Community Colleges place students into English, Math, and English for Multilingual Students courses. This is based on statistical evidence that U.S. high school coursework, high school grades and high school grade point average are better indicators of appropriate placement than the previously used standardized tests. The only standardized test that we can still offer under AB 705 is for courses for English Multilingual Students.
Under AB 705, we are also required to use multiple measures, which can include other academic experiences, work history, military training, specialized licenses, certificates, and a Guided Self Placement. Students that do not have access to U.S. High School transcripts can complete the Guided Self Placement, please visit the Assessment Center website at sac.edu/assessmentcenter for additional information.
Placement data disaggregated by race and ethnicity is available for all students to access by visiting: qr.go.page.link/ETG9y

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.
FRESHMAN SUCCESS

LEARNING COMMUNITIES AT SANTA ANA COLLEGE

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

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

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

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

FRESHMAN SUCCESS COURSES FALL 2021

<table>
<thead>
<tr>
<th>Section</th>
<th>Units</th>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Modality/Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Puente 93281</td>
<td>4.5</td>
<td>ENGL 102</td>
<td>10:15a-12:20p</td>
<td>Tu Th</td>
<td>Martinez, D</td>
<td>Room D-101 R^L</td>
</tr>
<tr>
<td>94659</td>
<td>1</td>
<td>CNSL 104</td>
<td>1:00p-1:50p</td>
<td>T</td>
<td>Staff</td>
<td></td>
</tr>
<tr>
<td>ULINK 93282</td>
<td>4.5</td>
<td>ENGL 102</td>
<td>12:30p-2:35p</td>
<td>MW</td>
<td>Villa, B</td>
<td>R^L</td>
</tr>
<tr>
<td>94726</td>
<td>3</td>
<td>CNSL 128</td>
<td>1:40p-4:50p</td>
<td>W</td>
<td>Beirne, C</td>
<td>R^L</td>
</tr>
<tr>
<td>ULINK 95632</td>
<td>3</td>
<td>CMST 102</td>
<td>1:00p-4:10p</td>
<td>M</td>
<td>Fondren, S</td>
<td>R^L</td>
</tr>
<tr>
<td>94728</td>
<td>3</td>
<td>CNSL 128</td>
<td>1:40p-4:50pm</td>
<td>W</td>
<td>Hurtado, J</td>
<td>R^L</td>
</tr>
<tr>
<td>ULINK 93360</td>
<td>4.5</td>
<td>ENGL 103H</td>
<td>10:15a-12:20p</td>
<td>Tu Th</td>
<td>Patterson, K</td>
<td>R^L</td>
</tr>
<tr>
<td>92972</td>
<td>3</td>
<td>ANTH 101</td>
<td>1:30p-4:40p</td>
<td>T</td>
<td>Leroy, A</td>
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<tr>
<td>94727</td>
<td>3</td>
<td>CNSL 128</td>
<td>1:40p-4:50p</td>
<td>W</td>
<td>Zook, R</td>
<td>R^L</td>
</tr>
</tbody>
</table>

R^L REMOTE LIVE (RL) Live scheduled web meetings during published course times
R^B REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

Important: Students are required to enroll in all classes within the Freshman Success cohort.

To enroll in this program, students may register online.

For further information, call the Counseling Center at 714-564-6103.
STUDENT SERVICES

ACADEMIC COMPUTING CENTER
Cesar Chavez A-106
714-564-6731
sac.edu/ACC

Hours: Mon – Thu: 10:00 am – 7:00 pm Fri: 10:30 am – 2:30 pm
Available to all SAC & CEC students
Computer Access to: attend Zoom class sessions & take Proctorio exams
Online & In-person Tutoring: Accounting, Computer Science, Business Writing, Math, & Microsoft Office
• PCs and Macs
• Engineering and Computer Science software
• Scanners
• Student Printing
*All students are required to bring the necessary material to use while in the Center, such as textbooks and headsets*

ADMISSIONS / REGISTRATION
Admissions Office now has more ways to assist students!
• Admissions Live Chat
• In-person appointments* - Tuesdays & Thursdays- 9:00am-12:30pm, call 714 564-6017
  *Please note, masks will be required and social distancing measures will be implemented at all times.
• Email us at Adjm_Records@sac.edu – submit documents or ask questions
  sac.edu/StudentServices/AdmissionsRecords – HOME PAGE
  sac.craniumcafe.com/group/admissions-/lobby – LIVE CHAT

ONLINE HOURS ONLY:
MON – THURS: 8:00A TO 6:45P
FRIDAY: 8:00A TO 4:30P

ASSOCIATED STUDENT GOVERNMENT (ASG)
Johnson Student Center, J-103
714-564-6208
Talk with staff online via Cranium Café! Visit our website for more information!

sac.edu/StudentServices/StudentLife

The Associated Students was established to provide students with government anClubs/d 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 Office of Student Life for information regarding student government, Inter-Club Council, clubs/student organizations and the Student Leadership Institute.

BOOKSTORE/CAMPUS STORE
donbookstore.com/donbook Please check our website for in person shopping hours.
Located in the Johnson Student Center, JSC-117
Phone: 714-564-6435

Bookstore Check Cashing Policy: Personal checks made payable to are accepted in the amount of purchase. Students must present a current student ID.
Credit Cards: Current ID required and the cardholder must be present. Visa, MasterCard, and Discover accepted.
Bookstore Refund Policy: Textbooks for full semester courses can be refunded within one week of the first day of classes with current register receipt.
Test materials/supplies also available in the vending machine located in Cesar Chavez Building and at the Don Express.

CalWORKs
Johnson Student Center Room JSC-212
Hours: Mon.-Thur. 8:00a-5:00p • Fri. 8:00a-12:00 noon
Phone: 714-564-6232
Email: CalWORKs@sac.edu
California Work Opportunity and Responsibility to Kids, “CalWORKs”, serves students who meet the Welfare to Work requirements, verified by County Social Services. A variety of support services are provided to help students succeed academically and work towards economic self-sufficiency.
Services provided in a virtual setting only until further notice. Staff and Counselors use various methods (Zoom, Cranium Café, phone, email) for student contact.
CalWORKs staff members are available through phone and email during normal business hours.
Please visit our CalWORKs homepage for more details.
CAREER CENTER
L-Bldg, 2nd floor, Room L-222
714-564-6254
sac.edu/StudentServices/Counseling/CareerCenter
The CAREER CENTER provides a variety of services and workshops to assist students in navigating their Career & Academic Pathways including Career Development, Employment Services, Service Learning Internships, and Counseling appointments for students in Career Education disciplines and Undecided Majors. Classes and students utilize the Career Center Resources.

UNDECIDED 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.

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.

CASHIER’S OFFICE & PHOTO I.D. HOURS
Johnson Student Center, JSC-202 • Phone: 714-564-6965
Hours: Mon –Thur: 8:00a to 5:00p • Friday: 8:00a to 5:00p
Pay fees online sac.edu

CENTER FOR TEACHER EDUCATION
Administration Building, Room S-110
714-564-6352
teacher_ed@sac.edu
sac.edu/teachered
Hours: Mon.-Wed. 8:00a-7:00p • Thur. 8:00a-5:00p • Fri. 8:00a-12:00p
All services are provided online during temporary remote instruction.
Center for Teacher Education (CFTE) is a resource center for students interested in pursuing careers in education including teachers, librarians, counselors, and other school personnel, as well as students in the Future Educators Career & Academic Pathway. CFTE offers information, specialized counseling and academic advisement, and support services such as transfer assistance and career preparation, a textbook loan program, field trips and university campus visits, conferences and workshops, and opportunities to network with other future educators. Contact us to learn more about our activities and services, get your questions answered about becoming an educator, or make a counseling appointment to develop an education plan.

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 RCCCD 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 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 EDUCATION
Administration Building, S-203
714-564-6594
sac.edu/cms
FAX 714-564-6309
The Community Education program offers courses for both adults and children in computers, personal growth, dance, arts & crafts, money matters & investments, recreation, business, careers, travel tours, and more. For registration information, or to obtain a brochure with a full listing of events, call or visit our office listed above.
COUNSELING SERVICES
Administration Building, Room S-112
714-564-6103
Counseling Services provide a variety of programs and procedures through which individuals are brought into the instructional program, assisted in career planning and development, assisted in planning for and pursuing courses of study, and provided avenues for obtaining employment. For more information, log on: sac.edu/counseling

DIGITAL DONS LAPTOP PROGRAM
Digital Dons is a program designed to meet students technology needs and achieve more equitable course completion. Through this program, eligible students may borrow a laptop and keep it for the entire term. We are now offering part-time students to borrow through our program; limited quantity is available.

Eligibility
Due to Covid-19, student eligibility has temporarily changed. To be eligible, students must be currently enrolled in one credit course and be a student.

Digital Dons Website
For more information reach us at our website: sac.edu/digitaldons

Student Help Desk
For questions and assistance on our Digital Dons Laptop Loan Program contact us via Cranium Café: sac.edu/StudentServices/digital-dons

DISABILITY SERVICES
Disabled Students Program & Services visit us at sac.edu/StudentServices/DSPS
Johnson Student Center, JSC-108
714-564-6295
657-235-2999 Video Phone
Hours: Mon. - Thurs. 8:00a - 5:30p • Wed. 5:30p - 7:00p (by appointment only) • Fri. 8:00a - 12:00p

The Disabled Students Program and Services (DSPS) office provides accommodations to support students in pursuit of a community college education. Students with disabilities should have the following levels of independence:

• The ability to navigate campus facilities independently or with the assistance of a personal care attendant (to be provided by the student);
• The ability to take care of his/her personal needs interdependently or with assistance of a personal attendant (to be provided by the student);
• Stable level of health/wellness in order to benefit from, and fully participate in, a full term’s work

New students must complete a DSPS application and meet with a DSPS faculty to discuss their accommodation needs. Verification of disability from a qualified professional must be provided to the DSPS office to qualify for any of the following supportive services:

• Use of special equipment
• Alternate media production
• On-campus mobility assistance
• Priority registration
• Sign Language Interpreting
• Real-time captioning/CART services
• Test proctor accommodations
• Note taking services
• Case management
• Preferential seating
• Liaison referral with community agencies

Please see the Catalog, and visit sac.edu/StudentServices/DSPS, or call 714-564-6295 for more detailed information.

Visit sac.edu/StudentServices/DSPS, come to Johnson Student Center, JSC-108, or call 714-564-6295 for more detailed information.

DON EXPRESS
Snacks, sandwiches, drinks, school supplies, test forms, and magazines.
Located between Dunlap Hall and Phillips Hall
EXTENDED OPPORTUNITY PROGRAM AND SERVICES (EOPS)

Johnson Student Center, JSC-212
714-564-6232
Hours: Mon.-Thur. 8:00a-5:00p • Fri. 8:00a-12:00 noon
Email: EOPS@sac.edu

These programs provide opportunities and services to eligible students from low-income and academically disadvantaged backgrounds. The program and services are designed to facilitate the college experience and to assist students to achieve their educational goals. The CARE program is for EOPS-eligible students who are single parents with children under the age of 18, and are verified cash-aided recipients. Services provided in a virtual setting only until further notice. EOPS Counselors use various methods (zoom, Cranium Café, phone, email) for student contact. EOPS staff members are available through phone and email during normal business hours. Please visit our EOPS homepage for more details.

FINANCIAL AID

Johnson Student Center, JSC-201
714-564-6242
sac.edu/StudentServices/FinancialAid

The Financial Aid Office administers federal and state student aid programs designed to assist students who are unable to meet the cost of education. These programs include the California College Promise Grant Fee Waiver, Cal Grant programs, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Work-Study and Direct Student Loans. Since the application process can take a number of weeks, students are encouraged to complete the FAFSA or Dream Act in early Spring (January-May) for the following Fall semester. Financial Aid applicants will be notified if any additional documents are needed to complete their application.

REMINDER: IT IS NOT TOO LATE TO APPLY! You may still qualify for financial aid for Fall and Spring. Complete the FAFSA or Dream Act now! Contact the Financial Aid Office for further details.

HEALTH AND WELLNESS CENTER

Johnson Student Center, JSC-110
714-564-6216

The Health and Wellness Center personnel promotes the physical and emotional health for every student so they can succeed in school and life. Quality clinical services, innovative health and wellness promotion activities, and outside referrals to low-cost providers in the area are provided in a caring, confidential, cost-effective, and convenient manner.

Eligibility: Full-time and part-time students currently enrolled in credit classes are eligible for services.
Cost: Students pay a health fee every term to have access to the Health and Wellness Center; therefore, most services are provided at no cost to the student. A nominal fee may be charged for certain laboratory tests, prescriptive medications, and some medical procedures.

Please see the Catalog, visit sac.edu/StudentServices/HealthCenter Come to J-110 or call 714-564-6216 for more detailed information.

LEARNING CENTER

All services in FALL 2021 are online through Canvas.
714-564-6569

The Learning Center offers a wide selection of services including tutoring for a variety of subjects (English, math, most science classes, EMT, etc.), workshops, DOTAs (Directed Online Tutoring Assignments), and conversation circles to practice English speaking skills. Modern language tutoring is available at posted hours; other subjects (except for writing tutoring) are by appointment only. Writing tutors are available without an appointment to provide feedback on papers for any class. To use the Learning Center, please go to the website at sac.edu/learningcenter and follow the directions for registering on WebAdvisor. Students can then click on the Canvas link on the Learning Center website homepage to access the Canvas Tutoring Class. In Canvas, there will be a link to the virtual front desk where a staff member will answer questions and direct students to tutors. On the Canvas homepage are also links to DOTAs, subject tutoring, and information about workshops and conversation circles. Services are free to all and CEC students. For more information or assistance, call the number listed above or email learningcenter@sac.edu.
MATH CENTER
Library L-204 (714) 564-6678
SACMathCenter@sac.edu
sac.edu/MathCenter
Fall & Spring Mon – Thu 9:00am – 7:50pm Fri: 10:00am – 12:50pm Sat: 12:00pm – 3:50pm
All & CEC math students
• Walk-in tutoring, math workshops & drop-in counseling
• PCs with math software & online homework
• Math textbooks available for student use
• Calculators (For use in the Math Center only)

MESA (MATH, ENGINEERING, & SCIENCE ACHIEVEMENT)
714-564-6373
Available Online at sac.edu/MESA
Library Building, Room L-206
MESA is an academic program designed to support educationally disadvantaged students to excel in math, engineering, and science so they can transfer to four-year institutions and prepare for professions in the Science, Technology, Engineering, and Math (STEM) fields. Services include tutoring, advisement, academic success workshops, book loans, study center, connection to professionals, and assistance finding scholarships and internships.

NEALLEY LIBRARY
Nealley Library Remote Services
Hours: Mon. - Thur. 7:30a to 9:30p • Fri. 9:00a to 1:00p • Sa. 10:00a to 2:00p • Sun. Closed
Circulation (Library Accounts and Textbook Reserves): (714) 564-6700
Reference (Research Assistance): (714) 564-6708
The library provides a variety of services and many useful print and online resources for the academic success of students and the informational needs of all.
• Access to Library Resources: The library's research databases remain available for accessing e-articles, e-books, and other online research materials 24/7. We have temporarily doubled our e-books collection due to free publisher access. Online research guides (LibGuides) are also used to point students to free and reliable web content.
• Research and Informational Assistance: Nealley librarians and staff are available to respond to information and research assistance requests via chat, email, Zoom, and phone. Details provided on the “Online Research and Informational Help” page.
• Research Consultations: Librarians are available to meet remotely with students on an appointment basis for in-depth research consultations, by Zoom or phone.
• Textbook Reserves: The eTextbooks@Nealley Library guide offers information on available digital course materials, and library staff are available to assist students remotely with locating eTextbook reserve options.
• Library Research Workshops: Students may participate in online library workshops: Finding Articles and Evaluating Online Information. For more information on how to enroll in these workshops via Canvas, visit our Online Workshops website.
• Faculty Support: Librarians are available to work with faculty remotely involving collection development, research support, information literacy instruction and IL curricular development needs. The Liaison Librarian list (within the Faculty Guide to Library Resources and Services) outlines librarian liaison assignments for divisions and departments.

PHYSICAL SCIENCE CENTER
Russell Hall R-326 (714) 564-6638 PhysicalScienceCenter@sac.edu
sac.edu/AcademicProgs/ScienceMathHealth/Biology/Pages/Biology-Study-Center.aspx
Available to all physical science students
• One-on-one & group tutoring: chemistry, physics, geology
• Supplemental instruction (SI) Mon – Thu
• Computer access
• Textbooks available for all chemistry classes
• Textbooks and materials available for Earth Science & Geology classes
• Access to printing services
• Group study rooms available
SANTA ANA COLLEGE – FALL 2021

SAC PROMISE
Administration Building, Room S-107
Hours: Mon.-Wed. 8:00a-7:00p • Thur. 8:00a-5:00p • Friday 8:00 a-12:00 p
Santa Ana College (SAC) Promise is an initiative of the Santa Ana Partnership, which was formed in 2011 by the UCI, CSUF, SAC, SAUSD and the City of Santa Ana to elevate academic achievement and college-going throughout the greater Santa Ana area. The goal of the program is to support students who would like to attain a certificate, AA degree and/or transfer to a four-year university.
Contact:
Phone: 714-564-6067
Email: sacpromise@sac.edu
Remote services through Zoom during office hours
sac.edu/StudentServices/SantaAnaCollegePromiseProgram/Pages/Contact-Us-Online.aspx

SCHOLARSHIP PROGRAM
Administration Building, S-201
714-564-6478
Hours: Mon.-Thur. 8:30a-5:00p • Fri. 9:00a-2:00p
The Scholarship Program is a resource for local and national scholarships. The Scholarship Program offers scholarships for incoming, continuing, and graduating/transferring students. The online scholarship application opens during the first week of November and closes early/mid February. Basic guidelines for scholarship applications are: current enrollment in at least 6 units at SAC, a minimum GPA of 2.0, and completion of at least of 12 units at SAC. Each May, scholarship recipients are announced at the Scholarship Awards Ceremony and funds are available for the following fall semester. Scholarship and application information can be found at sac.edu/scholarships.
The Scholarship Program is available to work with interested individuals, businesses, and corporations to establish new scholarships. For more specific information about the Scholarship Program, contact the Scholarship Program directly at 714-564-6478 or at sac.edu/scholarships.

SCIENCE & HEALTH SCIENCES CENTER
Russell Hall R-207 (714) 564-8130
sac.edu/AcademicProgs/ScienceMathHealth/Biology/Pages/Biology-Study-Center.asp
Fall & Spring Mon – Thu 9:00am – 7:00pm
All Biology, Medical Assistants, and Nursing Students
• Quiet place to study
• PCs for homework
• Anatomy models for viewing and studying
• Anatomy bones for viewing and studying
• Microscopes and slides
• Facilitator assistance

SERVICE LEARNING
Library Building, Room L-222
714-564-6254
The Service Learning Center is responsible for developing, implementing, and administering comprehensive programs and activities related to community service volunteerism, community partnerships, and service learning. The program connects with many local nonprofit agencies, each of which offer numerous volunteer opportunities. Students then match their skills and interests to the needs of the community agencies and gain valuable personal experience. Many instructors utilize service learning as a course requirement in order to connect student classroom learning with real life experience.
STUDENT OUTREACH
714-564-6141
studentoutreach@sac.edu
sac.edu/outreach

Hours: Mon, Tues, Thurs, Fri 8:00am-5:00pm • Wed 8:00am-7:00pm
- Student Outreach attracts and recruits new students to Santa Ana College and supports current students as they continue at SAC:
  - Application information & support
  - Financial Aid & CA Promise Grant application information & support
  - Web Advisor, Online Orientation, & Canvas information & support
  - Scholarship application information & support
  - Class registration information & support
  - Tours
  - Student Ambassador assistance

To reach Outreach staff remotely, call, email or go to our website and click on “Live Chat with Student Outreach”.

STUDENT PLACEMENT
Johnson Student Center, JSC-201
714-564-6201

Hours: Mon.-Thur. 9:00a-3:00p
Email: jobplacement@sac.edu

The Student Placement Office assists currently enrolled students in obtaining on-campus student assistant/ work study employment.

TRiO – STUDENT SUPPORT SERVICES PROGRAM
Johnson Student Center, JSC-209
714-564-6843
sac.edu/sssp

Email: trio_sssp@sac.edu

The Student Support Services Program (TRiO-SSS) is a federally-funded program designed to improve the retention, transfer and graduation rate of low-income, first-generation and disabled college students. The TRiO-SSS program provides students with academic, personal and career counseling, tutoring, specialized workshops, field trips and assistance in transferring to a four-year university. Students need to apply to the program for services.

UNIVERSITY TRANSFER CENTER
Administration Building, Room S-110
714-564-6165

Hours: Mon.-Wed. 8:00a-7:00p • Thur. 8:00a -5:00p. • Fri 8:00a -12:00p

The University Transfer Center (UTC), which is located in S-110 at Santa Ana College, provides information and assistance to students who are preparing to transfer to a four-year university of their choice. UTC has designated counseling appointments and services for transfer bound students. During the fall and spring semesters, the University Transfer Center hosts College Fairs with representatives from California and out-of-state colleges and universities who provide admissions information to potential students. University representative appointments are also available for students as well as an up-to-date resource library and other information about transfer programs. The University Transfer Center also hosts transfer application workshops which are offered during priority filing periods. In addition, field trips to various university campuses are offered throughout the academic school year.

Contact information:
Phone: 714-564-6165
Email: transfer_center@sac.edu

Remote services through Zoom during office hours
sac.edu/StudentServices/Counseling/Transfer/Pages/default.aspx
VETERANS RESOURCE CENTER (VRC)
All services are provided online through Cranium Café or Zoom
sac.edu/StudentServices/VRC
714-564-6050
Hours: Mon. - Tue. - Thur. 8:00a - 6:00p • Wed. 8:00a-7:00p • Fri. 8:00a-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.

What can Veterans and eligible dependents do at the VRC?
- Receive information on how to use their VA Education benefits at Santa Ana College.
- Receive help in filling out VA Education Benefit Applications.
- Turn in paperwork for VA Education Benefits.
- Receive referrals and information regarding other campus resources such as Admissions & Records,
  Financial Aid, EOPS, Counseling, DSPS, Health & Wellness Services, Career/Job Center, Scholarships,
  Tutorial Services, Transfer Center, etc.
- Receive information about outside campus resources for Veterans and families.
- Receive help filling out Financial Aid Applications and check status online via zoom or Cranium Cafe.
- Meet with an Academic Counselor for academic counseling needs via Zoom, Cranium or phone
  appointments.
- Receive information and participate in the Veterans Upward Bound and Veteran Student Support
  Services college preparation program.
- Book Loans are available to those who are eligible for VA Benefits. Please speak with a VRC staff
  member for details.
- Enjoy camaraderie among veterans- through our online mentorship program
- Participate in VRC events
### COURSE CODES

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<tr>
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<td>STDY</td>
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<td>TELV</td>
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<td>WMNS</td>
<td>Women's Studies</td>
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</table>

### LOCATION CODES

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

- **ARMC**: Anaheim Regional Medical Center, 1111 W. La Palma Ave, Anaheim
- **CHOC**: Children’s Hospital of Orange County, 1109 W. La Veta, Orange
- **CJTC**: Orange County Sheriff’s Regional Training Academy, 15991 Armstrong Ave, Tustin
- **COL**: College Hospital, 301 Victoria Street, Costa Mesa
- **DMC**: Digital Media Center, 1300 S. Bristol, Santa Ana
- **FV**: Fountain Valley Regional Hospital, 17100 Euclid, Fountain Valley
- **HOAG**: Hoag Memorial Hospital, One Hoag Drive, Box 6100, Newport Beach
- **JPT-CN**: Joint Powers Training Center Central Net, 18301 Gothard, Huntington Beach
- **KAISER**: Kaiser-Anaheim, 3440 E. La Palma, Anaheim
- **MH**: Mission Hospital, 27700 Medical Center Rd, Mission Viejo
- **OCM**: Orange Coast Memorial Medical Center, 18111 Brookhurst St, Fountain Valley
- **OCG**: Orange County Global Medical Center, 1001 N. Tustin Ave. Santa Ana
- **SAC**: Santa Ana College, 1530 W. 17th Street, Santa Ana
- **SCC**: Santiago Canyon College, 8045 E. Chapman Avenue, Orange
- **SEG**: Segerstrom High School, 2301 W MacArthur Blvd, Santa Ana
- **SJH**: St. Joseph Hospital, 1100 Stewart Drive, Orange
- **SCG**: South Coast Global Medical Center, 2701 S Bristol St., Santa Ana
- **UCI**: UCI Medical Center, 101 City Drive South, Orange
- **VHS**: Valley High School, 1801 S. Greeville, Santa Ana
CLASS AND INSTRUCTION METHODS

Classes are currently being taught using a variety of methods. Below you will find the different ways classes are being offered to students college-wide. When selecting a class, please take note of the method of instruction through which that class will be offered. For any questions regarding your classes, please contact your instructor or counselor.

Important notes for both Online, Hybrid and Remote Live or Remote Blended classes:

- **Access to classes** will be available on Canvas, rsccd.instructure.com, the first day of classes.
- Students on wait lists must email the instructor the first week of class to be considered for enrollment.
- Verify that your email address is current on WebAdvisor.
- Please contact the Distance Education Office if you are unable to login to access your Canvas class(es) at 714-564-6725 or by email: sac_disted@sac.edu
- Information regarding online learning, Canvas help and Frequently Asked Questions can be found at our website: sac.edu/disted
- On campus required meeting, time, and place, and instructor contact information can be found on WebAdvisor sac.edu/webadvisor

**ONLINE (O)** classes are time-flexible distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Other technologies may be required to complete coursework.

**HYBRID (H)** classes that combine online learning with required live scheduled meetings. These meetings will be scheduled as Web or on-campus meetings. Location, dates, time and instructor contact information can be found on WebAdvisor sac.edu/webadvisor. Canvas and other technologies will be required to complete coursework.

**REMOTE LIVE (RL)** classes are distance education classes with scheduled virtual meeting days and times. Students will attend class virtually during the published course times. Canvas and other technologies will be required to complete coursework.

**REMOTE BLENDED (RB)** classes are distance education classes with both scheduled virtual meeting dates and times and scheduled on-campus meeting days and times. Canvas and other technologies will be required to complete coursework.

**FACE TO FACE (F2F)** classes are in person and on-campus with weekly scheduled meeting days and times. Students will complete the semester on campus unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled.

**HONORS CLASSES** – Look for the Honors class torch symbol in the schedule.

TEXTBOOK AFFORDABILITY

**OPEN EDUCATIONAL RESOURCES (OER)**

Open Educational Resources (OER) refers to textbooks or online materials that are in the public domain or have a Creative Commons license. Classes listed with an OER symbol use free course materials unless noted in the course schedule comments. A course using Lumen Learning OER will charge a material fee for the online resource.

**ZERO TEXTBOOK COST (ZTC)**

Zero Textbook Cost (ZTC) refers to courses that eliminate conventional textbook costs by using alternative instructional materials and methodologies, including freely usable Open Educational Resources. Classes listed with a (ZTC) symbol use free course materials.

The college strives to ensure that the OER and ZTC designations are accurate; however, under some circumstances, faculty may have to adjust selection of instructional materials and this can affect course material costs.

It may also be necessary to change instructors. Replacement faculty have academic freedom to choose instructional materials regardless of costs and are not obligated to use free course materials selected by an instructor previously assigned to the class.
HONORS COURSES – FALL 2021

ANTH 100H – HONORS INTRODUCTION TO CULTURAL ANTHROPOLOGY 3.0 UNITS
Seminar style, content enriched for honors students, to provide a critical and extensive exploration of the major areas of cultural anthropology. Includes contemporary issues such as globalization, gender, and ethnic conflict. Field trips may be required.

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

CMST 101H – HONORS INTRODUCTION TO INTERPERSONAL COMMUNICATION 3.0 UNITS
Introduction to communication theory, rhetoric, listening, perception, language usage, non-verbal communication and conflict management. An enriched approach designed for honors students. Seminar mode stresses the development of analytical thinking, writing, and speaking skills.

ENGL 101H – HONORS FRESHMAN COMPOSITION 4.0 UNITS
An enriched exposure to expository and argumentative essays and the research paper, requiring in-depth analysis of issues and substantive treatment of student-selected topics. Prerequisite: A college GPA or high school GPA for first-term college students of 3.0 or higher AND completion with a grade of "C" or better in EMLS 112, or ENGL 061X, or ENGL 061, or qualifying profile from English placement process.

ENGL 102H – HONORS LITERATURE AND COMPOSITION 4.0 UNITS
An enriched approach designed for honors students. A second semester course in composition and literature that uses literature to develop critical thinking skills with extensive readings selected from the four major genres. Prerequisite: A high school GPA of at least 3.0 if a first-term college student or college cumulative GPA of 3.0 or higher and completion with a grade of "C" or better in ENGL 101, or ENGL 101H

ENGL 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: Cumulative GPA of 3.0 or higher in college work (or high school for first-term students) and completion with a "C" or better of ENGL 101, or ENGL 101H

HONORS TRANSFER PROGRAM

The Honors Transfer Program at Santa Ana College offers honors sections of transferable general education courses. These seminar type classes are further characterized by close interaction with Honors Program faculty, small size, and special projects and activities. The major benefits for members of the program include:

• Scholarship opportunities
• Priority consideration for admission to many 4-year institutions, including UCI, UCLA and CSUF’s Honors Programs
• Smaller classes with more one-on-one interaction with your professors and peers
• Enriched coursework
• Closer interaction with dedicated professors
• Recognition on your transcript and at graduation
• Social and cultural activities, leadership opportunities

The Honors Transfer Program at Santa Ana College welcomes students who want to challenge themselves to make the most of their academic opportunities here at Santa Ana College. We offer seminar style courses with close interaction among students and faculty, opportunities to do specialized individual honors contract projects, and specialized transfer agreements with many universities and colleges. In 2018, over 90% of the Honors Transfer Program students who applied through the UCLA TAP honors transfer agreement were accepted. UCI accepted 17 Honors Transfer Program students straight into UCI through Honors to Honors.
HIST 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.

HIST 120H – HONORS THE UNITED STATES TO 1877  
3.0 UNITS
Seminar-style, content-enriched course for Honors students that examines major political, economic, intellectual, and social forces at home and abroad shaping American life from the colonial period through Reconstruction.

HIST 124H – HONORS MEXICAN AMERICAN HISTORY IN THE UNITED STATES  
3.0 UNITS
Enriched and intensive survey of Mexican American history in the U.S. from the Pre-Columbian period to the present. Utilizing a seminar approach, emphasis on Mexican American contributions to the political, social, economic, and cultural development of the U.S. Will also examine the relationship of Mexican Americans to other cultural groups.

MUS 102H – HONORS WORLD MUSIC  
3.0 UNITS
An enriched, in-depth study of music from Asia, Africa, the Middle East, Europe, and the Americas. Seminar-style critical investigation of the interconnections of style, culture, and aesthetics to promote enjoyment and understanding of world music.

PHIL 106H – HONORS INTRODUCTION TO PHILOSOPHY  
3.0 UNITS
An enriched approach designed for honors students. A survey of historical and contemporary ideas on how to live the good life.

PSYC 100H – HONORS INTRODUCTION TO PSYCHOLOGY  
3.0 UNITS
Seminar-style, content enriched course for honors students exploring 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.

SPAN 101H – HONORS ELEMENTARY SPANISH I  
5.0 UNITS
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.

SPAN 102H – HONORS ELEMENTARY SPANISH II  
5.0 UNITS
Further enhanced and intensive training in language skills for the expression of ideas orally and in writing. Additional enriched study of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 102H is equivalent to the third year of high school Spanish. Prerequisite: Spanish 101 or Spanish 101H with a minimum grade of C or two years of high school Spanish with a passing grade, and a high school or college GPA of 3.0 or above. All Cal State and UC universities have the same prerequisites for Spanish 102H.

SPAN 201H – HONORS INTERMEDIATE SPANISH I  
5.0 UNITS
An enriched exposure of Hispanic history, culture, and literature in a seminar setting. In-depth analysis of grammatical structures. Further use of argumentative oral strategies. Enhanced development of conversation and composition. Independent research by students to use/evaluate library and electronic information sources. Prerequisite: Spanish 102/102H with a minimum grade of C and a high school or college GPA of 3.0 or above. All four year public universities, Cal State and University of California Spanish Programs require the same prerequisites for Intermediate Spanish level course.
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

1st GR8 Weeks
Classes start August 23, 2021

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### 1st GR8 Weeks

Classes start August 23, 2021

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**Legend:**
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# 1st GR8 Weeks

Classes start August 23, 2021

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## SANTA ANA COLLEGE – FALL 2021

### 2nd GR8 Weeks

Classes start October 18, 2021

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### Online (O) - Time-flexible online lecture and materials with no scheduled meeting times

### Hybrid (H) - Combination of online and live scheduled web or on-campus meetings

### Remote Live (RL) - Live scheduled web meetings during published course times

### Remote Blended (RB) - Live scheduled web & on-campus meetings during published dates and times

### Face to Face (F2F) - Meetings are on-campus during published course times
2nd GR8 Weeks
Classes start October 18, 2021

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**Notes:**
- **ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times
- **HYBRID (H)** Combination of online and live scheduled web or on-campus meetings
- **REMOTE LIVE (RL)** Live scheduled web meetings during published course times
- **REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times
- **FACE TO FACE (F2F)** Meetings are on-campus during published course times

Classes start October 18, 2021
Classes start October 18, 2021

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**Time Notations:**
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HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
ACCT 010 – ACCOUNTING PROCEDURES 3.0 UNITS
This course introduces the students to the accounting cycle including journal entries, general ledger, the adjustment process, and the related financial statements. The course is designed to prepare students for Accounting 101 and/or occupations in bookkeeping.

00314 6:00p-9:10p M Jarjoura R A-108 Full Semester
This class meets on-campus.

ACCT 032 – PAYROLL ACCOUNTING 2.0 UNITS
This course covers accounting for payroll and worker's compensation. Calculation of payroll, payroll taxes, and the related forms and deposit requirements are covered.

00315 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com There is no additional textbook cost for this ZTC class.

ACCT 035 – QUICKBOOKS I 2.0 UNITS
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.

00317 6:00p-10:15p Tu Jarjoura R A-108 08/24-10/12
This class meets on-campus. Students may not use a MAC computer in this course. The course is designed for PC only. The Desktop version of the software must be used and is provided in the text.

ACCT 036 – QUICKBOOKS II 2.0 UNITS
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 assist in preparing students for the QuickBooks Certified User exam.

00326 6:00p-10:15p Tu Jarjoura R A-108 10/19-12/07
This class meets on-campus. Students may not use a MAC computer in this course. The course is designed for PC only. The Desktop version of the software must be used and is provided in the text.

ACCT 101 – FINANCIAL ACCOUNTING 4.0 UNITS
The study of accounting as an information system, examining why it is important, and how it is used by investors and creditors to make decisions. Coverage includes the accounting information system and the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the classified financial statements, and statement analysis. It also includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls and ethics.

00358 8:00a-10:05a Tu Th Sung L A-211 Full Semester
This class meets on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00359 9:00a-1:15p Sa Erlandson S A-211 Full Semester
This class meets on-campus.
Prerequisite: Accounting 101 with a minimum grade of C.

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 planning, standard costs, relevant costs, and capital budgeting.

Cost systems, the analysis and use of cost information, cost-volume-profit analysis, contribution margin, profit purposes. The course includes broad coverage of concepts, classifications, and behaviors of costs. Topics include planning, standard costs, relevant costs, and capital budgeting.

ACCT 102 – MANAGERIAL ACCOUNTING 4.0 UNITS

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

Prerequisite: Accounting 101 with a minimum grade of C.
### SANTA ANA COLLEGE – FALL 2021 Page 48

**ACCT 104 – FEDERAL AND CALIFORNIA TAXES**
4.0 UNITS
Learn how to prepare federal and California state income tax returns for the individual. Learn tax theory and rules behind the Form 1040 and the most common IRS Schedules, such as Schedules A, B, C, D, E, and common income adjustments and tax credits. This course is CTEC qualified. This course may be repeatable as continuing education for professional certification.

**ACCT 106 – COOPERATIVE WORK EXPERIENCE EDUCATION - 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

**ACCT 113 – INTERMEDIATE INCOME TAXES - CORPORATIONS**
2.0 UNITS
This course covers income tax theory, concepts and regulations relating to corporations. The course includes the federal and California tax systems and income taxation relating to Corporations as well as basic tax research and ethical implications. This course includes coverage of both C Corporations and S Corporations.

**ACCT 114 – INTERMEDIATE INCOME TAXES - PARTNERSHIP AND LLCs**
2.0 UNITS
This course covers income tax theory, concepts, and regulations relating to partnerships. The course includes the federal and California tax systems and income taxation relating to partnerships and other forms of business such as LLCs as well as basic tax research and ethical implications.

**ACCT 124 – COMPUTERIZED INCOME TAX PREPARATION**
2.0 UNITS
This course provides a student with practical knowledge of Federal income tax preparation and the income tax formula using commercial tax software.

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**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- **OER**
- **ZTC**
- **HONORS**
ACCT 101 – AUDITING 3.0 UNITS
This course examines the use of financial statement audits and details the audit process. Topics include professional responsibilities of auditors, audit design, sampling approaches, substantive testing, testing controls, and audit report formulation and communication.
Prerequisite: Accounting 102 with a minimum grade of C.

ACCT 102 – ACCOUNTING INFORMATION SYSTEMS 3.0 UNITS
Introductory course to accounting information systems that applies accounting principles using database and spreadsheet software. Designed to develop employable accounting analysis skills; evaluate and compare commercial software; analyze financial statements and understand role of internal controls.
Prerequisite: Accounting 101 with a minimum grade of C.

ACCT 125 – VOLUNTEER INCOME TAX ASSIST. (VITA) I 2.0 UNITS
This course will cover Federal and California individual income tax theories and laws to prepare students to successfully pass the IRS-provided online Basic, Advanced, and additional tax exams and be eligible to volunteer in the IRS-sponsored Volunteer Income Tax Assistance (VITA) program. The successful completion of the course and passing the exams will prepare students to work as an intern or volunteer at a VITA site to prepare tax returns and have face-to-face interaction with taxpayers.
Recommended Preparation: Accounting 104 with a minimum grade of C.

ACCT 210 – ACCOUNTING INFORMATION SYSTEMS 3.0 UNITS
Introductory course to accounting information systems that applies accounting principles using database and spreadsheet software. Designed to develop employable accounting analysis skills; evaluate and compare commercial software; analyze financial statements and understand role of internal controls.
Prerequisite: Accounting 101 with a minimum grade of C.

ACCT 211 – AUDITING 3.0 UNITS
This course examines the use of financial statement audits and details the audit process. Topics include professional responsibilities of auditors, audit design, sampling approaches, substantive testing, testing controls, and audit report formulation and communication.
Prerequisite: Accounting 102 with a minimum grade of C.

AMERICAN SIGN LANGUAGE (ASL)

ASL 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 language skills, development of basic conversational skills, modeling of grammatical structures, and general information about American Deaf culture. Sign Language 110 is equivalent to two years of high school ASL. Students are required to attend at least one off-campus event.

ACCT 375 6:00p-10:15p W Wong S A-108 10/20-12/08
This class meets on-campus. There is no additional textbook cost for this ZTC class.

ACCT 378 Strong J ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

ACCT 380 Strong J ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
ANTH 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.

Prerequisite: American Sign Language 111 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Days</th>
<th>Instructor</th>
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ASL 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 aspects of ASL, as well as appreciation of American Deaf culture, and history. Students are required to attend at least one off campus event.

Prerequisite: American Sign Language 110 with a minimum grade of C.

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<tr>
<th>Course Code</th>
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ASL 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.

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<th>Course Code</th>
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ASL 210 – AMERICAN SIGN LANGUAGE III 4.0 UNITS

The third course in the study of American Sign Language (ASL) emphasizes advanced ASL syntax, non-manual markers, vocabulary, and fingerspelling enabling students to participate in more complex conversations with Deaf community members. Students will have emphasis on expressive skills in narrative form. Students are required to attend at least one off campus event.

Prerequisite: American Sign Language 111 with a minimum grade of C.

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<th>Course Code</th>
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ANTHROPOLOGY (ANTH) 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.

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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

Low cost or free textbooks:
- OER
- ZTC
- HONORS

| ONLINE (O) | Time-flexible online lecture and materials with no scheduled meeting times.
| HYBRID (H) | Combination of online and live scheduled web or on-campus meetings.
| REMOTE LIVE (RL) | Live scheduled web meetings during published course times.
| REMOTE BLENDED (RB) | Live scheduled web & on-campus meetings during published dates and times.
| FACE TO FACE (F2F) | Meetings are on-campus during published course times. |
This class will be conducted through remote live (RL) instruction. Students are expected to log onto Canvas for online live streaming sessions during the same time and days indicated in the class schedule. Students are required to logon to Canvas on the first day of class. rsccd.instructure.com
ANTH 101L – PHYSICAL ANTHROPOLOGY LABORATORY 1.0 UNIT

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

Prerequisite: Anthropology 101 with a minimum grade of C or concurrent enrollment.

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<th>Code</th>
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<th>Instructor</th>
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<td>Canvas for online live streaming sessions during the same time and days indicated in the class schedule. Students are required to logon to Canvas on the first day of class. rsccd.instructure.com</td>
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ANTH 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.

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<th>Code</th>
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<th>Instructor</th>
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<td>Canvas for online live streaming sessions during the same time and days indicated in the class schedule. Students are required to logon to Canvas on the first day of class. rsccd.instructure.com</td>
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</table>

ANTH 104 – LANGUAGE AND CULTURE 3.0 UNITS

General introduction to the processes 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.

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<th>Code</th>
<th>Time</th>
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<th>Instructor</th>
<th>Type</th>
<th>Notes</th>
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<td>Canvas for online live streaming sessions during the same time and days indicated in the class schedule. Students are required to logon to Canvas on the first day of class. rsccd.instructure.com</td>
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ART (ART)

ART 009 – ART LAB 0.5 UNIT

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

Open Entry / Open Exit

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>O 00612</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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</tbody>
</table>

**FREE TEXTBOOKS:**

- OER
- ZTC
- HONORS

**COURSE TYPES:**

- ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
- HYBRID (H) Combination of online and live scheduled web or on-campus meetings
- REMOTE LIVE (RL) Live scheduled web meetings during published course times
- REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
- FACE TO FACE (F2F) Meetings are on-campus during published course times
### 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Lecture Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Description</th>
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</table>
| 00614| 8:25a-9:50a       | M W  | Spies B    | C-104 | Full Semester

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<th>CRN</th>
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<th>Instructor</th>
<th>Room</th>
<th>Description</th>
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</table>
| 00616| 8:40a-10:05a      | Tu Th| Foster E   | C-104 | Full Semester

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.  

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<tr>
<th>CRN</th>
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<th>Instructor</th>
<th>Room</th>
<th>Description</th>
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</thead>
</table>
| 00633| 1:25p-2:50p       | Tu Th| Soriano I  | RL    | Full Semester

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<th>CRN</th>
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</table>
| 00632| 1:40p-3:05p       | M W  | Stone L    | C-104 | Full Semester

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<th>CRN</th>
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| 00637| 3:20p-4:45p       | M W  | Stone L    | C-213 | Full Semester

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<th>CRN</th>
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</table>
| 00627| 4:35p-6:00p       | M W  | Soriano I  | RL    | Full Semester

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rscccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<tr>
<th>CRN</th>
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<th>Instructor</th>
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<th>Description</th>
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</table>
| 00630| 6:10p-9:20p       | Tu   | Soriano I  | RL    | Full Semester

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rscccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Description</th>
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</thead>
</table>
| 00615| 8:40a-10:05a      | M W  | Foster E   | C-104 | Full Semester

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<td>00629</td>
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</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Lecture Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Description</th>
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</thead>
</table>
| 00634| 9:25p-10:50p      | M W  | Nielsen C  | ONLINE| Full Semester

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Lecture Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>00636</td>
<td>10:55a-12:20a</td>
<td>M W</td>
<td>Lourenco E</td>
<td>ONLINE</td>
<td>10/18-12/12</td>
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</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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**O (O) Time-flexible online lecture and materials with no scheduled meeting times**

**H (H) Combination of online and live scheduled web or on-campus meetings**

**L (L) Live scheduled web meetings during published course times**

**B (B) Live scheduled web & on-campus meetings during published dates and times**

**F (F) Meetings are on-campus during published course times**

**Low cost or free textbooks:**

- OER
- ZTC
- HONORS
ART 101 – SURVEY OF WESTERN ART HISTORY I: PREHISTORY THROUGH THE MIDDLE AGES 3.0 UNITS
The study of art from Prehistory through Middle Ages. Cultures and Civilizations are studied through visual imagery, lecture, class discussion, reading, research, and field trips. Recommended sequence of courses: Art 100, Art 101, Art 102.

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

00650 10:20a-11:45a Tu Th Spies B C-213 Full Semester
00646 10:20a-11:45a Tu Th Wilson E ONLINE 08/23-10/15
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

ART 102 – SURVEY OF WESTERN ART HISTORY II: RENAISSANCE TO TODAY CENTURY 3.0 UNITS
The study of Western art history from the Renaissance to today. 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.

00651 1:40p-3:05p Tu Th Spies B C-213 Full Semester
00652 1:40p-3:05p Tu Th Wilson E ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

ART 103 – ARTS OF AFRICA, OCEANIA, AND INDIGENOUS NORTH AMERICA 3.0 UNITS
History and appreciation of the arts of Africa, Oceania, and indigenous North America. Examines the visual arts of these vast and varied cultures within socio-political, aesthetic, religious contexts and their impact on Western art in Europe and the Americas.

00657 10:20a-11:45a Tu Th Wilson E ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

ART 104 – MEXICAN AND CHICANO ART HISTORY 3.0 UNITS
The history and appreciation of Mexican and Chicano art from the pre-Columbian to the present including the modern murals of Mexico and the United States.

00653 11:50a-1:15p Tu Th Soriano I RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

00654 6:35p-9:45p M Soriano I RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Instructor(s)</th>
<th>Schedule</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 105</td>
<td>HISTORY OF MODERN ART</td>
<td>3.0</td>
<td>History of painting, sculpture, architecture, prints, and applied arts from the late nineteenth century through the twentieth century. Covers the formal philosophic, spiritual, and historical background of art from Post Impressionism to Post Modernism. For general students and art majors.</td>
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<td>x00655</td>
<td>Synicky C ONLINE 08/23-10/15</td>
<td></td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>ART 108</td>
<td>CONTEMPORARY ART HISTORY: ART SINCE MID-TWENTIETH CENTURY</td>
<td>3.0</td>
<td>A survey course exploring post World War II styles, trends, ideas, and innovations in architecture and the visual arts in Europe and North America with references to globalization.</td>
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<tr>
<td>00656</td>
<td>Synicky C ONLINE 10/18-12/12</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>ART 110</td>
<td>TWO-DIMENSIONAL DESIGN</td>
<td>3.0</td>
<td>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.</td>
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<tr>
<td>00658</td>
<td>9:30a-10:20a Tu Th Hostetter D C-208 Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>00662</td>
<td>10:30a-12:35p Tu Th Hostetter D ONLINE Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>ART 111</td>
<td>THREE-DIMENSIONAL DESIGN</td>
<td>3.0</td>
<td>An introduction to the fundamental concepts and technical processes of three-dimensional design. Coursework will focus on the formal development and articulation of three dimensional objects with an emphasis on form, mass, scale, texture, space, color, contrast and movement.</td>
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<tr>
<td>00678</td>
<td>9:00a-9:50a M W Dufala C C-106 Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>00677</td>
<td>10:00a-12:05p M W Lourenco E ONLINE Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>ART 130</td>
<td>INTRODUCTION TO DRAWING</td>
<td>3.0</td>
<td>Introductory course in observational drawing, exploring line, form, proportion, composition, and a variety of media. Drawing from man-made and natural objects. Required for art majors.</td>
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<tr>
<td>00696</td>
<td>10:15a-11:05a Tu Th Foster E C-210 Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<td>00685</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<td>00693</td>
<td>1:30p-2:20p M W Hostetter D C-208 Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>00679</td>
<td>2:30p-4:35p Tu Th Dufala C C-210 Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>ART 131</td>
<td>BEGINNING LIFE DRAWING</td>
<td>3.0</td>
<td>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.</td>
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<td>00708</td>
<td>10:00a-10:50a M W Hower T C-210 Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>00716</td>
<td>11:00a-1:20p M W Hower T C-210 Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>00716</td>
<td>6:30p-7:20p Tu Th Lierly M C-210 Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>00716</td>
<td>7:30p-9:35p Tu Th Lierly M C-210 Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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</table>
ART 133 – INTRODUCTION TO GALLERY PRODUCTION 2.0 UNITS
Introduction to the practices of art exhibit preparation and installation. Students will gain knowledge in the history and theory of art exhibition, as well as the current state of gallery management and museum work. Emphasis is on learning and utilizing industry-standard terminology, materials and tools. Students will move from observation to practical experience as they support the daily operations and special events of two college galleries.
Orientation meeting Wednesday, 08/25/2021, 3:00p-4:00p, SAC C-101. 7 hours arranged per week.
Call Art Gallery Office @ 714-564-5615 for information.

ART 134 – INTERMEDIATE GALLERY PRODUCTION 2.0 UNITS
An intermediate course designed to build on knowledge and skills gained in Art 133. Students have opportunities to increase experience with new exhibitions and installations. Emphasis is on solving art gallery problems using current industry-standard communication and practices. Visits to local galleries and behind-the-scenes museum tours of collections and exhibition preparation areas. Students will also use woodshop equipment to build pedestals as well as draft an exhibition proposal and artwork layout.
Prerequisite: Art 133 with minimum grade of P.

ART 135 – ADVANCED GALLERY PRODUCTION 2.0 UNITS
Students produce a unique exhibition on campus using knowledge and skills gained in Art 133 and 134. Emphasis will be on independently curating, designing, lighting, writing didactic material, and publicizing their exhibition.
Prerequisite: Art 134 with minimum grade of P.

ART 140A – WATERCOLOR PAINTING 2.0 UNITS
Introduction to watercolor painting as a creative art form with emphasis on transparent watercolor techniques. Course includes principles of composition and color theory, materials selection, tools, terminology, and various watercolor techniques. Students develop basic watercolor skills while painting from simple forms and progressing to a variety of subjects.
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

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 a variety of subjects. Required for art majors.
Recommended Preparation: Art 110 or Art 130 with a minimum grade of C.

ART 140A – WATERCOLOR PAINTING
Orientation meeting Wednesday, 08/25/2021, 3:00p-4:00p, SAC C-101. 7 hours arranged per week.
Call Art Gallery Office @ 714-564-5615 for information.

ART 140B – WATERCOLOR PAINTING
Orientation meeting Wednesday, 08/25/2021, 3:00p-4:00p, SAC C-101. 7 hours arranged per week.
Call Art Gallery Office @ 714-564-5615 for information.

ART 141 – BEGINNING PAINTING
Orientation meeting Wednesday, 08/25/2021, 3:00p-4:00p, SAC C-101. 7 hours arranged per week.
Call Art Gallery Office @ 714-564-5615 for information.
ART 143 – LANDSCAPE WATERCOLOR
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.

00736  Orr E  ONLINE  Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ART 151 – CERAMICS-INTRODUCTORY LEVEL
Exploration of clay as a structural and creative material. Experiences include throwing on the potter’s wheel and hand building. Instruction includes surface design, glazing, and experience in utilitarian forms. Students provide clay and tools.

Material Fee(s): $8.00

00799  1:30p-2:20p  M W  Dufala C  C-105  Full Semester
2:30p-4:35p  M W  Dufala C  C-105

01608  Orr E  ONLINE  Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ART 152 – CERAMICS-INTERMEDIATE THROWING
Further study of wheel thrown techniques with an emphasis on functional, utilitarian forms. Students provide own clay and tools.
Prerequisite: Art 151 with a minimum grade of C.

00801  6:30p-7:20p  Tu Th  Dufala C  C-105  Full Semester
7:30p-9:35p  Tu Th  Dufala C  C-105

00803  6:30p-7:20p  Tu Th  Dufala C  C-105  Full Semester
7:30p-9:35p  Tu Th  Dufala C  C-105

00805  6:30p-7:20p  Tu Th  Dufala C  C-105  Full Semester
7:30p-9:35p  Tu Th  Dufala C  C-105

ART 153 – CERAMICS-INTERMEDIATE HANDBUILDING
Further study of handbuilding techniques with emphasis on one-of-a-kind sculptural forms. Non-traditional alternatives to glazes are explored. Students provide own clay and tools.
Prerequisite: Art 151 with a minimum grade of C.

Material Fee(s): $8.00

ART 159A – CERAMIC COLOR DECORATION: LOW TEMPERATURE
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
Exploration of surface color decoration on ceramic vessels within the realm of high stoneware temperatures. Emphasizes glazing techniques such as marbling, feathering, mishima, brush decoration, stencils, stamp printing, spraying, slip painting, glaze trailing, wax resist, and terra sigillata.
Prerequisite: Art 151 with a minimum grade of C.

Material Fee(s): $8.00
ART 162 – DIGITAL ILLUSTRATION I 3.0 UNITS
Explores the essentials of illustration for graphic designers and concept artists, using industry-standard production and design tools. Focuses on professional studio techniques to master this essential design tool for the creation of sophisticated graphics. Emphasizes efficient workflow, technical proficiency, and aesthetic judgment. Students produce portfolio-ready projects using a broad range of imaging skills. The primary software used includes Adobe Photoshop, supplemented with Adobe Illustrator, and some time-based media software.
Recommended Preparation: Digital Media 195, or or portfolio exhibiting equivalent skills to 3 units of entry-level digital design coursework Art 195.

Material Fee(s): $15.00

00836 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ART 182 – INTRODUCTION TO JEWELRY 3.0 UNITS
Basic instruction in jewelry fabrication including silver soldering, direct casting and forging, patinas, cold connection, and piercing.

Material Fee(s): $25.00

00826 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ART 192A – DIGITAL ILLUSTRATION II: ADVANCED TOPICS 3.0 UNITS
Examines advanced design and illustration techniques using industry-standard software via Adobe Creative Cloud. Addresses contemporary illustrative problems, concepts, and skills development within the digital media and graphic arts industries for the creation of unique illustrations. The technical needs for graphic illustrations for print, animation, film, and the web will also be addressed. Primary Software: Adobe Illustrator, supplemented with Adobe Photoshop.
Recommended Preparation: Digital Media 162, or or equivalent, as demonstrated in illustration portfolio Art 162.

Material Fee(s): $15.00

00837 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ART 195 – INTRODUCTION TO DIGITAL MEDIA ARTS 3.0 UNITS
Foundation-level course designed for graphic designers, artists, photographers, web designers, programmers, and animation artists working in the digital realm. This course includes an overview of industry-standard software, including Adobe Creative Cloud for digital design in montage, vector, layout and time-based media.

Material Fee(s): $15.00

00367 2:15p-3:40p Tu Th Staff OCSA Full Semester
3:50p-4:40p Tu Th Staff OCSA

00828 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ART 230 – INTERMEDIATE DRAWING 3.0 UNITS
An intermediate course in the study of drawing designed to give students who have completed an introductory drawing course additional opportunity in graphic expression. Further exploration of materials including a wide variety of both drawing and mixed media. Students continue the development of composition and more intermediate concepts. The class emphasizes individual expression.
Prerequisite: Art 130 with a minimum grade of C.

00700 10:15a-11:05a Tu Th Foster E C-210 Full Semester
11:15a-12:05a Tu Th Foster E C-210

00686 1:30p-2:20p M W Hostetter D C-208 Full Semester
2:30p-3:20p M W Hostetter D C-208

00694 1:30p-2:20p Tu Th Dufala C C-210 Full Semester
2:30p-3:45p Tu Th Dufala C C-210

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
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.

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<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Term</th>
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<tbody>
<tr>
<td>00709</td>
<td>10:00a-10:50a</td>
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<td>C-210</td>
<td>Full Semester</td>
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<td>00717</td>
<td>6:30p-7:20p</td>
<td>Tu Th</td>
<td>Lierly M</td>
<td>C-210</td>
<td>Full Semester</td>
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ART 232 – ADVANCED LIFE DRAWING
3.0 UNITS
Intensive study of the human figure with further advanced level 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.

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<tr>
<th>CRN</th>
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<th>Instructor</th>
<th>Room</th>
<th>Term</th>
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<tr>
<td>00711</td>
<td>10:00a-10:50a</td>
<td>M W</td>
<td>Hower T</td>
<td>C-210</td>
<td>Full Semester</td>
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<tr>
<td>00718</td>
<td>6:30p-7:20p</td>
<td>Tu Th</td>
<td>Lierly M</td>
<td>C-210</td>
<td>Full Semester</td>
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</table>

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.
Prerequisite: Art 230 with a minimum grade of C or portfolio review.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Term</th>
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<tbody>
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<td>Foster E</td>
<td>C-210</td>
<td>Full Semester</td>
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<tr>
<td>00687</td>
<td>1:30p-2:20p</td>
<td>M W</td>
<td>Hostetter D</td>
<td>C-208</td>
<td>Full Semester</td>
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<tr>
<td>00695</td>
<td>1:30p-2:20p</td>
<td>Tu Th</td>
<td>Dufala C</td>
<td>C-210</td>
<td>Full Semester</td>
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ART 240 – INTERMEDIATE WATERCOLOR
2.0 UNITS
An intermediate level course providing for continuing development of watercolor painting skills. Further refinement of media, technique and expression of style through more advanced painting projects. Subject matter content includes still life, landscape, figurative studies, abstraction, and individual creative expression. Traditional and non-traditional approaches.
Prerequisite: Art 140B with a minimum grade of C.

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<tr>
<th>CRN</th>
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<th>Instructor</th>
<th>Room</th>
<th>Term</th>
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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.

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<th>CRN</th>
<th>Time</th>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>01603</td>
<td>10:15a-11:05a</td>
<td>M W</td>
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</table>

Low cost or free textbooks:
- OER
- ZTC
- HONORS

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
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.

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<thead>
<tr>
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<td>01604</td>
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<td>M W</td>
<td>Jones A</td>
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</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
rsccd.instructure.com

ART 252 – CERAMICS-ADVANCED STUDY PROCESS IN CERAMICS WITH NON-TRADITIONAL MEDIA 3.0 UNITS
An advanced study in the ceramic process as it relates to a non-clay media approach. A sculptural form study with non-traditional materials as surface enhancements.
Prerequisite: Art 152 or Art 153 with a minimum grade of C.

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<td>Dufala C</td>
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</table>

Material Fee(s): $8.00

ART 253 – ELECTRIC KILN CERAMICS 3.0 UNITS
Provides student potters working studio production knowledge of the uses of an oxidizing electric kiln. Emphasizes types of electric kilns, spectrum of glaze formulas, and safety procedures of firing.
Prerequisite: Art 151 with a minimum grade of C.

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<td>Dufala C</td>
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</table>

Material Fee(s): $8.00

ASTRONOMY (ASTR) 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.

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<th>Instructor</th>
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</table>

Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

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<tr>
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
rsccd.instructure.com.

Online (O) Time-flexible online lecture and materials with no scheduled meeting times
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Remote Live (RL) Live scheduled web meetings during published course times
Remote Blended (RB) Live scheduled web & on-campus meetings during published dates and times
Face to Face (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
ASTR 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’s structures and changes.

00607 1:40p-3:05p M W Horenstein D RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

03367 1:40p-3:05p M W Staff R-124 Full Semester
This class will meet on campus.

98912 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.

98913 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.

ASTR 140 – ASTRONOMY LABORATORY 1.0 UNIT
Utilizes experimental techniques to explore and comprehend properties and motions of celestial objects. Basic naked-eye, binocular, and small telescope observing techniques will be introduced. Field trips to local planetaria and dark sky locations may be included.
Prerequisite: Astronomy 109 or 110 or 110H with a minimum grade of C or concurrent enrollment.

98916 8:35a-11:45a F Horenstein D RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. There is no additional textbook cost for this ZTC class.

98914 11:55a-3:05p F Lerman A RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

98915 7:00p-10:10p Tu Lerman A RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

AUTOMOTIVE TECHNOLOGY (AUTO)

AUTO 101A – AUTOMOTIVE MECHANICAL OPERATION 3.0 UNITS
This course will focus on function, operation, and design of the mechanical aspects of modern automobiles. Engine repair, manual and automatic transmissions, brakes, and suspension operation and design will be covered. The course is designed for students seeking general knowledge of automotive mechanical systems and employment in a nontechnical field.

01129 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.

AUTO 102 – INTRODUCTION TO AUTOMOTIVE 3.0 UNITS
Introduction to the primary automotive systems used on modern vehicles. Theory, parts nomenclature, and description of system operation are emphasized. This course is intended for students seeking technical knowledge, with hands-on lab work, and future employment as an automotive service technician.

01204 8:00a-10:30a W Bittner M J-102 Full Semester
10:40a-12:05p W Bittner M J-103

01205 1:00p-3:30p W Gassaway M LINCOLN Full Semester
3:40p-5:05p W Gassaway M LINCOLN

01062 4:00p-6:30p M Nguyen H LINCOLN Full Semester
6:40p-8:05p M Nguyen H LINCOLN

01198 6:00p-9:10p Tu Roper D HYBRID 08/23-10/17
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.
AUTO 111 – ENGINE REPAIR 5.0 UNITS
This course deals with tear-down, assembly, diagnosis, and repair of gasoline automotive engines. Accurate engine measurement is highlighted. Hands-on practice of engine repair skills is emphasized. Students must furnish approved safety glasses. This course assists the student in preparation for the A1 (Engine Repair) ASE certification exam. Field trips may be required.
Recommended Preparation: Automotive Technology 102 is recommended.

01060 1:00p-3:05p M W Bittner M J-102 Full Semester
3:15p-5:20p M W Bittner M J-103

AUTO 112 – AUTOMATIC TRANSMISSIONS AND TRANSAXLES 4.5 UNITS
This course will cover the theory, operation, diagnosis, and service procedures of automatic transmissions and transaxles. Hydraulic systems are highlighted, along with exploration of electronic controls and continuously variable transmissions (CVT). Hands-on testing and service procedures are emphasized. Students must furnish approved safety glasses. This course assists the student in preparation for the A2 (Automatic Transmission/Transaxles) ASE certification exam. Field trips may be required.
Recommended Preparation: Automotive Technology 102 is recommended.

01135 8:00a-9:25a Tu Th Sosebee M J-102 Full Semester
9:35a-12:05p Tu Th Sosebee M J-103

AUTO 113 – MANUAL DRIVE TRAIN AND AXLES 4.5 UNITS
This course will cover the theory, operation, diagnosis, and service of manual transmissions, transaxles, clutches, driveshafts, and differentials. This course also covers four-wheel drive and all-wheel drive systems. Safe and correct hands-on procedures are emphasized. Students must furnish approved safety glasses. This course assists the student in preparation for the A3 (Manual Drive Train) ASE certification exam. Field trips may be required.
Recommended Preparation: Automotive Technology 102 is recommended.

01203 6:00p-7:25p Tu Th Duque J J-101 Full Semester
7:35p-10:05p Tu Th Duque J J-103

AUTO 114 – SUSPENSION AND STEERING 4.5 UNITS
This course will cover the theory, operation, diagnosis, and service of the steering and suspension systems used on modern vehicles. Wheel alignment, tires, tire pressure monitoring systems, and electronic suspension/steering components are included. Hands-on practice is emphasized. Students must furnish approved safety glasses. This course assists students in preparation for the A4 (Steering and Suspension) ASE certification exam. Field trips may be required.
Recommended Preparation: Automotive Technology 102 is recommended.

01059  Bittner M HYBRID Full Semester
7:00a-12:00p M  Bittner M J-102
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

AUTO 115 – BRAKES 4.5 UNITS
This course will cover the 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 A5 (Brakes) ASE certification exam. Field trips may be required.
Recommended Preparation: Automotive Technology 102 is recommended.

01112 6:00p-7:25p M W Roper D J-102 Full Semester
7:35p-10:05p M W Roper D J-103

AUTO 116 – ELECTRICAL 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. The course will also include Ohm’s law, circuit testing, electromagnetism, batteries, starters, and alternators. Students must furnish approved safety glasses. This course assists students in preparation for the A6 (Electrical/Electronics) ASE certification exam. Field trips may be required.
Recommended Preparation: Automotive Technology 102 is recommended.

01191  Roper D HYBRID Full Semester
1:00p-5:15p Tu Roper D J-102
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

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REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
AUTO 118 – ENGINE PERFORMANCE 5.0 UNITS
This course will cover engine performance procedures including fuel, ignition, oscilloscope, emission control, and computer systems found on modern automobiles. Hands-on testing and diagnosis are emphasized. This course assists the student in preparation for the A8 (Engine Performance) ASE certification exam. Students must furnish approved safety glasses. Field trips may be required.
Recommended Preparation: Automotive Technology 102 and 116 are recommended.

01207  1:00p-5:15p Th Rudd J HYBRID Full Semester
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

AUTO 200 – AUTOMOTIVE SERVICE ADVISING 3.0 UNITS
This course will cover the career, expectations, and duties of an automotive service advisor. Topics include customer service, the three Cs, completing repair order procedures, writing skills, and effective communication with internal and external customers.

01206  6:00p-9:10p W Staff R-114 Full Semester

AUTO 282 – AUTOMOTIVE SENSORS 3.0 UNITS
This course covers the function and testing of computerized engine sensors used on modern vehicles. The use of meters and test equipment will be emphasized. This course assists the student in preparation for the A8 (Engine Performance) and L1 (Advanced Engine Performance) ASE certification exams.

01061  1:00p-4:10p M Rudd J HYBRID Full Semester
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

AUTO 283 – DIAGNOSTIC TEST EQUIPMENT 3.0 UNITS
This course covers the use of automotive diagnostic equipment such as scan tools and hand held lab scopes. Test procedures and diagnostics will be emphasized. This course assists the student in preparation for the A8 (Engine Performance) and L1 (Advanced Engine Performance) ASE certification exams.

01208  6:00p-9:10p Th Andreasen K HYBRID Full Semester
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

BANKING (BANK)
BANK 010 – TRAINING FOR ENTRY LEVEL BANKERS 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.

00382  6:00p-10:15p Tu Nguyen K A-228 10/19-12/07
This class meets on-campus. There is no additional textbook cost for this ZTC class.

BIOL 109 – FUNDAMENTALS OF BIOLOGY 3.0 UNITS

98917  8:35a-10:00a M W Reynaga D RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.
rscd.instructure.com. There will be no instruction on-campus.

98921  8:35a-11:45a Sa Staff RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.
rscd.instructure.com. There will be no instruction on-campus.

98918  10:20a-11:45a M W Dinh-Mahavongtrakul M RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.
rscd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
Prerequisite: Biology 109 or Biology 109H with a minimum grade of C or concurrent enrollment.

BIOL 109L – FUNDAMENTALS OF BIOLOGY LABORATORY 1.0 UNIT
Laboratory experiments that illustrate important biological concepts at all levels of organization, from molecules and cells, to organisms, populations, communities, and ecosystems. Content complements Biology 109/109H lecture material. Fieldtrip required.

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

BIOL 109L – FUNDAMENTALS OF BIOLOGY LABORATORY 1.0 UNIT
Laboratory experiments that illustrate important biological concepts at all levels of organization, from molecules and cells, to organisms, populations, communities, and ecosystems. Content complements Biology 109/109H lecture material. Fieldtrip required.

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

SANTA ANA COLLEGE – FALL 2021
ONLINE (O)  Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H)  Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL)  Live scheduled web meetings during published course times
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FACE TO FACE (F2F)  Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS

BIOL 111 – MARINE BIOLOGY  4.0 UNITS
This course covers basic concepts of marine ecosystems including oceanographic principles, ecology, and a survey of marine habitats and diversity of marine organisms. Field trips required.

BIOL 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.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:

OER

ZTC

HONORS

BIOL 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.

01022  Staff ONLINE Full Semester

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.

BIOL 197 – STEM INTERNSHIP/WORK EXPERIENCE 1.0 - 4.0 UNITS

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

Prerequisite: Successful completion of 10 units from Biotech course series.

Open Entry / Open Exit

BIOL 200 – HUMAN ECOLOGY 3.0 UNITS

A biological and physical science introduction to environmental problems such as energy, resources, pollution, land use, population and food, including economic and political factors. A natural science elective.

02286  10:20a-11:45a  M W  Moore S RL Full Semester

Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

BIOL 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 080 or 081 or 84 and Chemistry 219 or 219H with a minimum grade of C.

01021  11:55a-1:20p  Tu Th  Dinh-Mahavongtrakul M RL Full Semester

Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

02167  11:55a-1:20p  Tu Th  Dinh-Mahavongtrakul M RL Full Semester

Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

BIOL 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.

01023  10:00a-11:25a  M W  Morris A RB Full Semester

Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
### BIOL 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.

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<th>Days</th>
<th>Instructor</th>
<th>Delivery Method</th>
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<td>RB Full Semester</td>
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<td>Chroman L</td>
<td>R-219</td>
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Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rccd.instructure.com.

### BIOL 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 and 109L, or 149, or 211, or 239, or 249, or Chemistry 209 with a minimum grade of C.

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

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<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>00861</td>
<td>12:35p-2:00p</td>
<td>M W</td>
<td>Nguyen T</td>
<td>RB Full Semester</td>
</tr>
<tr>
<td></td>
<td>8:35a-11:45a</td>
<td>M W</td>
<td>Takahashi M</td>
<td>R-226</td>
</tr>
</tbody>
</table>

Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rccd.instructure.com.

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<thead>
<tr>
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<th>Delivery Method</th>
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<tr>
<td>00862</td>
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<td>Nguyen T</td>
<td>RB Full Semester</td>
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<tr>
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<td>2:20p-5:30p</td>
<td>M W</td>
<td>Takahashi M</td>
<td>R-226</td>
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</table>

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<tbody>
<tr>
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<td>M W</td>
<td>Nguyen T</td>
<td>RB Full Semester</td>
</tr>
<tr>
<td></td>
<td>6:00p-9:10p</td>
<td>M W</td>
<td>Nguyen T</td>
<td>R-226</td>
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<td>8:35a-11:45a</td>
<td>Tu Th</td>
<td>Oertel P</td>
<td>R-226</td>
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<td>Oertel P</td>
<td>R-226</td>
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<tr>
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<td>Oertel P</td>
<td>RB Full Semester</td>
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<td>F</td>
<td>Lee C</td>
<td>RB Full Semester</td>
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<tr>
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<td>8:35a-3:05p</td>
<td>Sa</td>
<td>Takahashi M</td>
<td>R-226</td>
</tr>
</tbody>
</table>

Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rccd.instructure.com.

### BIOL 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 prossected cadaver as available.

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<tr>
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<th>Instructor</th>
<th>Delivery Method</th>
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<td>00873</td>
<td>7:00a-8:25a</td>
<td>Tu Th</td>
<td>Nair A</td>
<td>RB Full Semester</td>
</tr>
<tr>
<td></td>
<td>8:35a-11:45a</td>
<td>M</td>
<td>Staff</td>
<td>R-201</td>
</tr>
</tbody>
</table>

Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rccd.instructure.com.

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<tr>
<td>00874</td>
<td>7:00a-8:25a</td>
<td>Tu Th</td>
<td>Nair A</td>
<td>RB Full Semester</td>
</tr>
<tr>
<td></td>
<td>10:20a-1:30p</td>
<td>Tu</td>
<td>Hampton J</td>
<td>R-201</td>
</tr>
</tbody>
</table>

Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rccd.instructure.com.

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**Online (O)** Time-flexible online lecture and materials with no scheduled meeting times

**Hybrid (H)** Combination of online and live scheduled web or on-campus meetings

**Remote Live (RL)** Live scheduled web meetings during published course times

**Remote Blended (RB)** Live scheduled web & on-campus meetings during published dates and times

**Face to Face (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- OER
- ZTC
- HONORS
SANTA ANA COLLEGE – FALL 2021

00875  7:00a-8:25a  Tu Th  Nair A  RB  Full Semester
1:40p-4:50p  Tu  Hampton J  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

00876  7:00a-8:25a  Tu Th  Nair A  RB  Full Semester
10:20a-1:30p  Th  Nair A  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

00869  8:35a-10:00a  M W  Hampton J  RB  Full Semester
11:55a-3:05p  M  Dibernardo L  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

00870  8:35a-10:00a  M W  Hampton J  RB  Full Semester
3:20p-6:30p  M  Nair A  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

00871  8:35a-10:00a  M W  Hampton J  RB  Full Semester
10:20a-1:30p  W  Hampton J  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

00872  8:35a-10:00a  M W  Hampton J  RB  Full Semester
3:20p-6:30p  W  Caldani P  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

01016  8:35a-11:45a  Sa  Hampton J  RB  Full Semester
11:55a-3:05p  Sa  Johnson K  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

01017  8:35a-11:45a  Sa  Hampton J  RB  Full Semester
8:35a-11:45a  F  Hampton J  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

01018  8:35a-11:45a  Sa  Hampton J  RB  Full Semester
1:40p-4:50p  F  Barrios A  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

03458  8:35a-10:00a  M W  Staff  R-128  Full Semester
10:15a-1:25p  M  Staff  R-202
This class will meet on campus.

03461  8:35a-10:00a  M W  Staff  R-128  Full Semester
10:15a-1:25p  W  Staff  R-202
This class will meet on campus.

01019  11:55a-3:05p  Sa  Carrillo A  RB  Full Semester
8:35a-11:45a  Sa  Barrios A  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

01020  11:55a-3:05p  Sa  Carrillo A  RB  Full Semester
5:30p-8:40p  F  Carrillo A  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

00961  7:00p-10:10p  Th  Patel D  RB  Full Semester
7:00p-10:10p  M  Pler N  R-201
Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
BIOL 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.
Check with counselor for appropriate class. May only receive credit for BUS 101, BUS 105 or LAW 105.

BUSINESS (BUS)

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

00945 8:35a-10:00a  M  W  Ursuy C  A-203  Full Semester
This class meets on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00948 10:20a-11:45a  M  W  Shweirig G  A-205  Full Semester
This class meets on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00946  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

01042 10:20a-11:45a  Tu  Th  Kowsari A  HYBRID 08/23-10/17
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

01043 6:00p-9:10p  W  Kowsari A  HYBRID 08/23-10/17
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

01044  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

BUS 101 – BUSINESS LAW 3.0 UNITS
Fundamental legal principles pertaining to business transactions. Introduction to the law as an instrument of social and political control in society. Topics include sources of law and ethics, contracts, torts, agency, judicial and administrative processes, employment law, forms of business organizations, and domestic and international governmental regulations. Intended for transfer to Cal State Northridge. All others see Law 105 and Bus 105. Check with counselor for appropriate class. May only receive credit for Bus 101, Bus 105 or Law 105.

99897 10:20a-11:45a  Tu  Th  Robinson K  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

99886 11:55a-1:20p  M  W  Sauber D  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. BUS 101 for transfer to Cal State Northridge only. All others take BUS 105 or LAW 105 (can receive credit for only BUS 105 or LAW 105)

O R I G I N A L  (O)  Time-flexible online lecture and materials with no scheduled meeting times
H Y B R I D  (H)  Combination of online and live scheduled web or on-campus meetings
R E M O T E  L I V E  (RL)  Live scheduled web meetings during published course times
R E M O T E  B L E N D E D  (RB)  Live scheduled web & on-campus meetings during published dates and times
F A C E  T O  F A C E  (F2F)  Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
BUS 103 – COOPERATIVE WORK EXPERIENCE- OCCUPATIONAL EDUCATION – 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

BUS 103 – COOPERATIVE WORK EXPERIENCE - OCCUPATIONAL EDUCATION – 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
BUS 104 – COOPERATIVE WORK EXPERIENCE-GENERAL EDUCATION-GENERAL 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

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<th>Credits</th>
<th>Times</th>
<th>Days</th>
<th>Instructor</th>
<th>Type</th>
<th>Location</th>
<th>Notes</th>
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<tr>
<td>99872</td>
<td>6:00p-9:10p</td>
<td>W</td>
<td>Liang M</td>
<td>A-130</td>
<td>Staff</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>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.</td>
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BUS 105 – LEGAL ENVIRONMENT OF BUSINESS 3.0 UNITS
Fundamental legal principles pertaining to business transactions. Introduction to the law as an instrument of social and political control in society. Topics include sources of law and ethics, contracts, torts, agency, judicial and administrative processes, employment law, forms of business organizations, and domestic and international governmental regulations. Intended for transfer to most Cal State including Cal State Fullerton. Check with counselor for appropriate class. May only receive credit for Bus 101, Bus 105 or Law 105.

Open Entry / Open Exit

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<td>10:20a-11:45a</td>
<td>Tu Th</td>
<td>Robinson K</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. BUS 105 is the same as LAW 105 - students can receive credit for only one class BUS 105 OR LAW 105.</td>
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<tr>
<td>99895</td>
<td>11:55a-1:20p</td>
<td>M W</td>
<td>Sauber D</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. BUS 105 is the same as LAW 105 - students can receive credit for only one class BUS 105 OR LAW 105.</td>
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</table>

Other course options:

- **Online (O)**: Time-flexible online lecture and materials with no scheduled meeting times
- **Hybrid (H)**: Combination of online and live scheduled web or on-campus meetings
- **Remote Live (RL)**: Live scheduled web meetings during published course times
- **Remote Blended (RB)**: Live scheduled web & on-campus meetings during published dates and times
- **Face to Face (F2F)**: Meetings are on-campus during published course times
- **Low cost or free textbooks:**
  - **OER**
  - **ZTC**
  - **HONORS**
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. BUS 105 is the same as LAW 105 - students can receive credit for only one class BUS 105 OR LAW 105. Registration open for all students.

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. BUS 105 is the same as LAW 105 - students can receive credit for only one class BUS 105 OR LAW 105.

BUS 106 – CULTURE AND INTERNATIONAL BUSINESS-KISS, BOW OR SHAKE HANDS 3.0 UNITS
An introduction to different cultures and their effects on international business. Analysis of cross-cultural attitudes towards management, status, rules, relationships, motivating employees, and negotiation.

Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rccd.instructure.com.

BUS 115 – GLOBAL SHIPPING AND LOGISTICS 3.0 UNITS
Learn how to respond to international trade inquiries, understand international trade terms of sale for import and export, and how to calculate landed costs. Learn how to create and issue import and export documents used in selling or buying products globally. Includes the creation and use of actual documents used in global trade. Learn how to ship products internationally and develop a transportation strategy. Learn about transportation terminology, the role of the freight forwarder, transportation documentation, freight cost calculations, major ports of the world, and distribution methods. Create documents for product inspection, health/agricultural registrations, and hazardous materials shipments. Utilize actual documents, software, and resources necessary to effectively complete documentation required for international trade. Get introduced to supply chain management and inventory control.

Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rccd.instructure.com. There is no additional textbook cost for this ZTC class.

BUS 116 – GLOBAL MARKETING: SELLING AROUND THE WORLD 3.0 UNITS
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.

Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rccd.instructure.com.

BUS 120 – PRINCIPLES OF MANAGEMENT 3.0 UNITS
Principles, methods, and procedures essential to the successful management of human and financial resources. Planning, decision making, staffing, directing, motivating, leading, communicating, controlling and the application of managerial skills.

Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. BUS 105 is the same as LAW 105 - students can receive credit for only one class BUS 105 OR LAW 105.

LOW COST OR FREE TEXTBOOKS:
- ZTC
- OER
- HONORS
- F2F: FACE TO FACE (F2F) Meetings are on-campus during published course times
- RL: REMOTE LIVE (RL) Live scheduled web meetings during published course times
- RB: REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
- H: HYBRID (H) Combination of online and live scheduled web or on-campus meetings
- O: ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
BUS 121 – HUMAN RELATIONS AND ORGANIZATIONAL BEHAVIOR 3.0 UNITS
The role of the manager and management's relationship to employees. Includes the application of motivational theories, communications, leadership, and organizational structure.

01057 6:00p-9:10p W Staff HYBRID 10/18-12/12
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

BUS 125 – INTRODUCTION TO INTERNATIONAL BUSINESS 3.0 UNITS
A survey course previewing international marketing, finance, law, and logistics. Includes how a company decides to go global and how products are made, transported, and sold around the world.

01066 7:55a-8:50a M Tu Th F Scanlon B VHS Full Semester
This class meets on-campus.

01083 8:55a-9:50a M Tu Th F Scanlon B VHS Full Semester
This class meets on-campus.

01084 6:00p-9:10p W Kowsari A HYBRID 10/18-12/12
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

BUS 130 – PERSONAL FINANCE 3.0 UNITS
This course is designed to empower individuals with various tools to manage their money and make sound lifelong financial decisions. Topics include financial planning, income and expense management, investment analysis, retirement planning, consumerism, insurance, estate planning, home ownership and credit management. This course uses financial, tax, and mathematical calculations. Students will take a hands-on approach to such learning and skill development with problem-solving assignments and projects that require them to explain information presented in tax forms and financial statements. They will also obtain the knowledge and skills required to convert financial information into portrayals that contribute to an understanding of present and future personal and family financial needs. Students will also be provided with opportunities to analyze and synthesize on documents and reports. They will develop the logical reasoning skills needed by informed and productive citizens. Moreover, instructors will (a) provide student-centered activity-based instruction, (b) emphasize the conceptual understanding and skills of mathematics and quantitative reasoning, and (c) facilitate the development of competence and confidence in problem-solving abilities.
Prerequisite: Mathematics N48 with a minimum grade of C or placement into Mathematics 083 according to the Santa Ana College Mathematics Department's placement standards.

00384 6:00p-9:10p M Rivest C A-207 Full Semester
This class meets on-campus.

00386 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

BUS 140 – PRINCIPLES OF FINANCE 3.0 UNITS
An introduction to corporate financial management and the functioning of global financial markets. Includes financial planning and analysis, working capital management, capital budgeting, time value of money, risk analysis, capital markets, and long term financing.

00387 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

BUS 150 – INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS 3.0 UNITS
Introduction to computer concepts and management information systems. Application software will be used to solve business problems.

00389 8:35a-10:00a M W Linthicum S RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00388 10:20a-11:45a Tu Th Sim J A-206 Full Semester
This class meets on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
Bus 222 – Business Writing

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.

Bus 170 – Principles of Small Business Management

Practical business skills needed to start and operate a small business. Includes information on risk management, site location, legal aspects, financing, budgeting, merchandising, promotion, and management techniques.

Bus 222 – Business Writing

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.

00392

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. Online Degree Pathway course.

00394

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00395

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00396

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

01089

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

SANTA ANA COLLEGE – FALL 2021

00392

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. Online Degree Pathway course.

00394

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00395

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00396

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

01089

Bus 222 – Business Writing

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com
BA 100 – BUSINESS WRITING SKILLS  
3.0 UNITS
Build essential business writing skills using best practices to write clear, effective, and professional content for documents. Course includes proper business usage of grammar, sentence structure, punctuation, vocabulary, writing strategies based on goals, content organization, and pre-writing. Professional training in written communications including email, memos, letters, and reports. Develop editing and proofreading skills for business projects including presentations, brochures, and online content.

BA 102 – PROFESSIONAL SKILLS & CAREER READINESS  
3.0 UNITS
Develop and improve professional business skills using current standards and technology including employment readiness skills, leadership, customer service, teamwork and collaboration skills, effective communication, job search, and advancement. Instruction includes professional image, business ethics, office management, problem-solving and decision-making skills, interpersonal skills, time and stress management, business travel, and effective meetings.

BA 103 – BUSINESS MATHEMATICS  
3.0 UNITS
This course is designed to enable students to learn and apply mathematics skills in business including review of fractions, decimals, percents, banking, discounts, markups, payroll, interest calculation, installment buying, mortgages, depreciation, taxes, insurance, stocks, bonds, and mutual funds.

BA 110 – COMPUTER KEYBOARDING SKILLS  
0.5 UNIT
This course is the first step in learning proper keyboarding techniques with accuracy using correct hand and finger positioning. Students will follow step-by-step instructions for all alphabet, punctuation, enter/return, and capitalization using shift keys. Typing correctly without errors will provide the skills necessary to develop speed with accuracy.

01106 6:00p-9:10p  W  Staff  HYBRID  10/18-12/12
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

02106 Mostajeran Y  ONLINE  Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00521 Finn E  ONLINE  08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00730 De la Torre-Reed L  ONLINE  10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00731 Nguyen K  ONLINE  Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

03073 1:00p-1:50p  Tu Th F  Skaggs T  STHS  Full Semester
This class meets on-campus.

00732 Skaggs T  ONLINE  08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
BA 115 – COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT 0.5 UNIT
After the basic keyboarding skills have been mastered, the most important next step is to take this course to develop and increase speed with accuracy. Students will use drills and timed writing tests to develop speed and accuracy to meet current business employment typing requirements and make the use of business technology faster and easier. Typing skills with a minimum 20 words per minute (WPM) using proper techniques or completion of BA 110 recommended.

00793 Skaggs T ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

BA 125 – MICROSOFT WORD 2.0 UNITS
Learn the most efficient methods of creating, editing, formatting, and printing professional business documents faster and easier. Beginners as well as experienced Word users will benefit from learning proper file setup and shortcuts using current business standards. Students will master basic skills and learn advanced features and techniques to produce a wide variety of documents including resumes, newsletters, and brochures. This course will prepare the student for the Microsoft Office Specialist (MOS) exam to earn an industry recognized certification.

Software Utilized: MS Word 2019

00794 Manzano M ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

00795
11:20a-12:10p M W
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

00796
1:40p-2:30p M W
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

00797
11:20a-12:10p Tu Th
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

00798
1:40p-2:30p Tu Th
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

BA 126 – MICROSOFT OUTLOOK 2.0 UNITS
Learn how business professionals use all the features in Microsoft Outlook for information management to improve communication and increase productivity. Topics include proper email usage, create meeting invites, schedule appointments, manage contacts, organize emails, manage calendars, email security, customize settings, and create backups. This course will prepare the student for the Microsoft Office Specialist (MOS) exam to earn an industry recognized certification.

00810 Dumon D ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
BA 127 – MICROSOFT TEAMS 2.0 UNITS
Learn how business professionals use all the features in Microsoft Teams for effective communication in modern workplaces and working remotely. Instruction includes effective collaboration, proper techniques in creating and managing private and public teams and channels, scheduling and managing virtual meetings and live events, team chat, video communication, webinars, file sharing management, setting permissions, handling security issues, and integrating with other Microsoft apps (Word, Excel, PowerPoint). Use practical scenarios to improve collaboration inside and outside of an organization and increase productivity.

00839 Morgan A ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

BA 130 – INTRODUCTION TO SPANISH BILINGUAL INTERPRETING 3.0 UNITS
Introduction to Spanish and English bilingual skills for a career as an interpreter or translator. Learn about the various industries that employ bilingual skills to provide interpreting and translating services for business, medical, legal, government, and education. Course includes proper translation of medical terminology, written and verbal translation techniques, professional role, and code of ethics. Fluency in Spanish and English is strongly recommended.

00838 De la Torre-Reed L ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

BA 131 – BUSINESS INTERPRETATION AND TRANSLATION -SPANISH/ENGLISH 3.0 UNITS
Business Spanish and English bilingual skills required for interpreters and translators to provide professional interpreting and translating services to business, government, and education. Topics include proper translation of industry terminology, advertising, presentations, government documents, professional role, standards, and code of ethics. Fluency in Spanish and English is strongly recommended.

00840 Strong N ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

BA 132 – MEDICAL INTERPRETATION AND TRANSLATION-SPANISH/ENGLISH 3.0 UNITS
Medical Spanish and English bilingual skills required for interpreters and translators to provide professional interpreting and translating services to medical offices, hospitals, dental offices, clinics, and other healthcare services. Topics include proper translation of medical terminology, professional role, standards, code of ethics, medical signs and symptoms, health insurance, and medical forms. Fluency in Spanish and English is strongly recommended.

00841 Strong N ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

BA 133 – LEGAL INTERPRETATION AND TRANSLATION-SPANISH/ENGLISH 3.0 UNITS
Legal Spanish and English bilingual skills required for interpreters and translators to provide professional interpreting and translating services to law offices, courts, law enforcement, government, and other legal related business. Topics include proper translation of legal terminology, consecutive mode of interpreting in a legal setting, professional role, standards, code of ethics, documents, forms, court reporting, and legal cases. Fluency in Spanish and English is strongly recommended.

00842 Th De La Torre M RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
BA 140 – INTRODUCTION TO VIETNAMESE BILINGUAL INTERPRETING 3.0 UNITS
Introduction to Vietnamese and English bilingual skills for a career as an interpreter or translator. Learn about the various industries that employ bilingual skills to provide interpreting and translating services for business, medical, legal, government, and education. Course includes proper translation of industry terminology, written and verbal translation techniques, professional role, and code of ethics. Fluency in Vietnamese and English is strongly recommended.

00844
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com There is no additional textbook cost for this ZTC class.

BA 146 – COMPUTER FUNDAMENTALS 1.5 UNITS
Learn current computer technology for business and personal use including hardware components and software applications using current standards. Topics also include Internet, virus protection, networking, cloud computing, and Wi-Fi. Helpful tips to make using the computer easier, faster, and more efficient. Course is designed for beginner and experienced users needing to update and build business technology knowledge and skills.

00845
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

BA 147 – MICROSOFT WINDOWS, ONE_DRIVE & ONENOTE 1.5 UNITS
This course is designed for beginning and experienced computer users needing to update and build business technology skills in using Windows. Customize settings including Start menu tiles, task bar, shortcuts, and pin apps. Learn efficient methods of using Cortana and Microsoft Edge browser. Save ideas and organize notes for planning and meetings using OneNote, a digital note-taking app. Learn proper management of files and folders using File Explorer and OneDrive cloud storage.

Software Utilized: Windows 10

01362
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

BA 149 – TECHNOLOGY FOR INTERPRETERS & TRANSLATOR 1.0 UNIT
Learn the technology and equipment used by professional interpreters and translators. Develop skills in using hardware and software for in-person and remote interpreting and translating. Integrating digital tools and modern techniques will increase efficiency, accuracy, and productivity in written translation and verbal interpreting. Bilingual proficiency in English and Spanish or Vietnamese is strongly recommended.

00847
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

BA 153 – SOCIAL MEDIA APPS FOR EMPLOYMENT AND BUSINESS 1.5 UNITS
Boost your career opportunities by learning the latest trends in using social media applications. Learn how to use all the features in the leading social media apps to find employment, promote a business, and network with professionals. Tips on how to improve the quality and effectiveness of your social media presence. Learn proactive and professional techniques in handling reviewer comments. Live stream videos on social media including from drones. Hands-on instruction in social media apps including LinkedIn, Facebook, Instagram, Twitter, YouTube, Yelp, Google, Pinterest, and Snapchat. This course is designed for beginner and experienced social media users.

00848
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
BA 154 – SEARCH ENGINE OPTIMIZATION AND WEB STATISTICS APPS FOR BUSINESS 1.5 UNITS
Learn how search engines work, website structure with Search Engine Optimization (SEO), competitive keyword research, writing content for search friendly websites, effective link building, and Search Engine Marketing (SEM) with Google Ads. Learn how business professionals use web statistics applications, such as Google Analytics, to analyze and track the effectiveness and performance of web pages and content to determine SEO and SEM practices. Learn how to use apps to measure site traffic, ad performance, Return on Investment (ROI), and conversions. Create an account, set up custom campaigns, and work with reports. This course is designed for beginner and experienced users.

00849   Andrus E ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

BA 158 – INTRODUCTION TO DRONES 1.5 UNITS
Introduction to using drones for commercial and recreational use. Learn how to fly drones safely and legally. Topics include types of drones, taking photos, recording videos, live stream for social media, FAA regulations, Part 107 remote pilot license and exam information, drone registration, preflight, and problem solve flight situations. Learn about the many careers and industries using drones (public safety, investigations, construction, engineering, inspections, real estate, marketing, media, delivery, insurance). Do not need to own or purchase a drone to take this course. Course is designed for beginning and experienced drone users.

00850   Ostrowski E HYBRID 08/23-10/17
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. Drones provided for this on-campus class.

BA 159 – DRONES FOR MAPPING 2.0 UNITS
Learn how drones are used for terrain modeling, surveying, and mapping such as topography, site development, volume measurements, and contour elevation creation. Students will also learn the intricacies of mapping with drones and how it correlates with GPS technology. Course topics include Part 107 regulations, field drone mapping protocols, and drone mapping data processing. GEOG 101 or GEOG 155 is recommended. Course designed for beginning and experienced drone users. Drones provided in class.

00853   Ostrowski E HYBRID 10/18-12/12
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. Drones provided for this on-campus class.

BA 161 – INTRODUCTION TO DRONE LAWS 0.5 UNIT
An introduction to drone laws for first responder, public safety, commercial and recreational drone users. Topics include the application of federal, state and local laws, third party liability issues, and basics of public safety drone law issues.

02507  7:00a-12:00p Sa  Staff OCSD 09/18-09/18
This class meets on-campus, 15991 Armstrong Avenue, Tustin, CA 92782.

02508  7:00a-12:00p Sa  Staff OCSD 10/16-10/16
This class meets on-campus, 15991 Armstrong Avenue, Tustin, CA 92782.
BA 163 – ADOBE Acrobat
3.0 UNITS
Learn to use Adobe Acrobat Pro DC to create, edit, sign, secure, and optimize PDF documents for print, web, and email. Topics include create fillable PDF forms, combine and arrange multiple files, convert PDF to Microsoft Office file formats, insert multimedia (graphics, video, audio), add security (restrictions with passwords), accessibility compliance, digital signatures, review process (add comments, proofing marks), page links, bookmarks, Bates Numbering, and Redact tool for redacting text for legal and business documents.

00877 Dushman D ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

BA 164 – ADOBE Photoshop
3.0 UNITS
Learn to use Adobe Photoshop for photo image editing to enhance print and web business and marketing projects based on current industry standards and proper techniques. Topics include graphics terminology, color correction, stock images, photo repair and restoration, proper file setup, export, masking, filters, special effects, and editing video. This course will prepare the student for the Adobe Certified Associate (ACA) exam to earn an industry-recognized certification.

Software Utilized: Adobe Photoshop CC

00878 Dushman D ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

BA 166 – ADOBE Illustrator
3.0 UNITS
Learn to use Adobe Illustrator to digitally create, manipulate, and export vector-based graphics, illustrations, drawings, logos, business cards, and simple page layouts to enhance print and web business and marketing projects based on current industry standards and proper techniques. This course will prepare the student for the Adobe Certified Associate (ACA) exam to earn an industry-recognized certification.

Software Utilized: Adobe Illustrator CC

00879 Dushman D ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

BA 170 – ADOBE InDesign
3.0 UNITS
Learn how to use Adobe InDesign to produce professional page layout projects such as brochures, newsletters, flyers, magazines, and books for print and web digital publications using current business standards and techniques. Topics include typography, paragraph and character styles, importing and linking graphics, integrating Photoshop and Illustrator files, applying color, master pages, frames, proper file setup, fixed-layout EPUB, prepress, and preflight. This course will prepare the student for the Adobe Certified Associate (ACA) exam to earn an industry-recognized certification.

Software Utilized: Adobe InDesign CC

00880 Finnell M ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

BA 171 – ADOBE Premiere Pro
3.0 UNITS
Learn to use Adobe Premiere Pro, the industry-leading video editing software to create professional video presentation projects for today's business marketing and sales via web and social media. Step-by-step, project-based lessons using proper software techniques and industry standards to effectively use this business application. This course will prepare the student for the Adobe Certified Associate (ACA) exam to earn an industry recognized certification.

00881 Dushman D ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

BA 172 – ADOBE After Effects
3.0 UNITS
Learn how businesses today use After Effects software to create professional motion graphics for corporate presentations, company profiles, and marketing projects for web and social media. Step-by-step, project-based lessons on how to create, manipulate, and optimize motion graphics to grab your audience's attention with a high-quality intro video, animated slide show, or presentations of your business.

00882 Ostrowski E ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
### BA 179 – MICROSOFT OFFICE (WORD, EXCEL, POWER) POINT)  
3.0 UNITS  
This course is designed for beginning and experienced computer users to build business technology skills in Microsoft Office Word, Excel, and PowerPoint. Learn to use proper techniques to create, edit, format, add multimedia, export PDF, and print professional business documents, spreadsheets, and presentations. This course will prepare the student for the Microsoft Office Specialist (MOS) exams to earn industry recognized certifications in Word, Excel, and PowerPoint.

<table>
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<tr>
<th>Course Code</th>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Semester</th>
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<td>00885</td>
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<td>Lee C</td>
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<td>00883</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="http://rsccd.instructure.com">rsccd.instructure.com</a></td>
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<td>STHS</td>
<td>HYBRID Full Semester</td>
</tr>
</tbody>
</table>

### BA 181 – EVERYONE CAN CODE WITH APPLE  
2.0 UNITS  
Learn about mobile business applications, what it takes to develop a mobile app for your business, and how to market your business app successfully. This is an introductory course in using an Apple visual-based application software to create mobile applications for Apple products such as iPhone and Apple Watch. Students will use an iPad to explore fundamental concepts using application technology to build mobile apps for a business and inspire new career possibilities in business technology.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>00891</td>
<td></td>
<td>3:30p-5:35p</td>
<td>M W</td>
<td>Ho N</td>
<td>A-222</td>
<td>10/18-12/08</td>
</tr>
</tbody>
</table>

This class meets on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

### BA 182 – GOOGLE APPS & GOOGLE DR  
2.0 UNITS  
Build effective digital skills using Google Apps to create, edit, and share files. Work collaboratively and productively to complete common workplace activities using Google Docs, Sheets, Slides, Forms, Meet, and Hangouts. Use Google Drive to store, collaborate, and manage files and folders. Use Google Classroom to boost learning and collaboration between educators and students. Integrate with Microsoft Office apps and discuss other cloud apps including OneDrive and Dropbox. Course designed for business professionals, teachers, and students.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>01363</td>
<td></td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="http://rsccd.instructure.com">rsccd.instructure.com</a> Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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</table>

### BA 188 – MICROSOFT EXCEL  
2.0 UNITS  
This course is designed for beginning and experienced computer users needing to build and update business technology skills to produce professional Excel worksheets. Learn proper techniques using current business standards to create, edit, format, export PDF, and print worksheets. Topics include insert images, graphics, charts, functions, and formulas. This course will prepare the student for the Microsoft Office Specialist (MOS) exam to earn an industry recognized certification.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>00896</td>
<td></td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="http://rsccd.instructure.com">rsccd.instructure.com</a></td>
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</tbody>
</table>
BA 189 – ADVANCED MICROSOFT EXCEL  
2.0 UNITS
This course builds on the skills and concepts learned in the BA 188 Microsoft Excel course. Students will learn advanced functions and formulas, data analysis, PivotTables, PivotCharts, protecting and sharing workbooks, automating repetitive tasks, and other advanced Excel skills required for managing and presenting data for business. This course will prepare the student for the Microsoft Office Specialist (MOS) Excel and Excel Expert exams to earn industry recognized certifications.  
Software Utilized: MS Excel 2019

00899  Nguyen T  ONLINE  10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

BA 190 – MICROSOFT POWERPOINT  
2.0 UNITS
Learn the latest features and techniques in creating captivating business slide presentations. Beginning and experienced PowerPoint users will benefit from learning proper file setup and professional presentation tips using current business standards. Topics include slide animation, transitions, and inserting tables, charts, images, videos, and audio. This course will prepare the student for the Microsoft Office Specialist (MOS) exam to earn an industry recognized certification.

Software Utilized: MS PowerPoint 2019

H 00900  Morgan A  HYBRID  10/18-12/12
11:20a-12:10p  M W  Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

H 00901  Morgan A  HYBRID  10/18-12/12
1:40p-2:30p  M W  Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

H 00902  Morgan A  HYBRID  10/18-12/12
11:20a-12:10p  Tu Th  Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

H 00903  Manzano M  HYBRID  10/18-12/12
1:40p-2:30p  Tu Th  Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

00904  Morgan A  ONLINE  10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

CHEM 115 – CONCEPTS IN PHYSICAL SCIENCES FOR EDUCATORS  
4.0 UNITS
An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. Designed for non-science majors, concepts are introduced in lab through inquiry and further developed during discussion.

F 01692  Pratt C  R-302  Full Semester
7:00a-10:10a  M  This class will meet on campus.
7:00a-10:10a  W  

CHEM 209 – INTRODUCTORY CHEMISTRY  
4.0 UNITS
Prerequisite: Mathematics 080 or Mathematics 081 or Mathematics 083 or Mathematics 084 with a minimum grade of C.

F 03480  Van Wart A  R-126  Full Semester
7:00a-10:10a  W  This class will meet on campus.
7:00a-10:10a  M
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
- OER
- ZTC
- HONORS
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Time</th>
<th>Instructor</th>
<th>Mode</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 210</td>
<td>GENERAL, ORGANIC AND BIOCHEMISTRY</td>
<td>5.0</td>
<td>7:00p-10:10p M</td>
<td>Yamada T</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>CHEM 219</td>
<td>GENERAL CHEMISTRY</td>
<td>5.0</td>
<td>8:35a-10:00a M W</td>
<td>Mandir J</td>
<td>RB</td>
<td>Full Semester</td>
<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
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<tr>
<td>CHEM 219</td>
<td>GENERAL CHEMISTRY</td>
<td>5.0</td>
<td>8:45a-10:10a Tu Th</td>
<td>McAdam J</td>
<td>RB</td>
<td>Full Semester</td>
<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
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<tr>
<td>CHEM 219</td>
<td>GENERAL CHEMISTRY</td>
<td>5.0</td>
<td>8:45a-10:10a Tu Th</td>
<td>McAdam J</td>
<td>RB</td>
<td>Full Semester</td>
<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
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<td>CHEM 219</td>
<td>GENERAL CHEMISTRY</td>
<td>5.0</td>
<td>10:40a-12:05p M W</td>
<td>Geragotelis A</td>
<td>RB</td>
<td>Full Semester</td>
<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
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<td>CHEM 219</td>
<td>GENERAL CHEMISTRY</td>
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<td>12:25p-1:50p M W</td>
<td>McMillan J</td>
<td>RB</td>
<td>Full Semester</td>
<td>This class will meet on campus.</td>
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<tr>
<td>CHEM 219</td>
<td>GENERAL CHEMISTRY</td>
<td>5.0</td>
<td>5:00p-6:25p M W</td>
<td>Visco L</td>
<td>RB</td>
<td>Full Semester</td>
<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
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**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times  
**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings  
**REMOTE LIVE (RL)** Live scheduled web meetings during published course times  
**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times  
**FACE TO FACE (F2F)** Meetings are on-campus during published course times  

Low cost or free textbooks:  
**OER**  
**ZTC**  
**HONORS**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery Method</th>
<th>Units</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>CHEM 229</td>
<td>5:00p-6:25p</td>
<td>Tu Th</td>
<td>Nguyen W</td>
<td>RB Full Semester</td>
<td>5.0</td>
<td>Chemistry 219 with a minimum grade of C.</td>
</tr>
<tr>
<td></td>
<td>7:00p-10:10p</td>
<td>Tu Th</td>
<td>Nguyen W</td>
<td>R-309</td>
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<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
</tr>
<tr>
<td>CHEM 249</td>
<td>10:40a-12:05p</td>
<td>Tu Th</td>
<td>Mandir J</td>
<td>RB Full Semester</td>
<td>5.0</td>
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<tr>
<td></td>
<td>7:00a-10:10a</td>
<td>Tu Th</td>
<td>Mandir J</td>
<td>R-301</td>
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<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
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<tr>
<td>CHEM 249</td>
<td>2:20p-3:45p</td>
<td>M W</td>
<td>McAdam J</td>
<td>RB Full Semester</td>
<td>5.0</td>
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<tr>
<td></td>
<td>10:40a-1:50p</td>
<td>M W</td>
<td>McAdam J</td>
<td>R-301</td>
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<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
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<tr>
<td>CHEM 249</td>
<td>8:35a-10:00a</td>
<td>M W</td>
<td>Jenkins C</td>
<td>RB Full Semester</td>
<td>5.0</td>
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<td></td>
<td>10:30a-1:40p</td>
<td>M W</td>
<td>Jenkins C</td>
<td>R-302</td>
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<td>8:35a-10:00a</td>
<td>Tu Th</td>
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<td>10:30a-1:40p</td>
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<td>Nguyen W</td>
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<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
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<tr>
<td>CHEM 259</td>
<td>5:00p-6:25p</td>
<td>Tu Th</td>
<td>Yamada T</td>
<td>RB Full Semester</td>
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<td></td>
<td>7:00p-10:10p</td>
<td>Tu Th</td>
<td>Yamada T</td>
<td>R-302</td>
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<td>CHEM 259</td>
<td>5:00p-6:25p</td>
<td>M W</td>
<td>Jenkins C</td>
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<td>7:00p-10:10p</td>
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<td>Jenkins C</td>
<td>R-302</td>
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<td>Remote Blended. Students attend virtually on Canvas and meet for on-campus lab instruction during the days and times indicated, rsccd.instructure.com.</td>
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**Delivery Methods:**
- **ONLINE (O)**: Time-flexible online lecture and materials with no scheduled meeting times
- **HYBRID (H)**: Combination of online and live scheduled web or on-campus meetings
- **REMOTE LIVE (RL)**: Live scheduled web meetings during published course times
- **REMOTE BLENDED (RB)**: Live scheduled web & on-campus meetings during published dates and times
- **FACE TO FACE (F2F)**: Meetings are on-campus during published course times

**Low cost or free textbooks:**
- **OER**
- **ZTC**
- **HONORS**
CHILD DEVELOPMENT (CDEV)

CDEV 107 – CHILD GROWTH AND DEVELOPMENT (DS1) 3.0 UNITS
This course examines the major physical, cognitive, social and emotional developmental milestones for children, from conception through adolescence. Emphasis on interactions between maturational processes and environmental factors. Students will observe children, evaluate individual differences, and analyze characteristics of development from conception through adolescence. Emphasis on interactions between maturational processes and environmental factors. This course will critically analyze the societal context in which the Chicana/Chicano/Chican@/Chicanx/Xicana/Xicanxs various experiences and their contributions to American society and culture. This course is designed to present a foundation in Chicana/Chicano/Chican@/Chicanx/Xicana/Xicanxs various experiences and their contributions to American society and culture. This course is designed to present a foundation in Chicana/Chicano/Chican@/Chicanx/Xicana/Xicanxs various experiences and their contributions to American society and culture.

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

LOW COST OR FREE TEXTBOOKS:
- ZTC
- OER
- HONORS

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

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FACE TO FACE (F2F) Meetings are on-campus during published course times
**Remote Live.** Students attend live streamed meetings on Canvas during the scheduled days and times. [rsccd.instructure.com](http://rsccd.instructure.com). There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

**Hybrid (H)** Combination of online and live scheduled web or on-campus meetings.

**Remote Live (RL)** Live scheduled web meetings during published course times.

**Remote BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times.

**Face to Face (F2F)** Meetings are on-campus during published course times.
CDEV 108 – OBSERVATION AND ASSESSMENT FOR EARLY LEARNING AND DEVELOPMENT (DS3)  
3.0 UNITS

This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play, and learning to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored.

Prerequisite: Child Development 107 with a minimum grade of C. Negative TB Test (must be completed before observations take place during the semester). By the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.

R 01174 8:35a-11:45a Tu Lamourelle C RL Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

H 01162 6:00p-8:00p M Cox K HYBRID CANVAS Full Semester  
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.  There will be no instruction on-campus.

H 01171 6:30p-9:00p W Nunez Y HYBRID CANVAS Full Semester  
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.  There will be no instruction on-campus.

H 01176 6:30p-9:30p Th Deusenberry J HYBRID 10/18-12/12  
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.  There will be no instruction on-campus.

CDEV 110 – CHILD, FAMILY, AND COMMUNITY (DS2)  
3.0 UNITS

The processes of socialization focusing on interrelationship of family, school, and community. Examines the influence of multiple societal context. Explores the role of collaboration between family, community, and schools in supporting children's development.

R 01179 12:30p-3:40p Th Trahan Grissom L RL Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

R 01178 6:30p-9:40p Tu Nunez Y RL Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

H 01181 Staff ONLINE 08/23-10/17  
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

H 01183 Staff ONLINE 10/18-12/12  
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

H 01184 6:30p-9:00p Th Norton J HYBRID CANVAS 10/18-12/12  
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.  There will be no instruction on-campus.

CDEV 111A – PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN  
3.0 UNITS

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

Prerequisite: Child Development 108 with a minimum grade of C. Negative TB Test (need to complete before observation during the course). By the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.

H 01186 6:00p-9:00p Tu Seneviratne A HYBRID CANVAS 08/23-10/17  
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.  There will be no instruction on-campus.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times  
HYBRID (H) Combination of online and live scheduled web or on-campus meetings  
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Low cost or free textbooks:  
OER  
ZTC  
HONORS
### CDEV 111B – INTRODUCTION TO CURRICULUM FOR YOUNG CHILDREN 3.0 UNITS

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

**Prerequisite:** Child Development 108, and Child Development 111A with a minimum grade of C or concurrent enrollment in Child Development 111A. By the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.

<table>
<thead>
<tr>
<th>Section</th>
<th>Instructor</th>
<th>Schedule</th>
<th>Type</th>
<th>Canvas Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>01192</td>
<td>Seneviratne A</td>
<td>6:00p-9:00p M</td>
<td>HYBRID</td>
<td>Staff CANVAS</td>
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<tr>
<td>01430</td>
<td>Mc Innish A</td>
<td>6:00p-9:00p Th</td>
<td>HYBRID</td>
<td>Staff CANVAS</td>
</tr>
<tr>
<td>01445</td>
<td>Mc Innish A</td>
<td>6:00p-9:00p M</td>
<td>HYBRID</td>
<td>Staff CANVAS</td>
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<tr>
<td>01446</td>
<td>Vargas R</td>
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<td>10/18-12/12</td>
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<tr>
<td>01449</td>
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<td>ONLINE</td>
<td>08/23-10/18</td>
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### CDEV 112 – HEALTH, SAFETY, AND NUTRITION FOR CHILDREN 3.0 UNITS

This course examines the regulations, policies, procedures and best practices for early childhood curriculum related to health, safety, food, and nutrition while supporting child development through everyday planning and school programming. The importance of collaboration between families and health and school professionals to ensure physical and mental health of all children, families, and professionals will be explored. Students will have to show proof of negative TB test results by the 4th week of the semester. Observations to local child development centers will be included.

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<th>Section</th>
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<td>01449</td>
<td>Vargas R</td>
<td>ONLINE</td>
<td>08/23-10/18</td>
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### CDEV 114 – CAREERS IN TEACHING 1.0 UNIT

Introduction to the teaching profession, culturally diverse student populations, career ladders and options, academic preparation, experience, and credentials required for employment, utilizing career assessments, principles of goal setting, and exposure to teaching environments and teaching professionals. Students will formulate a career objective and develop an educational plan.

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<tr>
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<td>Brown A</td>
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<td>10/18-12/12</td>
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### CDEV 116A – INFANT/TODDLER GROWTH AND DEVELOPMENT (DS4) 3.0 UNITS

A study of infants and toddlers from conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family and relationships in development.

**Prerequisite:** Child Development 107 and Child Development 108 with a minimum grade of C. By the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.

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<tr>
<td>01452</td>
<td>King T</td>
<td>HYBRID</td>
<td>08/23-10/17</td>
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</table>

**Low cost or free textbooks:**
- OER
- ZTC
- HONORS
CDEV 116B – CARE AND EDUCATION FOR INFANTS AND TODDLERS (DS3) 3.0 UNITS
Applies current theory and research to the care and education of infants and toddlers in group settings. Examines essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months.
Prerequisite: Child Development 107, Child Development 108, and Child Development 116A with a minimum grade of C or concurrent enrollment in Child Development 116A. By the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.

H 01453 King T HYBRID 10/18-12/12
6:30p-9:00p W Staff CANVAS
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

CDEV 120A – DEVELOPMENT OF THE SCHOOL AGE CHILD (DS5) 3.0 UNITS
An examination of the physical, cognitive, personality, and social development of children between the ages of five and twelve years. Attention will be paid to the scientific study of middle childhood, developmental trends, and issues of diversity. Not offered every semester.

H 01491 Salmond M HYBRID Full Semester 8:00a-9:00a Th Staff CANVAS
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. This class will be held at Century High School in Santa Ana. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

CDEV 200 – INTRODUCTION TO TECHNOLOGY IN EARLY CHILDHOOD EDUCATION 2.0 UNITS
This course provides students knowledge about and experience with technological tools used in early childhood settings. Students will have the opportunity to evaluate the impact of technology as it relates to growth and development of children and developmentally appropriate practices. Emphasis will be on basic knowledge and practice in a wide variety of current and emerging technologies and how to integrate them in the learning environment.

H 01495 Naman T ONLINE Full Semester 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

CDEV 205 – INTRODUCTION TO CHILDREN WITH SPECIAL NEEDS 3.0 UNITS
Introduces the variations in development of children and adolescents 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.

H 01504 Pruznick J HYBRID Full Semester 4:15p-5:40p Tu Staff CANVAS
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

H 01516 Kimmel M ONLINE Full Semester 08/23-10/17
Fully online accelerated 8-week instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

CDEV 206 – CURRICULUM AND INTERVENTION STRATEGIES 3.0 UNITS
This course focuses on curriculum and intervention strategies for supporting young children's individual needs in partnership with their families. Focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. Includes the role of the teacher as an intentional teacher and professional working with families, collaboration with interdisciplinary teams, and cultural competence.
Prerequisite: Child Development 205 with minimum grade of C.

H 01535 Kass D ONLINE Full Semester 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
CDEV 215 – ADMINISTRATION I: PROGRAMS IN EARLY CHILDHOOD EDUCATION (DS6) 3.0 UNITS
This course is an introduction to the administration of early childhood programs. Students will learn about program types, budget, management, regulations, laws, development and implementation of policies and procedures. Additionally, they will examine administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program.

- **01539**  Nguyen L  HYBRID  08/23-10/17
  - 6:00p-8:30p  M  Staff  CANVAS
  - Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

CDEV 216 – ADMINISTRATION II: PERSONNEL AND LEADERSHIP IN EARLY CHILDHOOD EDUCATION (DS6) 3.0 UNITS
This course provides effective strategies for personnel management and leadership in early care and education settings. Students will learn about legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program.

- **01544**  Deusenberry J  HYBRID  10/18-12/12
  - 6:00p-8:30p  M  Staff  CANVAS
  - Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

CDEV 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.

- **01547**  Cordova M  ONLINE  Full Semester
  - Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

- **01551**  Trahan Grissom L  HYBRID  09/20-12/12
  - 9:15a-11:15a  F  Staff  CANVAS
  - Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

CDEV 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.

- **01553**  Robinson K  RL  Full Semester
  - 6:30p-9:40p  M  Staff  CANVAS
  - Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

- **02523**  Becerra C  ONLINE  08/23-10/17
  - Online accelerated 8 week instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

- **03842**  Seneviratne A  HYBRID  10/18-12/12
  - 6:30p-8:30p  Tu  Staff  CANVAS
  - Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

CDEV 229 – BRAIN DEVELOPMENT AND LEARNING 2.0 UNITS
This class explores the development of the brain for children from birth through adolescence, and how behavior and learning are affected. Brain-based learning strategies will be used to teach new ways of approaching learning including how to understand diverse learning styles. This course is designed for educators, parents, and students who are interested in knowing more about how the brain operates and how environment affects the brain.

- **01556**  Lamourelle C  ONLINE  10/25-12/05
  - Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

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- **ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times
- **HYBRID (H)** Combination of online and live scheduled web or on-campus meetings
- **REMOTE LIVE (RL)** Live scheduled web meetings during published course times
- **REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times
- **FACE TO FACE (F2F)** Meetings are on-campus during published course times

- **Low cost or free textbooks:**
  - **OER**
  - **ZTC**
  - **HONORS**
CDEV 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.

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<tr>
<th>Code</th>
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<th>Instructor</th>
<th>Method</th>
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<tr>
<td>01560</td>
<td>6:30p-9:40p</td>
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<td>Wahl S</td>
<td>Remote Live</td>
<td>Students attend live streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
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<tr>
<td>01558</td>
<td></td>
<td></td>
<td>Kimmel M</td>
<td>ONLINE</td>
<td>09/13-11/07 Online accelerated 8 week instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com</td>
</tr>
</tbody>
</table>

CDEV 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, MMR immunization, and negative TB test will be required.

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<tr>
<td>01774</td>
<td>6:00p-8:05p</td>
<td>Tu</td>
<td>Hardy M</td>
<td>Remote Live</td>
<td>Students attend live streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
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CDEV 298A – PRACTICUM IN EARLY CHILDHOOD PROGRAMS 3.5 UNITS
Under guided supervision in a RSCCD Child Development Center or approved mentor site, students will demonstrate competency in connecting theory to practice, and enhance professional behaviors. Students will plan and implement child-centered, play-oriented approaches to teaching, learning, and assessment. Knowledge of curriculum content areas will be emphasized as students design, implement, and evaluate positive experiences for young children.

Prerequisite: Child Development 107, Child Development 108, Child Development 110, Child Development 111A, Child Development 111B, Child Development 112, and Child Development 221 with a minimum grade of C. By the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.

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<td>02229</td>
<td>6:00p-8:05p</td>
<td></td>
<td>Hardy M</td>
<td>Remote Live</td>
<td>Students attend live streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
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CDEV 298B – PRACTICUM IN INFANT/TODDLER PROGRAMS 3.5 UNITS
Under guided supervision in a RSCCD Child Development Center or approved mentor site, students will demonstrate competency in connecting theory to practice and enhance professional behaviors. Students will plan and implement 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 107, Child Development 108, Child Development 110, Child Development 112, Child Development 116A, Child Development 116B, and Child Development 221 with a minimum grade of C. And by the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.

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<tr>
<td>01772</td>
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<td>Salmond M</td>
<td>ONLINE</td>
<td>Full Semester Fully online instruction. No on-campus meetings required. Students are required to logon to Canvas on the first of classes. rscdd.instructure.com</td>
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<td>01558</td>
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<td></td>
<td>Kimmel M</td>
<td>ONLINE</td>
<td>09/13-11/07 Online accelerated 8 week instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com</td>
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CDEV 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, K-12, and after-school programs. 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.

Open Entry / Open Exit

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<td></td>
<td>Salmond M</td>
<td>ONLINE</td>
<td>Full Semester Fully online instruction. No on-campus meetings required. Students are required to logon to Canvas on the first of classes. rscdd.instructure.com</td>
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</table>

Online accelerated 8 week instruction. No on-campus meeting times. Students are required to logon to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com
SANTA ANA COLLEGE – FALL 2021

CHINESE (CHNS)

CHNS 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.

98343 11:30a-2:00p Tu Satow J HYBRID Full Semester Staff CANVAS
Online instruction with mandatory scheduled live virtual streaming meetings on Canvas on Tuesdays from 11:30 a.m. - 2:00 p.m. Students are required to logon to Canvas for online live streaming sessions on the times and days posted. Students are also required to logon to Canvas on the first day of class. rsccd.instructure.com

COMMUNICATION STUDIES (CMST)

CMST 101 – INTRODUCTION TO INTERPERSONAL COMMUNICATION 3.0 UNITS
Introduction to communication theory, rhetoric, listening, perception, language usage, nonverbal communication, and conflict management. Students participate in oral and written exercises and simulations; these activities are designed to enhance communicative awareness and skills in interpersonal contexts. It is designed to assist students in improving their own interpersonal and oral communication skills.

Recommended Preparation: Completion of or concurrent enrollment in English 101 or English 101H with a minimum grade of C.

00024 10:20a-11:45a M W Cummings R I-103 Full Semester
Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00022 11:55a-1:30p M W Carrell K A-213 Full Semester
00025 11:55a-1:20p M W Wagner S I-103 Full Semester
00036 11:55a-1:20p Tu Th Labreau K C-213 Full Semester
00164 11:55a-1:20p Tu Th Pierce C C-202 Full Semester

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00184 11:55a-1:20p Tu Th Saterfield K C-214 Full Semester
00017 6:00p-9:10p Tu Carrell K C-202 Full Semester
00188 6:40p-9:50p M Ortega V C-214 Full Semester
00015 6:45p-10:05p M W Bugrov M D-210 10/18-12/12
00027 6:45p-10:05p Cummings R ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00028 Cummings R ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00040 Labreau K ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.

00166 Pierce C ONLINE 10/18-12/12
Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
00168 Pierce C ONLINE 08/23-10/17
Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00172 Rehm D ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

00178 Rehm D ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

00180 Saterfield K ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

00187 Saterfield K ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

CMST 101H – HONORS INTRODUCTION TO INTERPERSONAL COMMUNICATION 3.0 UNITS
Introduction to communication theory, rhetoric, listening, perception, language usage, non-verbal communication and conflict management. An enriched approach designed for honors students. Seminar mode stresses the development of analytical thinking, writing, and speaking skills.

00037 11:55a-1:20p Tu Th Labreau K C-213 Full Semester
CMST 102 – PUBLIC SPEAKING 3.0 UNITS
Teaches critical thinking skills in relation to public speaking. Emphasis on the process, principles, and major facets of critical thinking with practice through oral presentations.

00030 7:00a-8:25a M W Jones C C-214 Full Semester
00031 7:00a-8:25a Tu Th Jones C C-214 Full Semester
00176 8:35a-10:00a Tu Th Rehm D C-214 Full Semester
00064 10:20a-11:45a M W Lopez R C-202 Full Semester
00170 10:20a-11:45a Tu Th Pierce C C-207 Full Semester
00013 11:55a-3:15p M W Ayala E I-104 10/18-12/12
00062 11:55a-1:20p M W Lopez R C-213 Full Semester
00163 11:55a-1:20p M W Sifuentes M C-202 Full Semester
00173 11:55a-1:20p Tu Th Rehm D C-207 Full Semester
003160 1:00p-1:50p Tu Th F Lopez R RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

00038 1:40p-3:05p Tu Th Labreau K C-207 Full Semester
00185 2:30p-5:40p Tu Saterfield K C-202 Full Semester
00005 3:20p-4:45p M W Ayala E I-103 Full Semester
03221 3:30p-4:55p Tu Th Cummings R RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

00021 6:45p-10:05p M W Bugrov M C-207 08/23-10/17
00029 Cummings R ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

00041 Labreau K ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
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FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Instructor</th>
<th>Mode</th>
<th>Start Date</th>
<th>End Date</th>
<th>Title</th>
<th>Description</th>
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<tr>
<td>00045</td>
<td>Lockwood L</td>
<td>ONLINE</td>
<td>08/23-10/17</td>
<td></td>
<td>CMST 103 – INTRODUCTION TO INTERCULTURAL COMMUNICATION</td>
<td>A general view of the sociological, psychological, and communication patterns of various cultural groups. Special emphasis on the methods, skills, and techniques necessary for effective intercultural, crosscultural, and interracial communication. Stresses the development of analytical thinking, speaking, and writing skills.</td>
</tr>
<tr>
<td>00047</td>
<td>Lockwood L</td>
<td>ONLINE</td>
<td>10/18-12/12</td>
<td></td>
<td>CMST 103 – INTRODUCTION TO INTERCULTURAL COMMUNICATION</td>
<td>A general view of the sociological, psychological, and communication patterns of various cultural groups. Special emphasis on the methods, skills, and techniques necessary for effective intercultural, crosscultural, and interracial communication. Stresses the development of analytical thinking, speaking, and writing skills.</td>
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<tr>
<td>00174</td>
<td>Rehm D</td>
<td>ONLINE</td>
<td>08/23-10/17</td>
<td></td>
<td>CMST 103 – INTRODUCTION TO INTERCULTURAL COMMUNICATION</td>
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<td>00177</td>
<td>Rehm D</td>
<td>Tu Th</td>
<td>10:20a-11:45a</td>
<td></td>
<td>CMST 140 – ARGUMENTATION AND DEBATE</td>
<td>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.</td>
</tr>
<tr>
<td>00186</td>
<td>Saterfield K</td>
<td>Tu Th</td>
<td>10:20a-11:45a</td>
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<td>CMST 140 – ARGUMENTATION AND DEBATE</td>
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<tr>
<td>00189</td>
<td>Sifuentes M</td>
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<td>3:20p-6:30p</td>
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<td>CMST 140 – ARGUMENTATION AND DEBATE</td>
<td>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.</td>
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<td>00183</td>
<td>Saterfield K</td>
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<td>00057</td>
<td>Lockwood L</td>
<td>M W</td>
<td>8:35a-10:00a</td>
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<td>CMST 145 – GROUP DYNAMICS</td>
<td>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.</td>
</tr>
<tr>
<td>00048</td>
<td>Lockwood L</td>
<td>Tu Th</td>
<td>1:40p-4:50p</td>
<td></td>
<td>CMST 145 – GROUP DYNAMICS</td>
<td>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.</td>
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<td>00061</td>
<td>Lockwood L</td>
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<tr>
<td>00171</td>
<td>Pierce C</td>
<td>Tu Th</td>
<td>1:40p-3:05p</td>
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<td>CMST 145 – GROUP DYNAMICS</td>
<td>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.</td>
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<td>00032</td>
<td>Kanal N</td>
<td>Tu</td>
<td>6:40p-9:50p</td>
<td></td>
<td>CMST 151 – VOICE AND DICTION FOR EFFECTIVE COMMUNICATION</td>
<td>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.</td>
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<tr>
<td>00033</td>
<td>Bennett S</td>
<td>M W</td>
<td>6:40p-9:50p</td>
<td></td>
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<td>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.</td>
</tr>
<tr>
<td>01349</td>
<td>Bennett S</td>
<td>M W</td>
<td>8:35a-10:00a</td>
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<td>COMMUNICATIONS &amp; MEDIA STUDIES (CMSD)</td>
<td>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.</td>
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<td>There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td><strong>CMSD 105 - MASS MEDIA AND SOCIETY</strong></td>
<td>11:55a-1:20p</td>
<td>Tu Th</td>
<td>Bennett S</td>
<td>A-210</td>
<td>Full Semester</td>
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<tr>
<td><strong>CMSD 105 - MASS MEDIA AND SOCIETY</strong></td>
<td>01352</td>
<td></td>
<td>Staff</td>
<td>ONLINE</td>
<td>Full Semester</td>
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

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<th>Course Code</th>
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<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Duration</th>
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<tbody>
<tr>
<td><strong>CMSD 123A - NEWS MEDIA PRODUCTION</strong></td>
<td>12:35p-2:40p</td>
<td>M W</td>
<td>Bennett S</td>
<td>C-207</td>
<td>Full Semester</td>
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</tbody>
</table>

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.

**CMSD 123B - INTERMEDIATE NEWS MEDIA PRODUCTION**

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

**CMSD 123C - ADVANCED INTERMEDIATE NEWS MEDIA PRODUCTION**

An advanced intermediate level production-based course designed around a functioning media organization, providing students practical training in print, digital and Web-based media through work as members of the campus news magazine el Don and its website eldonnews.org. Students utilize a digital laboratory to gain practical experience in a variety of disciplines, including writing, editing, design, photography, audio, visual, multimedia and emerging technologies. Completion of Communicatons & Media Studies 123B required. Arranged laboratory hours (TBA) 10 hours per week.

**CMSD 150 - INTRODUCTION TO PUBLIC RELATIONS**

An exploration of the principles, history and development, and professional practice of modern public relations. Includes concepts of planning and executing effective communication strategies, including message design and distribution, for any organization.

**CMSD 201 - VISUAL REPORTING**

This course stresses how to perceive and select visual images through work with a digital camera, a computer, and related digital media & graphics software. Students learn the 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.

**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

Low cost or free textbooks:

- [OER](#)
- [ZTC](#)
- [HONORS](#)
## CMSD 210 – INTERMEDIATE REPORTING AND NEWSWRITING 3.0 UNITS
This course is a continuation of Introduction to Newswriting and Reporting and focuses on coverage of public affairs reporting, including local and regional government, police, courts, school, and city boards. It includes both on- and off-campus reporting and writing, stressing news presentation for a variety of media purposes through multiple platforms.

**Prerequisite:** Communications & Media Studie 121 with a minimum grade of C.

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<th>Code</th>
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<tbody>
<tr>
<td>01371</td>
<td>12:35p-2:00p</td>
<td>M W</td>
<td>Bennett S</td>
<td>C-207</td>
<td>Full Semester</td>
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## CMSD 222 – WRITING ACROSS MEDIA 3.0 UNITS
For writing students seeking a better understanding of non-fictional prose genres focusing on narrative storytelling techniques for Web, Multimedia and Print. Emphasizes integration of writing skills across media formats.

**Prerequisite:** English 101, 101H or Communications & Media Studies 121 with a minimum grade of C.

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<tr>
<td>01372</td>
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<td>M W</td>
<td>Bennett S</td>
<td>C-207</td>
<td>Full Semester</td>
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## COMPUTER SCIENCE (CMPR)

### CMPR 100 – THE COMPUTER AND SOCIETY 3.0 UNITS
An introduction to the area of computers and their relationship to today's information society. Examines a broad overview of topics including hardware, software, networking, information technology, and the Internet. The student will explore the implication and effect of technology on society, careers, and ethics.

**Software Utilized:** MS Office 2019/365

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<tr>
<td>00397</td>
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Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.

rsccd.instructure.com. There will be no instruction on-campus.

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<th>Code</th>
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<th>Instructor</th>
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<tr>
<td>00398</td>
<td>6:00p-9:10p</td>
<td>W</td>
<td>Sim J</td>
<td>A-206</td>
<td>Full Semester</td>
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This class meets on-campus.

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<td>00399</td>
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<td>00400</td>
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<td>Gadalla A</td>
<td>ONLINE</td>
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

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<td>00401</td>
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<td>Quach N</td>
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Online Degree Pathway course. Registration open for all students.

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<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<td>Gadalla A</td>
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<tr>
<td>00409</td>
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<td>Nguyen H</td>
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<td>Full Semester</td>
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

### CMPR 104 – COOPERATIVE WORK EXPERIENCE EDUCATION-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**

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<tr>
<th>Code</th>
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<td>00411</td>
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Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

### CMPR 105 – VISUAL BASIC PROGRAMMING 3.0 UNITS
Introduction to programming and Visual BASIC. Emphasis on programming fundamentals and the creation of applications with Visual BASIC. No previous programming experience required. Students will write programs on PC compatible computers.

**Software Utilized:** Microsoft Visual Basic.NET

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<tr>
<td>00412</td>
<td>3:20p-4:45p</td>
<td>Tu Th</td>
<td>Sim J</td>
<td>A-206</td>
<td>Full Semester</td>
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This class meets on-campus.
CMPR 112 – JAVA PROGRAMMING
3.0 UNITS
Study of the Java language, its features and applications.
Software Utilized: Java 2 SDK V 1.4.2

CMPR 113 – ADVANCED JAVA
3.0 UNITS
This course will introduce Text Processing, Inheritance, Exception's I/O, Intro and Advanced GUI Applications, Arrays, Advanced Classes and Database Connections using Java Database Connectivity (JDBC). Students should already have knowledge of Java in Decision Making using If Conditional Statements, Basic Loops, Creating Methods and Creating Classes.
Prerequisite: Computer Science 112 with a minimum grade of C.

CMPR 120 – INTRODUCTION TO PROGRAMMING
3.0 UNITS
Introduction to programming concepts including data types, mathematical operations, elementary input/output, and the basic control structures of sequence, selection, iteration, and functions. Program design techniques utilizing structured and object-oriented methodologies will be emphasized.
Prerequisite: Mathematics 083 or Mathematics 084 with a minimum grade of C.

CMPR 121 – PROGRAMMING CONCEPTS
3.0 UNITS
Continuing introduction to programming concepts, development of algorithms utilizing functions, classes, and the primary control structures. Program I/O; strings and arrays; data types; classes, and objects. Documentation techniques.
Prerequisite: Computer Science 120 with a minimum grade of C.
Software Utilized: MS Visual C++.NET

CMPR 125 – HELP DESK FUNDAMENTALS
3.0 UNITS
Introduction to Help Desk "soft skills," 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.
CMPR 129 – INTRODUCTION TO COMPUTER ORGANIZATION 4.0 UNITS
Presents the organization and structure of computers at hardware and software levels: analysis and synthesis of combinatorial and sequential logic, data representation and manipulation, language structures and translation, and process administration and management. Recommended preparation: Computer Science 121 or equivalent.
Prerequisite: Computer Science 120 with a minimum grade of C.
Software Utilized: Pep8

00451  6:00p-10:15p  Th  Morales Lagunes C  A-208  Full Semester
This class meets on-campus.

CMPR 131 – DATA STRUCTURES CONCEPTS 3.0 UNITS
Application of simple Data Structures Concepts (ADT's) including linked structures, stacks, queues, and trees. Use of pointers, recursion, sorting algorithms, classes, and object-oriented programming to implement data structures.
Prerequisite: Computer Science 121 with a minimum grade of C.
Software Utilized: MS Visual C++ .NET

00942  11:55a-1:20p  M W  Quach N  A-208  Full Semester
This class meets on-campus.

CMPR 134 – MICROSOFT WINDOWS OPERATING SYSTEM 3.0 UNITS
Microsoft Windows operating system. Course topics include installation, configuration, application installation and management, hardware configurations, file and information management, security, managing user accounts, networking, digital media, system maintenance and management, desk top management, and utilization of cloud storage.

00469  6:00p-9:10p  Th  Sim J  A-206  Full Semester
This class meets on-campus.

CMPR 138 – 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.

00470  6:00p-9:10p  W  Nguyen H  A-214  Full Semester
This class meets on-campus.

CMPR 140 – DISCRETE STRUCTURES FOR COMPUTER SCIENCE 3.0 UNITS
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.

00472  1:40p-3:05p  M W  Sweeney G  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

CMPR 153 – A+ ESSENTIALS HARDWARE 3.0 UNITS
The A+ Essentials Hardware course maps to CompTIA's A+ Essentials Hardware exam. Course covers topics related to installing, building, upgrading, repairing, configuring, troubleshooting, optimizing, diagnosing, and performing preventive maintenance of basic personal computer hardware. Lecture and hands-on experience in structured labs is included. The A+ Essentials Hardware course teaches necessary competencies for an entry-level IT professional. Topics include Personal Computer Components, Operating Systems, Networks, Security. Lecture and hands-on experience in structured labs is included. The A+ Essentials Hardware course maps to CompTIA's A+ Essentials Hardware exam.

00476  6:00p-9:10p  M  Nguyen H  HYBRID  10/18-12/12
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

CMPR 154 – A+ ESSENTIALS SOFTWARE 3.0 UNITS
The A+ Essentials Software course teaches necessary competencies for an entry-level IT professional. Topics include Personal Computer Components, Operating Systems, Networks, and Security. Lecture and hands-on experience in structured labs is included. The A+ Essentials Software course maps to CompTIA's A+ Essentials exam.

00479  6:00p-9:10p  M  Nguyen H  HYBRID  08/23-10/17
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
CMPR 167 – MICROSOFT ACCESS 3.0 UNITS
Relational Database Management using Microsoft Access. Includes design, creation and maintenance of a RDBMS, reports and form generation, queries, importing and exporting data, macros and modules using Access Basic.
Software Utilized: MS Access 2016

00483 Sim J ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

CMPR 168 – MS SQL DATABASE DEVELOPMENT APPLICATIONS 3.0 UNITS
Provides an introduction to relational database fundamentals and SQL programming skills in the Microsoft environment. Topics covered include relational database architecture, database design techniques, and simple and complex query skills. This course is a continuation of CMPR-167 in utilizing Microsoft Access to analyze large amounts of information and manage related data.
Software Utilized: MS SQLAccess 2016

00484 Sim J ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

CMPR 175 – COMPTIA SECURITY+ GUIDE TO NETWORK SECURITY 3.0 UNITS
This course provides a comprehensive overview of network and information security topics such as threats, attacks, vulnerabilities, application/data/infrastructure security, cryptography, operational/organizational security, risk management, disaster recovery, business continuity, as well as computer forensics. The contents also map to the CompTIA Security+ certification objectives to prepare students for the exam. Recommended Preparation: CMPR 138 with a minimum grade of C.
Recommended Preparation: Computer Science 138 with a minimum grade of C.

00485 6:00p-9:10p Th Nguyen H A-213 Full Semester
This class meets on-campus.

CMPR 247 – WINDOWS SERVER OPERATING SYSTEM 3.0 UNITS
Installation, management, and configuration of Windows Server operating system for managing network environments. Recommended preparation: knowledge of any client-level Windows operating system.

00487 6:00p-9:10p W Hua H RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

COUNSELING (CNSL)

CNSL 100 – LIFELONG UNDERSTANDING AND SELF DEVELOPMENT 2.0 UNITS
Integrates concepts of lifelong understanding pertaining to career choice, educational planning, and self inventory. Skills, values, and interest assessments are utilized. Emphasis is on applying psychological principles to values clarification, goal setting, and decision making. Students analyze social/cultural conditioning and explore successful strategies for living in a diverse society.

01158 8:00a-10:10a F Pineda M RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

01148 10:20a-12:30p M Pastrana L RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

01155 10:20a-11:25a M W Ruiz L RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

01157 10:20a-11:25a Tu Th Cass A RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
<table>
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<tr>
<th>CRN</th>
<th>Time</th>
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<th>Instructor</th>
<th>Location</th>
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<th>Notes</th>
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<tbody>
<tr>
<td>98724</td>
<td>12:35p-2:40p</td>
<td>Tu</td>
<td>Staff</td>
<td>Staff</td>
<td>RL</td>
<td>Full Semester</td>
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<td>PUENTE: Section 98197 is linked to Counseling 100 section 98724, Lifelong Understanding. Enrollment in all sections is mandatory. Please see the Freshman Success page in the class schedule for more information. Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>01152</td>
<td>1:00p-3:05p</td>
<td>W</td>
<td>Vu T</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>03561</td>
<td>1:00p-3:05p</td>
<td>M</td>
<td>Gilmour D</td>
<td>I-108</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>01150</td>
<td>6:00p-7:05p</td>
<td>M W</td>
<td>Pastrana L</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>98726</td>
<td>6:30p-8:35p</td>
<td>Tu</td>
<td>Lopez Ediss C</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>01143</td>
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<td>Aguilar Beltran M</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>01144</td>
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<td>Brown A</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>01146</td>
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<td>Muir S</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>01147</td>
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<td>Nguyen T</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>01153</td>
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<td></td>
<td>Pineda M</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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**REMOTE BLEND (RB)** Live scheduled web & on-campus meetings during published dates and times.

**L** Live scheduled web meetings during published course times.

**FACE TO FACE (F2F)** Meetings are on-campus during published course times.

**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times.

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings.

**Low cost or free textbooks:**

**ZTC** Zero Textbook Cost

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

**CNSL 103 – EDUCATIONAL PLANNING** 0.5 UNIT

For future Nursing students. Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

**CNSL 104 – PERSONAL AND GOAL DEVELOPMENT FOR EDUCATIONAL PLANNING** 1.0 UNIT

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

**CNSL 107 – THE FRESHMAN EXPERIENCE** 3.0 UNITS

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

**CNSL 114 – CAREERS IN TEACHING** 1.0 UNIT

Introduction to the teaching profession, culturally diverse student populations, career ladders and options, academic preparation, experience, credentials required for employment, utilizing career assessments, principles of goal setting, and exposure to teaching environments and teaching professionals. Students will formulate a career objective and develop an educational plan.

**CNSL 116 – CAREER/LIFE PLANNING AND PERSONAL EXPLORATION** 3.0 UNITS

This course is designed to assist students in successfully establishing and achieving education, career, and life goals. Students are guided through a reflective process that focuses on values, interests, personality, skills, and learning styles. Career and education options are researched, and students are exposed to college resources and support services. Decision making models and goal setting techniques are examined and will be used to develop short and long term education, and career and life plans.

Material Fee(s): $16.00

Dual-Enrollment: Santiago High School  Material Fee: $16.00

**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

Low cost or free textbooks:

**OER**

**ZTC**

**HONORS**

ULINK: Section 98729, Counseling 107 is linked to ENGL 101H, Section 99203 and ANTH 100H, Section 98706. Enrollment in all sections is mandatory. Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

ULINK: Section 98730, Counseling 107 is linked to MUS 103, Section 01009. Enrollment in all sections is mandatory. Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

ULINK: Section 98731, Counseling 107 is linked to ENGL 101, Section 98182. Enrollment in all sections is mandatory. Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
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<th>Instructor</th>
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<tr>
<td>98769</td>
<td>8:35a-11:45a</td>
<td>F</td>
<td>Nguyen T</td>
<td>RL</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
</tr>
<tr>
<td>98763</td>
<td>10:20a-11:45p</td>
<td>M W</td>
<td>Huynh J</td>
<td>RL</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>98767</td>
<td>10:20a-11:45a</td>
<td>Tu Th</td>
<td>Cass A</td>
<td>RL</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>98768</td>
<td>11:55a-12:00p</td>
<td>Tu Th</td>
<td>Kelley M</td>
<td>I-108</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>02958</td>
<td>1:00p-2:00p</td>
<td>Tu W Th F</td>
<td>Vazquez M</td>
<td>CHS-430</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Dual-Enrollment: Century High School Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>03305</td>
<td>1:00p-2:00p</td>
<td>Tu W Th F</td>
<td>Staff</td>
<td>CHS-430</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Dual-Enrollment: Century High School Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>03310</td>
<td>1:00p-1:50p</td>
<td>M W</td>
<td>Staff</td>
<td>STHS</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Dual-Enrollment: Santiago High School Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>02965</td>
<td>3:00p-4:25p</td>
<td>Tu Th</td>
<td>Olivos R</td>
<td>SAM</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Dual-Enrollment: Samueli Academy Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>03307</td>
<td>3:00p-4:25p</td>
<td>Tu Th</td>
<td>Staff</td>
<td>SAM</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Dual-Enrollment: Samueli Academy Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>98764</td>
<td>3:20p-4:45p</td>
<td>M W</td>
<td>Hurtado A</td>
<td>RL</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>98766</td>
<td>5:10p-6:35p</td>
<td>M W</td>
<td>Chew H</td>
<td>RL</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>98756</td>
<td>7:00p-10:10p</td>
<td>M</td>
<td>Peraza D</td>
<td>I-108</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>98735</td>
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<td>Meckes A</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>98737</td>
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<td>Nguyen T</td>
<td>ONLINE</td>
<td>08/23-10/17</td>
<td>Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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**Notes:**
- **FACE TO FACE (F2F):** Meetings are on-campus during published course times
- **REMOTE LIVE (RL):** Live scheduled web meetings during published course times
- **REMOTE BLENDED (RB):** Live scheduled web & on-campus meetings during published dates and times
- **ONLINE (O):** Time-flexible online lecture and materials with no scheduled meeting times
- **HONORS:** Low cost or free textbooks:
  - **OER:** Free textbook and Open Educational Resources
  - **ZTC:** Zero Textbook Costs

- Dual-Enrollment:
  - **Century High School:** Material Fee: $16.00 Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
  - **Samueli Academy:** Material Fee: $16.00 Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
  - **Santiago High School:** Material Fee: $16.00 Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- **Material Fee:** $16.00
CNSL 144 – REASONING AND PROBLEM SOLVING 3.0 UNITS
The nature of critical thinking, models and strategies; common fallacies of reasoning, self-regulation in the thinking process; application of critical thinking to complex issues of life.

CNSL 121 – INTRODUCTION TO STEM STUDY SKILLS 1.0 UNIT
This course is designed to introduce specialized study techniques for students in science, technology, engineering, and math courses. Effective learning processes will be examined through facilitated, structured peer interaction; time management; and overcoming obstacles to achievement in rigorous coursework.

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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Material Fee: $16.00 Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Material Fee: $16.00 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
- OER
- ZTC
- HONORS

CNSL 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.

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<th>Instructor</th>
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CNSL 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.

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<td>98782</td>
<td>6:00p-9:10p</td>
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<td>9:15a-11:15a</td>
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<td>HYBRID</td>
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CNSL 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.

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<th>CRN</th>
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<th>Instructor</th>
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CRIMINAL JUSTICE (CJ)

CJ 101 – INTRODUCTION TO CRIMINAL JUSTICE 3.0 UNITS
This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces that have shaped those principles and approaches. Although justice structure and process are examined in a cross cultural context, emphasis is placed on the US justice system, particularly the structure and function of US police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies.

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<th>CRN</th>
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<th>Instructor</th>
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<td>Gonis Jr A</td>
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ONLINE instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

rsccd.instructure.com
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS

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SANTA ANA COLLEGE – FALL 2021  Page 107

00209  10:20a-11:45a  M W  Gonis Jr A  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

00274  10:20a-11:45a  Tu Th  Huskey J  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

00246  6:40p-9:50p  M  Huskey J  R-128  Full Semester

00278  7:00p-10:10p  Th  Kraus E  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

00279  5:10p-6:35p  M W  Huskey J  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

00248  11:55a-1:20p  M W  Gonis Jr A  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

00272  11:55a-1:20p  Tu Th  Huskey J  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

00218  11:55a-1:20p  Tu Th  Huskey J  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

00295  6:40p-9:50p  M  Batth G  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

00437  6:40p-9:50p  W  Huskey J  R-128  Full Semester

00242  8:35a-11:45a  F  Maiocco M  R-128  Full Semester

CJ 102 – INTRODUCTION TO CORRECTIONS  3.0 UNITS
An introductory course in corrections in the criminal justice system. Emphasis on history, types, analysis, alternatives, and impacts of punishment. Critical examination of types of correctional institutions and persons housed in them, and examination of current issues and challenges in the corrections field.

CJ 103 – CONCEPTS OF CRIMINAL LAW  3.0 UNITS
Analysis of criminal liability and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. Limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crimes.

CJ 105 – LEGAL ASPECTS OF EVIDENCE  3.0 UNITS
This course examines categories of evidence and legal rules governing its admission and exclusion in the criminal process.

CJ 107 – PRINCIPLES AND PROCEDURES IN THE CRIMINAL JUSTICE SYSTEM  3.0 UNITS
An examination and analysis of due process in criminal proceedings from pre-arrest through trial and appeal, utilizing statutory law and state and constitutional law precedents.

CJ 108 – CRIME SCENE INVESTIGATION  3.0 UNITS
An introduction to the role of forensics in criminal investigations. An examination of the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents, and controlled substances.
CJ 109 – COMMUNITY INTERACTION 3.0 UNITS
Examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict, with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in culture, religion, and law.

R 00216 10:20a-11:45a Tu Th Gonis Jr A RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

CJ 209 – ORGANIZED CRIME 3.0 UNITS
In-depth study of the development and methodology of international organized crime. Host countries and areas include: Italy, Sicily, Japan, China, Colombia, Mexico, Russia, Haiti, Cayman Islands, and Caribbean. Emphasis on economic and societal impacts on the United States.

R 00292 6:40p-9:50p Tu Boykins G RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

CJ 220 – JUVENILE DELINQUENCY AND CONTROL 3.0 UNITS
An examination of the origin, development, and organization of the juvenile justice system. Explores the theories that focus on juvenile law, courts, and processes, and the constitutional protections extended to juveniles within the US justice system.

P 00293 8:35a-11:45a M Jenkins M R-126 Full Semester

CRIMINAL JUSTICE ACADEMIES (CJA)

CJA 009B – FITNESS FOR LAW ENFORCEMENT 0.1 UNIT
Fitness training designed specifically for law enforcement applicants and those with an interest in entering a law enforcement basic police academy program.
Open Entry / Open Exit

P 99890 6:00p-9:00p M Stevens H CJTC-SD 08/23-09/20
8:00a-12:00p Sa CJTC-SD

CJA 010 – PRE-EMPLOYMENT PREPARATION FOR LAW ENFORCEMENT 1.5 UNITS
This course is designed to prepare students to successfully complete a law enforcement pre-employment application and testing procedures.

P 99894 8:00a-12:00p Sa Stevens H CJTC-SD 10/05-10/31
5:30p-9:30p Tu Th Staff CJTC-SD

CJA 026A – TRAINING ACADEMY PREPARATION 0.2 UNIT
This course is designed to prepare the student for the Basic Law Enforcement Academy (OCSA). It will include drill, ceremony, physical training, reporting, and speeches.
Open Entry / Open Exit

P 99893 7:00a-4:00p Sa Stevens H CJTC-SD 09/25-10/02

CJA 050 – INTRODUCTION TO DRONE LAWS 0.5 UNIT
An introduction to drone laws for first responder, public safety, commercial and recreational drone users. Topics include the application of federal, state and local laws, third party liability issues, and basics of public safety drone law issues.

P 02497 7:00a-12:00p Sa Staff OCSD 09/18-09/18
1:00p-5:00p Sa OCSD

P 02500 7:00a-12:00p Sa Staff OCSD 10/16-10/16
1:00p-5:00p Sa OCSD

CJA 099 – OCSD BASIC PRE-ACADEMY 2.5 UNITS
The course is designed to familiarize students with the duties and responsibilities associated with attending a basic police academy. Course instruction will include Drill and Ceremony, Introduction to Report Writing, Academy Protocol, Physical Training, and Program Overview.
Open Entry / Open Exit

P 02182 7:00a-1:00p M Tu Staff CJTC-SD 10/04-10/22
7:00a-4:00p W Th F CJTC-SD

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
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FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
CJA 099A – BASIC POLICE ACADEMY 29.5 - 31.5 UNITS
Student will receive instruction in all areas of criminal justice, as required by California Peace Officers Standards and Training (CA POST), for entry-level law enforcement officers. This course is offered in partnership with the Orange County Sheriff's Department.

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<thead>
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<th>Code</th>
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<th>Day(s)</th>
<th>Staff</th>
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CULINARY ARTS (CULN)

CULN 100 – INTRODUCTION TO CULINARY ARTS AND HOSPITALITY 3.0 UNITS
Practices and procedures for individuals interested in a career in the Culinary Arts and Hospitality or allied fields. Includes field trips to industry sites and interaction with professionals in the field.

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This class is taught face-to-face at the Orange County School of the Arts (OCSA), located at 1010 North Main Street, Santa Ana, CA, 92701.

CULN 110 – FOOD SAFETY AND SANITATION 2.0 UNITS
Sanitation practices affecting individual operations. Prevention and control of foodborne illnesses through flow of food and HACCP management.

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CULN 120 – INTRODUCTION TO CULINARY SKILLS & PRINCIPLES 3.0 UNITS
Students will explore the fundamental skills of food preparation, kitchen organization, and basic cooking techniques, emphasizing in quality and professional standards used in a modern commercial kitchen. Laboratory work will include knife skills, stocks, broths, soups, sauces, and basic cooking techniques for vegetables, starches, meat, seafood, and poultry.

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CULN 140 – INTRODUCTION TO BAKING & PASTRY 3.0 UNITS
This course covers fundamental baking skills for students who intend to specialize in baking and pastry making for commercial production. Production of yeast and quick breads, cakes, cookies, pies, and pastries, as well as decorating and icings are undertaken. Gourmet baked items and pastries are produced in a time-restricted quality-minded setting. This course is for students pursuing a career in culinary arts/culinary management, and will prepare students for entry level baking position in the food industry as a baker or pastry chef.

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Remote Blended. Students attend virtually on Canvas and meet for on-campus Lab instruction during the days and times indicated. The Lab will be held at Santa Ana Valley High School. This course has a prerequisite that can be waived if student holds a valid Food Handler's Card. Please email Tiffany Heremans (heremans_tiffany@sac.edu) for more information.

Low cost or free textbooks:
- OER
- ZTC
- HONORS
CULN 230 – HEALTHY AMERICAN CUISINE 2.0 UNITS
This course will be a culinary tour of America including food identification and traditional cooking methods with a healthy alternative. This course focuses on a regional perspective of healthy American cuisine. Students will have the opportunity to produce regional specialties while researching the influence of culture. Students participating in the Culinary Arts cooking courses MUST provide proof of negative TB skin test (or normal chest x-ray within the past 4 years).

CULN 240 – VEGETARIAN CUISINE 2.0 UNITS
This course develops an understanding of the basic principles and techniques of vegetarian (lacto, ovo-lacto, vegan, and raw foods) food preparation. Students participating in the Culinary Arts cooking courses MUST provide proof of negative TB skin test (or normal chest x-ray within the past 4 years).

CULN 299 – COOPERATIVE WORK EXPERIENCE EDUCATION 1.0 - 4.0 UNITS
This work experience course of supervised employment assists students to acquire desirable work habits, attitudes and skills in culinary arts. 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. Student repetition is allowed per Title 5, Section 55253. 
Prerequisite: Six units completed in Culinary Arts or Nutrition & Food degree/certificate courses.

DANCE (DNCE)

DNCE 009A – DANCE LABORATORY I 0.5 UNIT
Studio rehearsal time, emphasizing progressive development in the creation of dance concert productions, repertory performances, and/or choreographic projects. Beginning level assignments change every semester. 27 hour earns 0.5 unit. Requires audition or instructor approval prior to enrollment.

DNCE 009B – DANCE LABORATORY II 0.5 UNIT
Studio rehearsal time, emphasizing progressive development in the creation of dance concert productions, repertory performances and/or choreographic projects. Beginning-intermediate level assignments change every semester. 27 hour earns 0.5 unit. Requires audition or instructor approval prior to enrollment.

DNCE 009C – DANCE LABORATORY III 0.5 UNIT
Studio rehearsal time, emphasizing progressive development in the creation of dance concert production, repertory performances, and/or choreographic projects. Intermediate level assignments change every semester. 

Prerequisite: Dance 009B with a minimum grade of C.

Low cost or free textbooks:
- OER
- ZTC
- HONORS
DNCE 009D – DANCE LABORATORY IV 0.5 UNIT
Studio rehearsal time, emphasizing progressive development in the creation of dance concert production, repertory performances, and/or choreographic projects. Intermediate-advanced level assignments change every semester. Prerequisite: Dance 009C with a minimum grade of C.
Open Entry / Open Exit

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FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS

DNCE 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.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

DNCE 102 – INTRODUCTION TO DANCE FORMS 3.0 UNITS
An introduction to historical and contemporary dance forms through lecture and activity. Experience in ballet, modern, jazz, hip-hop, improvisation, folk, ethnic and/or ritual dance styles. Recommended for future teachers.

DNCE 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.

DNCE 107 – DANCE CONCERT PERFORMANCE 1.0 UNIT
Formal dance concert performance experience for dance students. Includes both rehearsal process and a minimum of three on-stage public performances.

DNCE 110 – BEGINNING MEXICAN FOLK DANCE 1.0 UNIT
Introduces techniques, forms, and regional/historical backgrounds of dances from various regions of Mexico. Students will perform at least 3 different traditional dances.

DNCE 111 – INTERMEDIATE MEXICAN FOLK DANCE 1.0 UNIT
Continued study of techniques, forms, and regional/historical backgrounds of dances from various regions of Mexico. Students will perform at least 3 different and more complex traditional dances. Recommended Preparation: Dance 110 with a minimum grade of C.
DNCE 112 – ETHNIC DANCE 1.0 UNIT
Introduction to the dance movement and techniques of selected ethnic groups from around the world, with emphasis on skill development and cultural/historical context. Focus chosen from African dance, Asian court or folk dance, dance forms from India, European folk dance, or Polynesian dance. No experience necessary.

Hybrid course. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

DNCE 120A – INTRODUCTION TO HIP-HOP DANCE 1.0 UNIT
An introduction to Hip-Hop dance emphasizing movement technique, dance vocabulary and creative expression. Includes learning routines and the history and culture of Hip-Hop dance. No prior experience necessary.

Hybrid course. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

DNCE 120B – INTERMEDIATE HIP-HOP DANCE 1.0 UNIT
A continuation of the study of Hip-Hot dance emphasizing movement technique, dance vocabulary and creative expression. Includes more complicated movements, advanced dance combinations and an overview of the historical and cultural context of Hip-Hop. Beginning Hip-Hop recommended.

Hybrid course. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

DNCE 201A – BALLET I 2.0 UNITS
Beginning level I ballet technique and terminology, including basic barre work, center work, and combinations en diagonale. Includes basic alignment, use of turnout, coordination, and ballet terminology. Dance 201A prepares the student for Dance 201B.

DNCE 201B – BALLET II 2.0 UNITS
Continuation of beginning ballet technique and terminology, including barre work, center work, and combinations en diagonale. Includes basic alignment, use of turnout, coordination, and ballet terminology for level II. Dance 201B utilizes additional combination work and prepares the student for Dance 213. Recommended Preparation: Dance 201A with a minimum grade of C.

DNCE 202A – CHOREOGRAPHY 3.0 UNITS
A class for the general student interested in dance that defines and explores the elements involved in creating a dance. Students will develop basic choreographic skills and apply those skills to express their ideas through dance movement. Compositions created by students will be performed in the studio. Open to non-majors.

DNCE 202B – CHOREOGRAPHY FOR DANCE MAJORS 3.0 UNITS
A composition class for dance majors which defines and explores the elements involved in creating a dance. Students will develop choreographic skills emphasizing individual expression of ideas through dance movement. Advanced level assignments of solo and group compositions are created by dance major students and performed in the dance studio.
DNCE 204A – DANCE PRODUCTION I 2.0 UNITS
Concert dance production experience culminating in public performances in Phillips Hall Theatre as part of the Spring Student/Faculty Dance Concert. Includes production basics, with an emphasis on performance techniques and working with faculty/student choreographers to create original dances. By audition only prior to enrollment.

00444 2:45p-4:10p Tu Th Gillette H G-108 Full Semester
4:10p-4:40p Tu Th Gillette H G-108

DNCE 204B – DANCE PRODUCTION II 2.0 UNITS
Concert dance production experience culminating in public performances in Phillips Hall Theatre as part of the Spring Student/Faculty Dance Concert. Includes production basics, with an emphasis on choreography to create original dances. By audition only prior to enrollment.
Prerequisite: Dance 202B with a minimum grade of C or by audition only.

00446 2:45p-4:10p Tu Th Gillette H G-108 Full Semester
4:10p-4:40p Tu Th Gillette H G-108

DNCE 204C – DANCE PRODUCTION III 2.0 UNITS
Continued study and refinement of concert dance production experience culminating in public performances in Phillips Hall Theater as part of the Spring Student/Faculty Dance Concert. Includes production elements, with an emphasis on performance techniques and working with student and/or faculty choreographers to create original dances. By audition only prior to enrollment.

00460 2:45p-4:10p Tu Th Gillette H G-108 Full Semester
4:10p-4:40p Tu Th Gillette H G-108

DNCE 204D – DANCE PRODUCTION IV 2.0 UNITS
Continued refinement and development of concert dance production experience culminating in public performances in Phillips Hall Theater as part of the Spring Student/Faculty Dance Concert. Includes production elements with an emphasis on choreography to create original dances. By audition only prior to enrollment.

00459 2:45p-4:10p Tu Th Gillette H G-108 Full Semester
4:10p-4:50p Tu Th Gillette H G-108

DNCE 206A – MODERN DANCE I 2.0 UNITS
A beginning level modern dance class 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 dance combinations. Prepares the student for Dance 206B.

00461 10:35a-12:00p Tu Th Gillette H G-108 Full Semester
12:00p-12:30p Tu Th Gillette H G-108

DNCE 206B – MODERN DANCE II 2.0 UNITS
Continued study in modern dance emphasizing movement technique, dance vocabulary, and creative individual expression. Includes an introduction to somatic approaches to dance training to support body connectivity. Dance 206B is a continuation and refinement of learning longer dance combinations at the beginning-intermediate level. Recommended Preparation: Dance 206A with a minimum grade of C.

00462 10:35a-12:00p Tu Th Gillette H G-108 Full Semester
12:00p-12:30p Tu Th Gillette H G-108

00463 10:35a-12:00p M W White A G-108 Full Semester
12:00p-12:30p M W White A G-108

DNCE 209 – MODERN DANCE III 2.0 UNITS
Provides the continuing modern dance student opportunity to concentrate on more advanced steps and development of technical skills and somatic approaches to dance at the intermediate level. Emphasizes combinations, choreography, and performance style. Dance 206A/206B recommended. Recommended Preparation: Dance 206A and/or Dance 206B with a minimum grade of C.

00466 10:35a-12:00p M W White A G-108 Full Semester
12:00p-12:30p M W White A G-108

DNCE 210 – MODERN DANCE IV 2.0 UNITS
Continuing study of modern dance technique including more complicated combinations and advanced material. Emphasizes somatic approaches to dance training, performance expression, and comparison of modern dance styles. Recommended Preparation: Dance 209 with a minimum grade of C.

00468 10:35a-12:00p M W White A G-108 Full Semester
12:00p-12:30p M W White A G-108
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNCE 213 – BALLET III</td>
<td>2.0 UNITS</td>
<td>Continued study of ballet technique and terminology of the intermediate level. Course includes center adagio, jumps with beats, pirouettes, and movement combinations. Intermediate variations are also learned and performed in class. Recommended Preparation: Dance 201B with a minimum grade of C.</td>
<td></td>
</tr>
<tr>
<td>00475</td>
<td>12:40p-2:05p</td>
<td>Tu Th</td>
<td>Allgaier J</td>
</tr>
<tr>
<td>00476</td>
<td>2:05p-2:35p</td>
<td>Tu Th</td>
<td>Allgaier J</td>
</tr>
</tbody>
</table>

**DNCE 214 – BALLET IV**  
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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNCE 219A – JAZZ DANCE I</td>
<td>2.0 UNITS</td>
<td>Beginning level 1 jazz dance emphasizing movement technique, vocabulary, and creative expression. Includes an introduction to choreographic principles and cultural context of jazz dance. Historical and contemporary forms are studied.</td>
<td></td>
</tr>
<tr>
<td>00499</td>
<td>4:50p-6:15p</td>
<td>Tu Th</td>
<td>Alduenda L</td>
</tr>
<tr>
<td>00500</td>
<td>6:15p-6:45p</td>
<td>Tu Th</td>
<td>Alduenda L</td>
</tr>
</tbody>
</table>

**DNCE 219B – JAZZ DANCE II**  
Continued study in beginning jazz dance emphasizing movement technique, vocabulary and creative expression. Includes an introduction to choreographic principles and cultural context of jazz dance. Historical and contemporary forms are studied. Recommended Preparation: Dance 219A with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNCE 220 – JAZZ DANCE III</td>
<td>2.0 UNITS</td>
<td>Instruction for the continuing jazz dance student in intermediate jazz steps and further development of technical skills. Emphasis will be placed on combinations, choreography, performance style, and cultural context of jazz. Historical and contemporary forms are studied. Recommended Preparation: Dance 219B with a minimum grade of C.</td>
<td></td>
</tr>
<tr>
<td>00502</td>
<td>4:50p-6:15p</td>
<td>M W</td>
<td>Alduenda L</td>
</tr>
<tr>
<td>00503</td>
<td>6:15p-6:45p</td>
<td>M W</td>
<td>Alduenda L</td>
</tr>
</tbody>
</table>

**DNCE 221 – JAZZ DANCE IV**  
Continuing study of jazz dance concentrating on intermediate-advanced combinations with emphasis on movement technique, vocabulary, and performance style. Includes study of choreography, cultural context of jazz, and comparisons of historical and contemporary jazz styles. Recommended Preparation: Dance 220 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNCE 240A – REPERTORY I</td>
<td>2.0 UNITS</td>
<td>Students develop rehearsal and performance skills through learning a repertoire of dances. Includes preparation for public concerts and performances at different venues. Dances vary each semester. Requires audition prior to enrollment.</td>
<td></td>
</tr>
<tr>
<td>03610</td>
<td>2:45p-4:10p</td>
<td>Tu Th</td>
<td>Gillette H</td>
</tr>
<tr>
<td>03611</td>
<td>4:10p-4:40p</td>
<td>Tu Th</td>
<td>Gillette H</td>
</tr>
</tbody>
</table>

**DNCE 240B – REPERTORY II**  
Continued refinement of rehearsal and performance skills through learning a more difficult repertoire of dances. Includes preparation for public concerts and performances at different venues. Dances vary each semester. Requires audition prior to enrollment.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>03612</td>
<td>2:45p-4:10p</td>
<td>Tu Th</td>
<td>Gillette H</td>
</tr>
<tr>
<td>03613</td>
<td>4:10p-4:40p</td>
<td>Tu Th</td>
<td>Gillette H</td>
</tr>
</tbody>
</table>

**Course Delivery Options**

- **ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times
- **HYBRID (H)** Combination of online and live scheduled web or on-campus meetings
- **REMOTE LIVE (RL)** Live scheduled web meetings during published course times
- **REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times
- **FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- **OER**
- **ZTC**
- **HONORS**
DNCE 240C – REPERTORY III 2.0 UNITS
Students learn intermediate-advanced performance skills through small group, duet and/or solo repertoire. Includes preparation for public concerts and performances at different venues. Dances vary each semester. Requires audition prior to enrollment.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>03613</td>
<td>2:45p-4:10p</td>
<td>Tu Th</td>
<td>Gillette H</td>
<td>G-108</td>
</tr>
<tr>
<td></td>
<td>4:10p-4:40p</td>
<td>Tu Th</td>
<td>Gillette H</td>
<td>G-108</td>
</tr>
</tbody>
</table>

DNCE 240D – REPERTORY IV 2.0 UNITS
Continued study in intermediate-advanced performance skills through small group, duet and/or solo repertoire. Includes preparation for public concerts and performances at different venues. Dances vary each semester. Requires audition prior to enrollment.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>03614</td>
<td>2:45p-4:10p</td>
<td>Tu Th</td>
<td>Gillette H</td>
<td>G-108</td>
</tr>
<tr>
<td></td>
<td>4:10p-4:40p</td>
<td>Tu Th</td>
<td>Gillette H</td>
<td>G-108</td>
</tr>
</tbody>
</table>

DNCE 250A – HIP HOP DANCE I 2.0 UNITS
Introduction to hip-hop dance emphasizing movement technique, vocabulary, and creative expression. Includes an introduction to choreographic principles, improvisation, and cultural context of hip-hop.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>00504</td>
<td>7:00p-8:25p</td>
<td>Tu Th</td>
<td>Estrada-Romero J</td>
<td>G-108</td>
</tr>
<tr>
<td></td>
<td>8:25p-8:55p</td>
<td>Tu Th</td>
<td>Estrada-Romero J</td>
<td>G-108</td>
</tr>
</tbody>
</table>

DNCE 250B – HIP-HOP DANCE II 2.0 UNITS
Continued study in hip-hop dance emphasizing movement technique, vocabulary, and creative expression. Includes improvisation, more difficult combinations, student compositions, and the cultural context of hip-hop. Movement repertoire differs from 250A.
Recommended Preparation: Dance 250A with a minimum grade of C.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>00505</td>
<td>7:00p-8:25p</td>
<td>Tu Th</td>
<td>Estrada-Romero J</td>
<td>G-108</td>
</tr>
<tr>
<td></td>
<td>8:25p-8:55p</td>
<td>Tu Th</td>
<td>Estrada-Romero J</td>
<td>G-108</td>
</tr>
</tbody>
</table>

DNCE 251 – HIP-HOP DANCE III 2.0 UNITS
Instruction for the continuing dance student in intermediate level hip-hop dance technique and further development of performance skills. Emphasis will be placed on combinations, choreography, performance style, and cultural context of hip-hop.
Recommended Preparation: Dance 250B with a minimum grade of C.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>00506</td>
<td>7:00p-8:25p</td>
<td>Tu Th</td>
<td>Estrada-Romero J</td>
<td>G-108</td>
</tr>
<tr>
<td></td>
<td>8:25p-8:55p</td>
<td>Tu Th</td>
<td>Estrada-Romero J</td>
<td>G-108</td>
</tr>
</tbody>
</table>

DIESEL (DSL)

DSL 115 – HEAVY DUTY MOBILE HYDRAULICS 3.0 UNITS
This course presents the operation and service procedures for hydraulic devices found on heavy-duty diesel equipment and trucks. Hands-on procedures are emphasized. Student must furnish approved safety glasses.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>01863</td>
<td>6:00p-7:20p</td>
<td>M W</td>
<td>Lopez Garcia L</td>
<td>J-109-3</td>
</tr>
<tr>
<td></td>
<td>7:30p-9:35p</td>
<td>M W</td>
<td>Lopez Garcia L</td>
<td>J-109-3</td>
</tr>
</tbody>
</table>

DSL 121 – DIESEL ENGINES 4.5 UNITS
Service, repair, rebuilding, diagnosing, operation, function, and features of diesel engines. Hands-on procedures and safety emphasized. Student must furnish approved safety glasses. Field trips may be required.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>01862</td>
<td>6:00p-7:25p</td>
<td>M W</td>
<td>Vasilik R</td>
<td>J-109-3</td>
</tr>
<tr>
<td></td>
<td>7:35p-10:00p</td>
<td>M W</td>
<td>Vasilik R</td>
<td>J-109-3</td>
</tr>
</tbody>
</table>

DSL 161 – ELECTRICAL/ELECTRONIC SYSTEMS 5.0 UNITS
Diagnosis, service, and repair procedures for starting, charging, lighting, instruments, and multiplex systems. Wiring schematics, safety, and hands-on procedures are emphasized. Students must furnish approved safety glasses.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>01554</td>
<td>8:00a-9:50a</td>
<td>Tu Th</td>
<td>Cavanaugh J</td>
<td>J-109-3</td>
</tr>
<tr>
<td></td>
<td>10:00a-12:25p</td>
<td>Tu Th</td>
<td>Cavanaugh J</td>
<td>J-109-3</td>
</tr>
</tbody>
</table>

DSL 181 – PREVENTATIVE MAINTENANCE INSPECTION 3.0 UNITS
This course provides the student with basic knowledge and skills in medium and heavy duty truck maintenance. Safety, inspections, and hands-on practice are emphasized. This course helps students prepare for the T8 ASE exam.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>01561</td>
<td>8:00a-11:10a</td>
<td>W</td>
<td>Rudd J</td>
<td>HYBRID</td>
</tr>
</tbody>
</table>

Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

Low cost or free textbooks:
- OER
- ZTC
- HONORS

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
## Digital Media (DM)

### DM 100 – Introduction to Electronic Media: TV, Radio, Film, and the Internet 3.0 Units
Survey of historical development, impact, and business practices of TV, radio, film, and the Internet. Emphasizes career opportunities and basic studio operations.

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>Meeting Format</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 100</td>
<td>Taylor M</td>
<td>ONLINE</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

### DM 102 – History of Global Cinema 3.0 Units
A survey course exploring global cinema as an art form, and developing appreciation of historical, artistic, and technical advances from the 1890s to the present, with focus on cinema from around the world.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 102</td>
<td>10:00a-1:10p</td>
<td>Tu</td>
<td>Hall J</td>
<td>A-130</td>
<td>3.0</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 107</td>
<td>10:00a-1:10p</td>
<td>Th</td>
<td>Lunel E</td>
<td>A-130</td>
<td>3.0</td>
</tr>
</tbody>
</table>

### DM 104 – History of Film from 1945 to Present 3.0 Units
A lecture/visual aids course exploring film as an art form and developing appreciation of historical, artistic, and technical advances.

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>Meeting Format</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 104</td>
<td>Taylor M</td>
<td>ONLINE</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

### DM 105 – History of Latin American Cinema 3.0 Units
A survey course exploring Latin-American cinema as an art form, and developing appreciation of historical, artistic, and technical advances from the 1890s to the present, aimed at fostering a lasting engagement with both film culture and Latin America.

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 105</td>
<td>Kumar A</td>
<td>10:00a-1:10p</td>
<td>Th</td>
<td>A-130</td>
<td>3.0</td>
</tr>
</tbody>
</table>

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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<th>Location</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 107</td>
<td>Kumar A</td>
<td>10:00a-1:10p</td>
<td>Th</td>
<td>Lunel E A-130</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Introduction to live, multi-camera production of television programs and operation of studio 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 for multi-camera productions.

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM 110</td>
<td>Taylor M</td>
<td>1:15p-2:05p</td>
<td>Tu Th</td>
<td>DMC-135</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Low cost or free textbooks:
- OER
- ZTC
- HONORS
DM 112 – INTRODUCTION TO VIDEO EDITING AND POSTPRODUCTION 3.0 UNITS
Fundamental methods and techniques used to edit video for TV, film, web and multimedia. Hands-on training in basic operation of digital, non-linear editing system and software.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>03672</td>
<td>2:15p-3:05p</td>
<td>M W</td>
<td>Staff</td>
<td>OCSA</td>
<td>Full Semester</td>
</tr>
<tr>
<td>01672</td>
<td>4:25p-5:15p</td>
<td>Tu Th</td>
<td>Lunel E</td>
<td>DMC-204</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

DM 115A – SINGLE-CAMERA PRODUCTION AND EDITING 3.0 UNITS
Fundamental approaches and techniques utilized in single-camera production for television, film, web and multimedia. Hands-on training in operation of portable digital video and audio production equipment, as well as lighting.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
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<td>03930</td>
<td>2:35p-3:25p</td>
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<td>03835</td>
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<td>M W</td>
<td>Staff</td>
<td>DMC-204</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

DM 120 – BEGINNING SCREENWRITING FOR DIGITAL MEDIA 3.0 UNITS
Designed to acquaint students with fundamental approaches to 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
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<td>ONLINE</td>
<td>Full Semester</td>
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</tbody>
</table>

DM 121 – INTERMEDIATE SCREENWRITING FOR DIGITAL MEDIA 3.0 UNITS
Explores professional requirements for scriptwriters and their relationship to the production, direction and development of scripts for TV, film, the web, corporate videos and digital media. Strengthens fundamental writing skills. Prior enrollment in DM 120 recommended.

Recommended Preparation: Digital Media 120 with a minimum grade of C.

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<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
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<td>W</td>
<td>Staff</td>
<td>DMC-103</td>
<td>Full Semester</td>
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</tbody>
</table>

DM 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.

Prerequisite: Art 195 or Digital Media 195 with a minimum grade of C or contact instructor for portfolio review. A portfolio exhibiting equivalent to above listed prerequisite skillset.

Material Fee(s): $15.00

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<tr>
<th>Course Code</th>
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<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
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<td>M W</td>
<td>McMillan J</td>
<td>DMC-104</td>
<td>Full Semester</td>
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</tbody>
</table>

DM 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.

Recommended Preparation: Digital Media 195 or Arts 195 with a minimum grade of C. Students should have a fundamental understanding of typography, including type design, type categories, layout design and vector graphics prior to enrolling in this advanced-level course.

Material Fee(s): $15.00

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<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>McMillan J</td>
<td>DMC-104</td>
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</table>

DM 123 – ADVANCED SCREENWRITING FOR DIGITAL MEDIA 3.0 UNITS
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. Prior enrollment in Digital Media 121 recommended.

Recommended Preparation: Digital Media 121 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Instructor</th>
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<tbody>
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<td>Staff</td>
<td>DMC-103</td>
<td>Full Semester</td>
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</tbody>
</table>
### DM 130 – BROADCASTING FOR NEWS & SPORTS 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. 
**Recommended Preparation:** Digital Media 110 with a minimum grade of C.

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<tr>
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<th>Instructor</th>
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<td>DMC-103</td>
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<tr>
<td></td>
<td>2:15p-3:40p Tu Th</td>
<td>Taylor M</td>
<td>DMC-103</td>
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### DM 140 – CINEMATOGRAPHY 3.0 UNITS
Concepts and practice of cinema-graphic, filming, and lighting techniques as applied to single-camera film and digital production.

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<th>Instructor</th>
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<th>Meeting Type</th>
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<tbody>
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<tr>
<td></td>
<td>7:30p-8:55p Tu Th</td>
<td>Hall J</td>
<td>DMC-135</td>
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</table>

### DM 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.

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<td></td>
<td>5:25p-5:55p M W</td>
<td>Garcia J</td>
<td>DMC-204</td>
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</table>

### DM 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.

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

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</table>

### DM 170 – DRONE PILOT LICENSE TEST PREP 0.5 UNIT
The class preps students to take the FAA Part 107 test, and other knowledge tests required by the FAA. To fly drones commercially, students need to pass an FAA drone pilot knowledge test.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Days</th>
<th>Instructor</th>
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<td>01722</td>
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<td></td>
<td>Nerhus K ONLINE</td>
<td>10/18-12/12</td>
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</table>

### DM 171 – DRONE PILOT TRAINING 1.5 UNITS
Learn the ins-and-outs of legally flying a drone. The Drone Pilot Training course covers FAA rules and regulations, settings and features of drones, and supervised hands-on flight instruction with a licensed drone pilot. Drones provided for the class.

<table>
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<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Meeting Type</th>
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<td>A-210</td>
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</table>

### DM 191A – LAYOUT DESIGN 3.0 UNITS
An introduction to digital publishing and page layouts. Projects explore the design and development of single and multiple page documents. Includes advanced techniques in complex documents, interactive, and web-ready pages. Primary software: Adobe InDesign

<table>
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<th>CRN</th>
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<th>Instructor</th>
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<td>11:20a-1:25p Tu Th</td>
<td>Fitch A</td>
<td>DMC-104</td>
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</tbody>
</table>

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**ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times**

**HYBRID (H) Combination of online and live scheduled web or on-campus meetings**

**REMOTE LIVE (RL) Live scheduled web meetings during published course times**

**REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times**

**FACE TO FACE (F2F) Meetings are on-campus during published course times**

**Low cost or free textbooks:**

- **OER**
- **ZTC**
- **HONORS**
DM 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.
Recommended Preparation: Art 195 and TV/Video Communications 112 with a minimum grade of C.

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<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Delivery</th>
<th>Days</th>
<th>Time</th>
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</table>

DM 195 – INTRODUCTION TO DIGITAL MEDIA ARTS PRINCIPLES 3.0 UNITS
Foundation-level course designed for graphic designers, artists, photographers, web designers, programmers, and animation artists working in the digital realm. This course includes an overview of industry-standard software, including Adobe Creative Cloud for digital design in montage, vector, layout and time-based media.

<table>
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<tr>
<th>CRN</th>
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<td>9:55a-12:00a</td>
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</table>

DM 196A – 3D MODELING: THE FUNDAMENTALS 3.0 UNITS
This is an introductory course in developing digital 3D models for 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.

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<th>CRN</th>
<th>Instructor</th>
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<td>Tu Th</td>
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</table>

DM 196B – 3D MODELING INTERMEDIATE 3.0 UNITS
Instruction in intermediate-level digital 3D modeling methods as used in video games, interactive media, television, film, previz, product illustration, architectural and bioscience visualization. Students are to model subjects geared to their chosen area of interest and then are provided instruction and guidance to increase proficiency, speed and communication skills required for professional 3D modelers.
Recommended Preparation: Art 196A with a minimum grade of C or a portfolio demonstrating equivalent skills to success at the intermediate level.

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<tr>
<th>CRN</th>
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DM 230A – BEGINNING NEWS & SPORTS PRODUCTION 3.0 UNITS
Beginning producing for broadcast journalism and sportscasting. Create content for TV and digital platforms with emphasis on producing stories, newscasts, sportscasts and interviews. Hands-on production class. Emphasizes both field and studio production. Prior enrollment in DM 130 recommended.
Recommended Preparation: Digital Media 130 with a minimum grade of C.

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DM 230B – INTERMEDIATE NEWS & SPORTS PRODUCTION 3.0 UNITS
Intermediate producing for broadcast journalism and sportscasting. Create content for TV and digital platforms with emphasis on producing stories, newscasts, sportscasts and interviews. Hands-on production class. Emphasizes both field and studio production. Prior enrollment in DM 230A recommended.
Recommended Preparation: Digital Media 230A with a minimum grade of C.

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</table>
DM 230C – ADVANCED NEWS & SPORTS PRODUCTION 3.0 UNITS
Advanced producing for broadcast journalism and sportscasting. Create content for TV and digital platforms with emphasis on producing stories, newscasts, sportscasts and interviews. Hands-on production class. Emphasizes both field and studio production. Prior enrollment in DM 230B recommended.
Recommended Preparation:: Digital Media 230B with a minimum grade of C.

01685 1:15p-2:05p Tu Th Taylor M DMC-103 Full Semester
2:15p-3:40p Tu Th Taylor M DMC-103

DM 230D – EXECUTIVE NEWS & SPORTS PRODUCTION 3.0 UNITS
Executive producing for broadcast journalism and sportscasting. Oversee content creation for TV and digital platforms with emphasis on producing stories, newscasts, sportscasts and interviews. Hands-on production class. Emphasizes both field and studio production. Prior enrollment in DM 230C recommended.
Recommended Preparation: Digital Media 230C with a minimum grade of C.

01686 1:15p-2:05p Tu Th Taylor M DMC-103 Full Semester
2:15p-3:40p Tu Th Taylor M DMC-103

DM 240 – AGENCY FILM PRODUCTION 3.0 UNITS
This is a capstone course, where students will build upon skills and concepts developed in previous camera, editing and cinematography courses in order to learn how to produce and direct advertising agency productions. Prior enrollment in Digital Media 112, 115A, and 140 recommended.
Recommended Preparation: Digital Media 112, Digital Media 115A and Digital Media 140 with a minimum grade of C.

01687 9:00a-4:00p F Dermody M HYBRID Full Semester

DM 255 – MOTION PICTURE TECHNICAL PRODUCTION 3.0 UNITS
This course provides hands-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.

01693 10:00a-10:50a Sa Dermody M Full Semester
11:00a-6:00p Sa Dermody M

DM 256 – INTERMEDIATE MOTION PICTURE TECHNICAL PRODUCTION 3.0 UNITS
This course provides hands-on practical experience in intermediate technical production, culminating in a fully produced film screened to the public. The final movie presentation becomes the basis for creating a production reel.
Recommended Preparation: Prior enrollment in Digital Media 255 is recommended.

01769 10:00a-10:50a Sa Dermody M Full Semester
11:00a-6:00p Sa Dermody M

DM 257 – ADVANCED MOTION PICTURE TECHNICAL PRODUCTION 3.0 UNITS
This course provides hands-on on practcal experience in advanced technical production, culmining in a fully produced film, screened to the public. The final movie presentation becomes the basis for creating a production reel.
Recommended Preparation: Digital Media 256

01770 10:00a-10:50a Sa Dermody M Full Semester
11:00a-6:00p Sa Dermody M

EARTH SCIENCES (ERTH)

ERTH 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. Optional half-day field trip.

99916 8:35a-10:00a Tu Th Coyne C RL Full Semester
rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

99926 8:35a-11:45a F Pomeroy D RL Full Semester
rsccd.instructure.com. There will be no instruction on-campus.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
Prerequisite: Mathematics 060 or Mathematics 083 or Mathematics 084 with a minimum grade of C.

ECON 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.

ERTH 115 – EARTH SCIENCE FOR EDUCATORS 4.0 UNITS
The study of the dynamic forces shaping the earth, including its oceans and atmosphere. This class is open to all majors but is oriented towards enhancing the earth science knowledge of future teachers. Also includes an introduction to the solar system. Half-day field trip required. Not open to students who are enrolled or have credit in Earth Science 110, Geology 101, or Geography 101.

ECON 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.

Low cost or free textbooks:
- ZTC
- OER
- HONORS
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
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Low cost or free textbooks:
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FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
- OER
- ZTC
- HONORS

SANTA ANA COLLEGE – FALL 2021

EDUC 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.

EDUC 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.

EMERGENCY MEDICAL TECHNICIAN (EMT)
EMT 104 – EMERGENCY MEDICAL TECHNICIAN 10.0 UNITS
Basic course for Emergency Medical Technician (EMT) certification. Satisfies training requirements for National/State/County Emergency Medical Services (EMS) Authorities. Prepares students to take the National Registry Certifying Examination for State Certification. Additionally, trains students in the Orange County Emergency Medical Services (OCEMS) optional scope of practice. Course provides depth and breadth of foundational knowledge from the US Department of Transportation’s National Scope of Practice Model and the National EMS Education Standards derived for entry-level EMT.
Corequisite: Current American Heart Association “BLS Provider” CPR Certification and concurrent enrollment in Emergency Medical Technician 105.

03844 6:00p-9:00p  W  Staff  HYBRID  Full Semester
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

03850 9:00a-12:00p  Tu  Staff  HYBRID  Full Semester
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

03851 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

03852 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

02260 8:00a-12:55p  M W  Dibb P  RB  08/23-12/11
Remote Blended. Students attend virtually on Canvas and meet for on-campus Lab instruction during the days and times indicated, rsccd.instructure.com. A current American Heart Association BASIC BLS CPR card is REQUIRED to be shown on the first day of school. FAILURE TO SHOW YOUR AMERICAN HEALTH ASSOCIATION CPR CARD WILL RESULT IN BEING DROPPED from class. Students registering for EMT 104 section 02260 are required to register for EMT 105 section 02264.

02262 8:00a-12:55p  Tu Th  Dibb P  RB  08/23-12/11
Remote Blended. Students attend virtually on Canvas and meet for on-campus Lab instruction during the days and times indicated, rsccd.instructure.com. A current American Heart Association BASIC BLS CPR card is REQUIRED to be shown on the first day of school. FAILURE TO SHOW YOUR AMERICAN HEALTH ASSOCIATION CPR CARD WILL RESULT IN BEING DROPPED from class. Students registering for EMT 104 section 02262 are required to register for EMT 105 section 02265.
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:

OER

ZTC

HONORS

SANTA ANA COLLEGE – FALL 2021  Page 124

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:

OER

ZTC

HONORS

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:

OER

ZTC

HONORS

EMT 105 – CLINICAL EMT SKILLS LABORATORY 1.0 UNIT
Clinical, field experience, and 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: American Heart Association "Basic Life Support (BLS) Provider" CPR Certification and concurrent enrollment in Emergency Medical Technician 104.

02264  Dibb P CANVAS 08/23-12/11
No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com A current American Heart Association BASIC BLS CPR card is REQUIRED to be shown on the first day. FAILURE TO SHOW YOUR AMERICAN HEALTH ASSOCIATION CPR CARD WILL RESULT IN BEING DROPPED from class. Students registering for EMT 105 section 02264 are required to register for EMT 104 section 02260. 54 hours to be arranged.

02265  Dibb P CANVAS 08/23-12/11
No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com A current American Heart Association BASIC BLS CPR card is REQUIRED to be shown on the first day. FAILURE TO SHOW YOUR AMERICAN HEALTH ASSOCIATION CPR CARD WILL RESULT IN BEING DROPPED from class. Students registering for EMT 105 section 02265 are required to register for EMT 104 section 02262. 54 hours to be arranged.

02266  Nguyen T CANVAS 08/26-12/09
No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com A current American Heart Association BASIC BLS CPR card is REQUIRED to be shown on the first day. FAILURE TO SHOW YOUR AMERICAN HEALTH ASSOCIATION CPR CARD WILL RESULT IN BEING DROPPED from class. Students registering for EMT 105 section 02266 are required to register for EMT 104 section 02263. 54 hours arranged including Saturdays 11/20 and 12/4 from 08:00AM to 04:00PM.

EMT 111 – RECERTIFICATION FOR EMT 2.0 UNITS
Update emergency medical techniques, equipment, and EMSA policies. Meets state requirements for EMT recertification.

97792 8:00a-5:00p F Sa  Spriggs J B-6 10/01-10/09
A current American Heart Association BASIC BLS CPR card is REQUIRED to be shown the first day. FAILURE TO DO SO WILL RESULT IN BEING DROPPED FROM CLASS. EMT meets 10/1, 10/2, 10/8, and 10/9 from 8:00am-5:00pm.

ENGINEERING (ENGR)

ENGR 012 – CIVIL/ARCHITECTURAL BLUEPRINT READING 2.0 UNITS
Reading and interpreting blueprints for civil engineering, architecture, and construction fields. No prior blueprint reading experience is needed. Course provides preparation for more advanced civil and architectural drafting coursework.

00533 Castellanos C HYBRID 08/23-10/17
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 051</td>
<td>INTRODUCTION TO DRAFTING AND CAD</td>
<td>1.0</td>
<td>Introductory course on civil, mechanical, and electrical drafting. Topics include: drafting careers, reading and creating basic engineering drawings (modeling, dimensioning, annotations) using industry-standard CAD software (AutoCAD, Solidworks, and more). Course is an appropriate starting course for students with no drafting or CAD experience and are interested in the fields. Course provides direction for continuing drafting coursework.</td>
<td>6:00p-8:05p</td>
<td>M</td>
<td>Vu</td>
<td>RL</td>
<td>10/18-12/06</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com</td>
</tr>
<tr>
<td>ENGR 060</td>
<td>ROBOTICS SURVEY</td>
<td>0.5</td>
<td>This course introduces students to basic robotics. Students will program a robot to receive sensor input, control motors, and produce behaviors. Course provides student exposure to robotics, which now plays a major role in modern manufacturing and industrial automation.</td>
<td>9:00a-12:00p</td>
<td>F</td>
<td>Takahashi</td>
<td>A-214</td>
<td>11/05-11/19</td>
<td></td>
</tr>
<tr>
<td>ENGR 100A</td>
<td>INTRODUCTION TO ENGINEERING</td>
<td>3.0</td>
<td>The course explores the branches of engineering, 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.</td>
<td>1:00p-4:10p</td>
<td>Th</td>
<td>Takahashi</td>
<td>A-214</td>
<td>Full Semester</td>
<td></td>
</tr>
<tr>
<td>ENGR 100B</td>
<td>INTRODUCTION TO CIVIL ENGINEERING</td>
<td>2.0</td>
<td>Introduction to the Civil Engineering and the related fields of architecture and construction. Includes an overview of academic programs, career information and preparation requirements, possible field trips and guest speakers.</td>
<td>6:00p-8:00p</td>
<td>W</td>
<td>Castellanos</td>
<td>HYBRID</td>
<td>10/18-12/12</td>
<td></td>
</tr>
<tr>
<td>ENGR 103</td>
<td>SOLIDWORKS BEGINNING SOLID MODELING</td>
<td>3.0</td>
<td>Introductory course in parametric solid modeling using Solidworks, an industry standard engineering design software (CAD). 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.</td>
<td>7:10p-10:20p</td>
<td>F</td>
<td>Buechler</td>
<td>RL</td>
<td>Full Semester</td>
<td></td>
</tr>
<tr>
<td>ENGR 104</td>
<td>SOLIDWORKS INTERMEDIATE SOLID MODELING</td>
<td>3.0</td>
<td>Intermediate course for solid modeling using Solidworks, an industry standard engineering design software (CAD). Includes a review of the introductory class and changes to the Solidworks interface. Instruction in the use of intermediate Solidworks part modeling skills such as assembly modeling and sub-assemblies is included (Same as Manufacturing Technology 104). Prerequisite: Engineering 103 or Manufacturing Technology 103 with a minimum grade of C.</td>
<td>6:00p-8:00p</td>
<td>W</td>
<td>Castellanos</td>
<td>CANVAS</td>
<td>10/18-12/12</td>
<td></td>
</tr>
</tbody>
</table>

**Legend:**
- **O:** Online (O) Time-flexible online lecture and materials with no scheduled meeting times
- **H:** Hybrid (H) Combination of online and live scheduled web or on-campus meetings
- **RL:** Remote Live (RL) Live scheduled web meetings during published course times
- **RB:** Remote Blended (RB) Live scheduled web & on-campus meetings during published dates and times
- **F2F:** Face to Face (F2F) Meetings are on-campus during published course times
- **OER:** Low cost or free textbooks
- **ZTC:** OER
- **HONORS:** ZTC
ENGR 105 – SOLIDWORKS ADVANCED SOLID MODELING 3.0 UNITS
Advanced course for solid modeling includes a review of the intermediate class and changes to the Solidworks interface. Instruction in the use of Solidworks part modeling, assembly modeling, sub-assemblies, advanced photoworks and advanced animator emphasized (Same as Manufacturing Technology 105).
Prerequisite: Engineering 104 or Manufacturing Technology 104 with a minimum grade of C.
02118 Corley G ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ENGR 111 – BASIC MECHANICAL BLUEPRINT READING 2.0 UNITS
Reading and interpreting blueprints for manufacturing technologies.
02120 5:00p-7:05p F Buechler M RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

ENGR 114 – GEOMETRIC DIMENSIONING AND TOLERANCING 3.0 UNITS
Drawing interpretation utilizing geometric dimensioning and tolerancing per ASME Y14.5M (formerly ANSI Y14.5M) as applied in engineering, manufacturing, and inspection. Suggested preparation: prior course or experience in drafting with conventional dimensioning and tolerancing.
02281 Corley G ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ENGR 118 – SURVEYING 3.0 UNITS
The course applies theory and principles of plane surveying: office computations and design; operation of surveying field equipment; and production of engineering plans/maps. Topics include distances, angles, and directions; differential leveling; traversing; property/boundary surveys; topographic surveys/mapping; volume/earthwork; horizontal and vertical curves; land description techniques; and GPS. Extensive field work using tapes, levels, transits, theodolites, total stations, and GPS. Assists in passing the land surveyor-in-training exam.
Prerequisite: Mathematics 162 or Mathematics 170 with a minimum grade of C or transcripted high school trigonometry or pre-calculus.
Software Utilized: Civil 3D and ArcGIS 10
00542 9:00a-11:05a Sa Rodriguez J A-214 Full Semester
11:05a-2:15p Sa Rodriguez J A-214
This class meets on-campus.

ENGR 119 – ADVANCED PLANE SURVEYING 3.0 UNITS
A second course in surveying with emphasis on coordinate geometry calculations. Topics include: route surveying with horizontal and vertical curves, topographic surveying and mapping, construction surveying, introduction to geospatial technologies, boundary surveying and surveys of public lands. Field surveying projects.
Prerequisite: Engineering 118 with a minimum grade of C; or Instructor may waive if student can show proof of industry experience in surveying equal to or greater than Engineering 118.
Software Utilized: Civil 3D and ArcGIS 10
00543 9:00a-11:05a Sa Rodriguez J A-214 Full Semester
11:05a-2:15p Sa Rodriguez J A-214
This class meets on-campus.

ENGR 122 – ENGINEERING DRAWING 3.0 UNITS
Principles of engineering drawing: projections, views, sections, dimensions, tolerancing, assemblies, manufacturing processes, engineering drafting practices. Utilizing 2D CAD and 3D solid modeling CAD software. Suggested preparation: prior course or experience in drafting and CAD.
00544 6:00p-8:30p Tu Vu M A-225 Full Semester
8:30p-9:55p Tu Vu M A-225
This class meets on-campus.
ENGR 125 – ENGINEERING GRAPHICS 3.0 UNITS
This course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include: the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancing practices; the engineering design process. Assignments develop sketching skills for 2-D and 3-D CAD. The use of CAD software is an integral part of the course. Suggested preparation: prior course or experience with drafting and CAD.
Prerequisite: Mathematics 162 with a minimum grade of C.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Type</th>
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<tr>
<td>00548</td>
<td>6:00p-8:30p</td>
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<td></td>
<td>8:30p-9:55p</td>
<td>Tu</td>
<td>A-225</td>
<td>Full Semester</td>
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</table>

This class meets on-campus.

ENGR 130A – CATIA I 3.0 UNITS
Introductory course in parametric solid modeling CAD using CATIA software, which is used extensively in the aerospace and automotive fields. 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 (Same as Manufacturing Technology 130A).
Software Utilized: CATIA V.5.R19

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<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Type</th>
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<tr>
<td>00551</td>
<td>9:00a-12:10p</td>
<td>Sa</td>
<td>Staff A-225</td>
<td>Full Semester</td>
<td></td>
</tr>
</tbody>
</table>

This class meets on-campus.

ENGR 130B – CATIA II 3.0 UNITS
Intermediate course in parametric solid modeling CAD using CATIA software, which is used extensively in the aerospace and automotive fields. Topics: intermediate/ advanced level sketching and modeling (sweeps, ribs, slots), feature editing and transformation, assemblies, drafting workbench, surface modeling, and other CATIA modules.
Recommended Preparation: Engineering 130A or Manufacturing Technology 130A with a minimum grade of C.
Software Utilized: CATIA V.5.R19

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
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<td>00553</td>
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<td>Sa</td>
<td>Staff A-225</td>
<td>Full Semester</td>
<td></td>
</tr>
</tbody>
</table>

This class meets on-campus.

ENGR 132 – INTRODUCTION TO ROBOTICS 2.5 UNITS
Introductory course in robotics. Topics include history of robotics, role of robotics in modern engineering, industrial automation, emerging technologies, basic design, sensors, circuitry, actuators, mechanics, programming, and a hands-on robot design and construction project.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Days</th>
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<td>00698</td>
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<td>W</td>
<td>Takahashi A-214</td>
<td>Full Semester</td>
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<tr>
<td></td>
<td>12:25p-1:50p</td>
<td>W</td>
<td>Takahashi A-214</td>
<td>Full Semester</td>
<td></td>
</tr>
</tbody>
</table>

This class meets on-campus. There is no additional textbook cost for this ZTC class.

ENGR 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 machinist trade.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Type</th>
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<tr>
<td>02400</td>
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<tr>
<td></td>
<td>9:45a-1:35p</td>
<td>Sa</td>
<td>Bright T-107</td>
<td>Full Semester</td>
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<tr>
<td></td>
<td>2:00p-5:50p</td>
<td>Sa</td>
<td>SAC T-107</td>
<td>Full Semester</td>
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</table>

Remote Blended. A portion of Lab will be conducted in person on day and time indicated. Regulations of significantly reduced capacity, social distancing and personal protective equipment will be observed.
Students are required to log on to Canvas on the first day of classes. rsccd.instructure.com

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
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<tr>
<td></td>
<td>9:00p-9:30p</td>
<td>M W</td>
<td>Buechler T-107</td>
<td>Full Semester</td>
<td></td>
</tr>
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</table>

Remote Blended. Students attend virtually on Canvas and meet for on-campus Lab instruction during the days and times indicated, rsccd.instructure.com.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
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<td></td>
<td>9:30p-10:00p</td>
<td>Tu Th</td>
<td>Buechler T-107</td>
<td>Full Semester</td>
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</tbody>
</table>

Remote Blended. A portion of Lab will be conducted in person on day and time indicated. Regulations of significantly reduced capacity, social distancing and personal protective equipment will be observed.
Students are required to log on to Canvas on the first day of classes. rsccd.instructure.com
ENGR 183 – AUTOCAD I 4.0 UNITS
A first course in AutoCAD by Autodesk, an industry standard engineering CAD software, especially in the civil and architectural fields. Topics include display and file management, units, entities, object selection, advanced editing, layers, dimensions, text, and graphic exchange.
Software Utilized: AutoCAD 2020

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Start-End Time</th>
<th>Instructor</th>
<th>Days</th>
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<tr>
<td>00726</td>
<td>M</td>
<td>10:20a-2:35p</td>
<td>Rodriguez J</td>
<td>A-225</td>
<td>Full Semester</td>
</tr>
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</tbody>
</table>

This class meets on-campus.

ENGR 184 – AUTOCAD II 4.0 UNITS
A second course in Autodesk AutoCAD, an industry standard engineering CAD software, especially in the civil and architectural fields. Topics include: advanced dimensioning, viewports, hatches, blocks, plotting, attributes, inquiry, intermediate apps, working drawings, introduction to 3D CAD. Suggested preparation: prior course or experience with AutoCAD.
Software Utilized: AutoCAD 2020

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Start-End Time</th>
<th>Instructor</th>
<th>Days</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>00723</td>
<td>W</td>
<td>6:00p-8:00p</td>
<td>Galvez R</td>
<td>HYBRID</td>
<td>Full Semester</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Galvez R</td>
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</tbody>
</table>

Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

ENGR 235 – STATICS 3.0 UNITS
A first course in engineering mechanics: properties of forces, moments, couples and resultants; two- and three-dimensional force systems acting on engineering structures in equilibrium; analysis of trusses, and beams; distributed forces, shear and bending moment diagrams, center of gravity, centroids, friction, and area and mass moments of inertia. Utilizes SI metrics.
Prerequisite: Physics 217 and Mathematic 185 with a minimum grade of C (Both classes can be taken concurrently).

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<tr>
<th>CRN</th>
<th>Days</th>
<th>Start-End Time</th>
<th>Instructor</th>
<th>Days</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>00728</td>
<td>Tu</td>
<td>1:40p-4:50p</td>
<td>Takahashi C</td>
<td>A-210</td>
<td>Full Semester</td>
</tr>
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This class meets on-campus.

ENGLISH (ENGL)

ENGL 061X, ACCELERATED INTRODUCTORY COMPOSITION SKILLS 5.0 UNITS
An introductory English course designed to prepare students for English 101, Freshman Composition, emphasizing sentence structure, paragraph writing, essay writing, and argumentation using reading-based modeling.
Recommended Preparation: Reading 101 OR Reading 101X is recommended to be taken concurrently.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Start-End Time</th>
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<th>Days</th>
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<tbody>
<tr>
<td>98004</td>
<td>M W</td>
<td>9:30a-12:00p</td>
<td>Sosta R</td>
<td>RL</td>
<td>Full Semester</td>
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</table>

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

ENGL 066 – ROUTE TO WRITING SUCCESS: FRESHMAN COMPOSITION LABORATORY 1.0 UNIT
Laboratory exercises are designed to explore and understand the reading process, the writing process, grammar and punctuation rules in order to successfully complete English 101. This class must be taken concurrently with an English 101 course.
Corequisite: English 101 must be taken concurrently.

<table>
<thead>
<tr>
<th>CRN</th>
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<tbody>
<tr>
<td>98007</td>
<td>M W</td>
<td>10:20a-11:45a</td>
<td>Heinlein G</td>
<td>RL</td>
<td>Full Semester</td>
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Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 98007 is linked to ENGL 101 98091. Enrollment in both sections is mandatory.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Start-End Time</th>
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<tbody>
<tr>
<td>98009</td>
<td>M W</td>
<td>10:20a-11:45a</td>
<td>Tran M</td>
<td>RL</td>
<td>Full Semester</td>
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Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 98009 is linked to ENGL 101 98207. Enrollment in both sections is mandatory.

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<tr>
<td>9811</td>
<td>M W</td>
<td>10:20a-11:45a</td>
<td>Simmerman S</td>
<td>D-202</td>
<td>Full Semester</td>
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Section 9811 is linked to ENGL 101 98211. Enrollment in both sections is mandatory.

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<th>Days</th>
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</tr>
</thead>
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<td>98026</td>
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<td>Tran M</td>
<td>RL</td>
<td>Full Semester</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 98026 is linked to ENGL 101 98160. Enrollment in both sections is mandatory.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
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<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>98029</td>
<td>11:20a-12:45p</td>
<td>Tu Th</td>
<td>Simmerman S</td>
<td>D-106</td>
<td>Full Semester</td>
<td>Section 98029 is linked to ENGL 101 98141. Enrollment in both sections is mandatory.</td>
</tr>
<tr>
<td>98006</td>
<td>12:20p-1:45p</td>
<td>Tu Th</td>
<td>Kelley S</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 98006 is linked to ENGL 101 98036. Enrollment in both sections is mandatory.</td>
</tr>
<tr>
<td>98031</td>
<td>12:35p-2:00p</td>
<td>M W</td>
<td>Brandon K</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 98031 is linked to ENGL 101 98136. Enrollment in both sections is mandatory.</td>
</tr>
<tr>
<td>98030</td>
<td>2:50p-4:15p</td>
<td>Tu Th</td>
<td>Brandon K</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 98030 is linked to ENGL 101 98236. Enrollment in both sections is mandatory.</td>
</tr>
<tr>
<td>98027</td>
<td>3:00p-4:25p</td>
<td>M W</td>
<td>Kelley S</td>
<td>D-202</td>
<td>Full Semester</td>
<td>Section 98027 is linked to ENGL 101 98151. Enrollment in both sections is mandatory.</td>
</tr>
<tr>
<td>9814</td>
<td>3:30p-4:55p</td>
<td>Tu Th</td>
<td>Hassel E</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 9814 is linked to ENGL 101 98219. Enrollment in both sections is mandatory. The class will be conducted through remote live (RL) instruction. Students are expected to log onto Canvas for online live streaming sessions during the same time and days indicated in the class schedule. Students are required to logon to Canvas on the first day of class. rsccd.instructure.com</td>
</tr>
<tr>
<td>9813</td>
<td>8:20p-9:45p</td>
<td>Tu Th</td>
<td>Pham J</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 9813 is linked to ENGL 101 98229. Enrollment in both sections is mandatory.</td>
</tr>
<tr>
<td>98095</td>
<td>7:30a-9:35a</td>
<td>M W</td>
<td>Keefer S</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>03678</td>
<td>7:40a-8:30a</td>
<td>M Tu Th</td>
<td>Staff</td>
<td>MDHS</td>
<td>Full Semester</td>
<td>rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98091</td>
<td>8:00a-10:05a</td>
<td>M W</td>
<td>Heinlein G</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 98091 is linked to ENGL 066 98007. Enrollment in both sections is mandatory.</td>
</tr>
<tr>
<td>98102</td>
<td>8:00a-10:05a</td>
<td>M W</td>
<td>Rocke B</td>
<td>D-106</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98108</td>
<td>8:00a-12:15p</td>
<td>F</td>
<td>Staff</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98127</td>
<td>8:00a-12:15p</td>
<td>Sa</td>
<td>Jorgensen C</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98138</td>
<td>8:00a-10:05a</td>
<td>Tu Th</td>
<td>Rocke B</td>
<td>D-201</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 98138 is linked to ENGL 066 98026. Enrollment in both sections is mandatory.</td>
</tr>
<tr>
<td>98160</td>
<td>8:00a-10:05a</td>
<td>Tu Th</td>
<td>Tran M</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Section 98160 is linked to ENGL 066 98026. Enrollment in both sections is mandatory.</td>
</tr>
</tbody>
</table>

**ENGL 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 061X or English for Multilingual Students 112 with a minimum grade of C or qualifying profile from English placement process.
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ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:

OER

ZTC

HONORS

98207  8:00a-10:05a  M W  Tran M  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.  Section 98207 is linked to ENGL 066 98009.  Enrollment in both sections is mandatory.

98210  8:00a-10:05a  M W  Isbell J  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

98211  8:00a-10:05a  M W  Simmerman S  D-202  Full Semester
Section 98211 is linked to ENGL 066 98011.  Enrollment in both sections is mandatory.

98214  8:00a-10:05a  Tu Th  Isbell J  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

98141  9:00a-11:05a  Tu Th  Simmerman S  D-213  Full Semester
Section 98141 is linked to ENGL 066 98029.  Enrollment in both sections is mandatory.

98036  10:00a-12:05p  Tu Th  Kelley S  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.  Section 98036 is linked to ENGL 066 98006.  Enrollment in both sections is mandatory.

98133  10:15a-12:20p  M W  Kelley S  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

98136  10:15a-12:20p  M W  Brandon K  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.  Section 98136 is linked to ENGL 066 98031.  Enrollment in both sections is mandatory.

98197  10:15a-12:20p  Tu  Martinez Guzman D  RB  Full Semester
10:15a-12:20p  Th  Martinez Guzman D  D-102  Full Semester
Remote Blended. Students attend both virtually on Canvas and on-campus during the days and times indicated, rsccd.instructure.com.  PUENTE: Section 98197 is linked to Counseling 100 section 98724, Lifelong Understanding. Enrollment in all sections is mandatory.  Please see the Freshman Success page in the class schedule for more information.

98218  10:15a-12:20p  Tu Th  Brandon K  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

98235  10:30a-12:35p  Tu Th  Rocke B  D-201  Full Semester
98099  11:00a-12:05p  Tu Th  Staff  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

98103  11:30a-1:35p  M W  Hassel E  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

98182  12:00p-4:15p  Tu  Staff  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.  ULINK: Section 98182, ENGL 101 is linked to Section 98731, Counseling 107. Enrollment in all sections is mandatory.

98124  12:30p-2:35p  M W  Rocke B  D-213  Full Semester
98153  12:30p-2:35p  M W  Lujan A  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.

98236  12:30p-2:35p  Tu Th  Brandon K  RL  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com.  There will be no instruction on-campus.  Section 98236 is linked to ENGL 066 98030.  Enrollment in both sections is mandatory.

98151  12:45p-2:50p  M W  Kelley S  D-202  Full Semester
Section 98151 is linked to ENGL 066 98027.  Enrollment in both sections is mandatory.
<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
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<th>Type</th>
<th>Full Semester</th>
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<tr>
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<tr>
<td></td>
<td>12:45p-2:50p  W</td>
<td>Martinez Guzman D</td>
<td>D-101</td>
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<td>Remote Blended. Students attend both virtually on Canvas and on-campus during the days and times indicated, rsccd.instructure.com.</td>
</tr>
<tr>
<td>98219</td>
<td>1:15p-3:20p   Tu Th</td>
<td>Hassel E</td>
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<td>Section 98219 is linked to ENGL 066 98014. Enrollment in both sections is mandatory. Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98122</td>
<td>1:45p-3:50p   Tu Th</td>
<td>Dongell R</td>
<td>RL</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>00692</td>
<td>2:00p-3:15p   M W F</td>
<td>Call V</td>
<td>SAM</td>
<td>Full Semester</td>
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<td>This is a Dual Enrollment class designed for Samueli High School.</td>
</tr>
<tr>
<td>98118</td>
<td>2:45p-4:50p   M W</td>
<td>Tran M</td>
<td>RL</td>
<td>Full Semester</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<tr>
<td>98123</td>
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<td>Staff</td>
<td>RL</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<tr>
<td>98226</td>
<td>4:00p-6:05p   Tu Th</td>
<td>Applegate E</td>
<td>RL</td>
<td>Full Semester</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>98092</td>
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<td>Arambula M</td>
<td>D-209</td>
<td>Full Semester</td>
<td></td>
</tr>
<tr>
<td>98101</td>
<td>6:00p-10:15p  W</td>
<td>Dinh A</td>
<td>RL</td>
<td>Full Semester</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
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<td>RL</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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**Legend:**
- ONLINE (O): Time-flexible online lecture and materials with no scheduled meeting times
- HYBRID (H): Combination of online and live scheduled web or on-campus meetings
- REMOTE LIVE (RL): Live scheduled web meetings during published course times
- REMOTE BLENDED (RB): Live scheduled web & on-campus meetings during published dates and times
- FACE TO FACE (F2F): Meetings are on-campus during published course times
- Low cost or free textbooks:
  - OER
  - ZTC
  - HONORS
This is a Dual Enrollment class for Santiago High School (SHS) students only. A combination of online instruction and required meetings on the days and times posted. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

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**Format Descriptions:**
- **ONLINE** (O) Time-flexible online lecture and materials with no scheduled meeting times
- **HYBRID** (H) Combination of online and live scheduled web or on-campus meetings
- **REMOTE LIVE** (RL) Live scheduled web meetings during published course times
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- **FACE TO FACE** (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
- **OER**
- **ZTC**
- **HONORS**
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [rsccd.instructure.com](rsccd.instructure.com) Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Time-flexible online lecture and materials with no scheduled meeting times

Combination of online and live scheduled web or on-campus meetings

Live scheduled web meetings during published course times

Low cost or free textbooks:

- OER
- ZTC
- HONORS

[rsccd.instructure.com](rsccd.instructure.com)
### ENGL 102 – LITERATURE AND COMPOSITION 4.0 UNITS

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

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

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### ENGL 101H – HONORS FRESHMAN COMPOSITION 4.0 UNITS

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

**Prerequisite:** A college GPA or high school GPA for first-term college students of 3.0 or higher AND completion with a grade of "C" or better in EMLS 112, or ENGL 061X, or ENGL 061, or qualifying profile from English placement process.

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SANTA ANA COLLEGE – FALL 2021 Page 135

**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- **OER**
- **ZTC**
- **HONORS**

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**ENGL 102H – HONORS LITERATURE AND COMPOSITION** 4.0 UNITS

An enriched approach designed for honors students. A second semester course in composition and literature that uses literature to develop critical thinking skills with extensive readings selected from the four major genres. Prerequisite: A high school GPA of at least 3.0 if a first-term college student or college cumulative GPA of 3.0 or higher and completion with a grade of "C" or better in ENGL 101, or ENGL 101H

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**ENGL 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.

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<td>Beyersdorf M</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<th>Instructor</th>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>98286</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com There will be no instruction on-campus.</td>
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<td>Bootman A</td>
<td>RL Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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**ENGL 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: Cumulative GPA of 3.0 or higher in college work (or high school for first-term students) and completion with a "C" or better of ENGL 101, or ENGL 101H

**ENGL 232 – SURVEY OF ENGLISH LITERATURE II**
3.0 UNITS
Introductory study of representative selections from the English Romantic Movement to the present. Emphasis on those authors best exemplifying their period, such as Austen, Wordsworth, Coleridge, Byron, the Shelleys, Keats, Tennyson, Newman, Carlyle, the Brownings, Dickens, the war poets, Houseman, Yeats, Wilde and Woolf. Prerequisite: English 101 or English 101H with a minimum grade of C.

**ENGL 241 – SURVEY OF AMERICAN LITERATURE 1600-1865**
3.0 UNITS
Survey of America's greatest works of literature from 1600-1865. Emphasizes the relationship between various works and general movements in American culture and literary history. Prerequisite: English 101 or English 101H with a minimum grade of C.

**ENGL 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.
ENGLISH MULTILINGUAL STUDENTS (EMLS)

EMLS N49 – INTRODUCTION TO ACADEMIC SPEAKING SKILLS 3.0 UNITS
Beginning course for non-native students with previous instruction in basic English as a second language. Includes listening discrimination, pronunciation, speaking and listening skill building. Skills are intensively practiced and reviewed. Not applicable to associate degree.

R 98058 2:00p-3:25p Tu Th Staff RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

EMLS 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.

R 98059 4:00p-5:25p Tu Th Mowrer M RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

EMLS 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.
Recommended Preparation: English Multilingual Students N52A with a minimum grade of P.

EMLS 103 – GRAMMAR FOR BETTER WRITING I 3.0 UNITS
Sentence refining course for multilingual students who can speak English but often make grammar mistakes when writing. Basic grammar including verb tenses, verbalis, modals, nouns, pronouns, compound and complex sentences. Revision and editing.
Recommended Preparation: Concurrent enrollment English Multilingual Students 104 is recommended.

EMLS 104 – COLLEGE READING AND WRITING I 5.0 UNITS
Reading and paragraph-level writing course for bilingual students who need to develop skills in reading academic material and writing academic paragraphs. Emphasis on connection between reading and writing, responding to reading critically, following the writing process and editing.
Recommended Preparation: Taking English Multilingual Students 103 concurrently or prior to English Multilingual Students 104 is highly recommended.

EMLS 105 – GRAMMAR FOR BETTER WRITING II 3.0 UNITS
Sentence refining course for bilingual students who can speak English but often make grammar mistakes when writing. Grammar focus is on sentence level accuracy, including transitions, the passive voice and multi-clause sentences. Revision and editing.
Prerequisite: English Multilingual Students 103 with a minimum grade of C or qualifying profile from ESL/EMLS placement test.

EMLS 106 – COLLEGE READING AND WRITING II 5.0 UNITS
Reading and short essay-level writing course for bilingual students who need to improve skills in reading academic material and writing academic essays. Emphasis on connection between reading and writing, responding to reading critically, following the writing process and editing.
Prerequisite: English Multilingual Students 104 with a minimum grade of C or qualifying profile from ESL/EMLS placement test.
SANTA ANA COLLEGE – FALL 2021

EMLS 110 – INTRODUCTION TO THE ESSAY 4.0 UNITS
Introductory essay writing course for bilingual students who speak English fluently but make multiple grammar errors when writing. This composition course progresses from paragraph to essay, emphasizing basic expository modes, grammar review, critical reading, and revision and editing techniques.
Prerequisite: EMLS 109 with a minimum grade of C or qualifying profile from ESL/EMLS placement process.

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<th>Instructor</th>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
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EMLS 112 – ADVANCED COMPOSITION 4.0 UNITS
Advanced-level writing course for bilingual students who are fluent in conversational English but make multiple grammar errors when writing. Emphasis is on complex expository modes, grammatical accuracy in writing, grammar review, research methods, critical reading skills, and revision and editing techniques.
Prerequisite: EMLS 110 with a minimum grade of C or ESL 707 and LRN 750 with a minimum grade of P or qualifying profile from ESL/EMLS placement process and Passing Proficiency on the Reading Placement process.

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ENTREPRENEURSHIP (ENTR)

ENTR 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.

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ENTR 105 – SOCIAL MEDIA, BOOTSTRAPPING, AND MARKET VALIDATION 2.0 UNITS
Learn the latest Social Media & Bootstrap Marketing strategies & techniques. Discover how to do more with marketing while spending less. Learn what you need to know about your customer and your market by designing a sound research strategy. Discover how to implement a market validation strategy.

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<th>Course Code</th>
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ENTR 120 – INTRODUCTION TO WORKING AS A FREELANCE INDEPENDENT CONTRACTOR 1.0 UNIT
Learn the freelancer mindset. Learn how to work where you want, when you want, and how you want. Plan your life, your career, and your business. Develop your goals. Understand your personal strengths and skills. Learn how to turn your strengths and skills into viable, sustainable businesses by finding what is unique about you and turning that uniqueness into a personal brand.

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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com.</td>
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ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meeting during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

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<th>Low cost or free textbooks:</th>
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**ENTR 121 – PEOPLE SKILLS FOR THE FREELANCER**

1.0 UNIT

Learn "people skills" - also known as "soft skills" - communication skills, technological skills, negotiation skills, and presentation skills needed to be successful as a freelance independent contractor. Develop your soft skills and selling skills to compete for business and keep customers happy.

**01120**  
Vonheim E  
**ONLINE**  
08/23-09/19

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

**ENTR 122 – OPPORTUNITIES IN FREELANCE INDUSTRIES AND TRADES**

1.0 UNIT

Learn how to spot opportunities within a trade and industry. Learn how to network and connect within a trade and industry in order to get business and get mentors. Learn to understand the competitive economic landscape within a trade or industry. Develop opportunities into a viable, sustainable business. Understand how to travel and work in a global economy.

**01124**  
Vonheim E  
**ONLINE**  
09/20-10/17

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

**ENTR 123 – MARKETING TO ATTRACT CUSTOMERS AND GROW YOUR FREELANCE BUSINESS**

1.0 UNIT

Learn marketing as it applies to the freelance independent contractor. Learn market research, business development, branding, pricing, promotion, advertising, social media, sales, distribution and customer service. Understand how to identify and sell to a niche market. Learn how to market on a limited budget. Learn how to market yourself online.

**01127**  
Vonheim E  
**ONLINE**  
09/20-10/17

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

**ENTR 124 – SURVIVAL FINANCE AND ACCOUNTING FOR THE FREELANCER–SHOW ME THE MONEY**

1.0 UNIT

Learn personal finance, business finance and basic accounting. Learn financial survival tips for the freelancer. Understand sources of financing, cash and cash flow, QuickBooks, financial statements, pricing and profits, getting paid, accounts receivables and payables, record-keeping, budgeting and taxes. Understand how to open and operate your business on a limited budget.

**01128**  
Jarjoura R  
**ONLINE**  
10/18-11/14

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

**ENTR 125 – LAUNCH YOUR FREELANCE BUSINESS**

1.0 UNIT

Learn how to launch a freelance business. Set-up and manage your operations. Learn about office locations, business licenses, insurance, government regulations, lawyers, entity formation, intellectual property, health insurance, work-life balance, leadership, teamwork, management and human resources. Topics include managing yourself, managing others and working with subcontractors.

**01131**  
Vonheim E  
**ONLINE**  
10/18-11/14

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

**ENVIRONMENTAL STUDIES (ENVR)**

**ENVR 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.

**99940**  
10:20a-11:45a M W  
Hughes P  
**RL**  
Full Semester

Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

**ENVR 200 – HUMAN ECOLOGY**

3.0 UNITS

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

**02184**  
10:20a-11:45a M W  
Moore S  
**RL**  
Full Semester

Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.
ETHN 101 – INTRODUCTION TO ETHNIC STUDIES 3.0 UNITS
This course serves to broaden the ethnic and racial perspectives of students interested in American culture and society. It encompasses a historical overview of the social, cultural, political, and economic aspects of four ethnic groups -- Native/First People Americans, African/Black Americans, Latin Americans/Latina Americans/Latino Americans/Latinx Americans, and Asian Americans. Emphasis is placed on these groups’ historical and contemporary relationships with each other and the rest of American society-Duplicate credit not granted for ETHN 101H.

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FASHION DESIGN MERCHANDISING (FDM)

FDM 080 – EMBROIDERY 1.5 UNITS
Applied techniques of embroidered decorative embellishments using embroidery software and machinery.

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<td>Garcia K</td>
<td>Sa</td>
<td>FDM 080 – EMBROIDERY</td>
<td>Sa</td>
<td>12:00p-3:35p</td>
<td>A-205</td>
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<td>Elston L</td>
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<td>FDM 081 – SCREEN PRINTING</td>
<td>5:45p-8:55p</td>
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FDM 100 – INTRODUCTION TO THE FASHION INDUSTRY 3.0 UNITS
Introduction to the development, structure, and interrelationship of the global fashion industry, including: Consumer characteristics, product design, textile and apparel production, retail merchandising, brand marketing, distribution, and promotion. An introduction to apparel business organizations, their commercial processes and career opportunities. Oral, written, and multimedia reports on current topics relevant to the fashion industry.

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<td>01960</td>
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<td>Carrillo J</td>
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</table>

LOW COST OR FREE TEXTBOOKS:
- OER
- ZTC
- HONORS
FDM 103 – FASHION SELECTION 3.0 UNITS
Apparel selection based on historical perspective, culture, and fashion trends. This course will examine the interrelatedness of socio-psychological, economic and political/religious influences on dress. Cross-cultural analysis and interpretation of Western and non-Western clothing behavior. The fashion professional uses this information to better design, produce, and select products to meet the needs of a culturally diverse consuming population.

01969 6:00p-9:10p Tu Melchor R RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

03529 6:00p-9:10p Tu Melchor R T-201 Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

FDM 104 – TEXTILE FIBERS AND FABRICS 3.0 UNITS
This course is a study of textile fibers and fabrics, their production/development, environmental impact, selection, use and care of wearing apparel and home furnishings. The course also covers current and future textile production and how appropriate performance characteristics are incorporated into materials and products.

01957 Elston L ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

01959 12:30p-2:25p M Elston L RB Full Semester
Remote Blended. Students attend virtually on Canvas and meet for on-campus Lecture and Lab instruction during the days and times indicated, rsccd.instructure.com.

FDM 105A – BEGINNING SEWING 3.0 UNITS
Apparel garment construction techniques including seam finishes, edge finishes, manipulating garment fullness, and applying closures. Students will construct three full sized garments and a compilation of construction techniques. Students will conduct and document garment fittings, alter patterns, and apply fitting alterations to the sewn projects.

01954 Carrillo J ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

01956 Benson K ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

01987 Carrillo J HYBRID 08/23-10/17
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

01989 Benson K HYBRID 10/18-12/12
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

03748 Benson K HYBRID 10/18-12/12
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.
FDM 105B – INTERMEDIATE SEWING 3.0 UNITS
Follow-up of Fashion Design Merchandising 105A, Beginning Sewing. Coordination of woven fabrics and pattern fitting in construction of class projects such as pants, dress shirts, and unlined jackets. Includes intermediate sewing technique samples such as tailored plackets, various fly zipper applications, bound buttonholes, and welt pockets. Recommended Preparation: Recommended preparation includes being able to name and sew a minimum of six different types of seams and hems without having to look them up or completion of Fashion Design Merchandising 105A, Beginning Sewing.

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rccd.instructure.com. There will be no instruction on-campus.

FDM 109 – FLAT PATTERN TECHNIQUES 3.5 UNITS
Students will learn to use flat pattern basic block for pivoting and spreading methods to transfer trade sketches into first pattern garments. Students will be required to sew their sample garments. Recommended Preparation: Fashion Design Merchandising 105A.

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rccd.instructure.com

FDM 110 – CORSET CONSTRUCTION 3.0 UNITS
Class covers historical and modern corsets. Students will build a corset from start to finish, including pattern drafting, boning construction, and fitting techniques. Students will also build a bustier dress. Recommended Preparation: Fashion Design Merchandising 105A with a minimum grade of C.

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rccd.instructure.com. There will be no instruction on-campus.

FDM 111A – FASHION ILLUSTRATION TECHNIQUES 3.0 UNITS
Application of the basic techniques of drawing fashion and garment flat trade sketches. Emphasis on current fashion industry design software Adobe Illustrator with some Photoshop. Pencils, markers, and watercolors are also incorporated.

Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rccd.instructure.com. There will be no instruction on-campus.
FDM 114 – 3D DESIGN  
This course will teach students how to create 3D garments in Clo3D/Marvelous Designer. This course will take students having no knowledge of 3D software to developing designs, doing fittings, and creating renders. By the end of the course students will also develop a portfolio of several projects.  
*Recommended Preparation: Fashion Design Merchandising 109 with a minimum grade of C, or pattern drafting knowledge.*

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Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

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<td></td>
<td>Benson K</td>
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed and required course work. rsccd.instructure.com

FDM 136 – FUNDAMENTALS OF COSTUME DESIGN  
The study of costume history, design, and basic construction techniques as an introduction to basic theatrical costumeing. Fabrics and their various uses will be investigated.

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<tr>
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<td>10:00a-10:30a Tu Th</td>
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<td>Full Semester</td>
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FDM 299 – COOPERATIVE WORK EXPERIENCE EDUCATION  
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 per Title 5, Section 55253.  
*Recommended Preparation: 12 units of Fashion Design Merchandising courses completed with C or better.*  
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No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

FIRE ACADEMY (FAC)

FAC 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.

<table>
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<td>10/03-10/03</td>
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<td>Meloni J</td>
<td>8:30a-11:30a Su</td>
<td>JPT-CN</td>
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FAC 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 exercise using fire hose, ladders, stairs, TRX, kettlebells and other equipment. Students will learn proper body mechanics; correct lifting techniques and appropriate physical conditioning principles.  
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<td>Coots C</td>
<td>6:00p-8:00p W</td>
<td>CJTC-SD</td>
<td>Full Semester</td>
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O N L I N E  (O) Time-flexible online lecture and materials with no scheduled meeting times  
H Y B R I D  (H) Combination of online and live scheduled web or on-campus meetings  
R E M O T E  L I V E  (RL) Live scheduled web meetings during published course times  
R E M O T E  B L E N D E D  (RB) Live scheduled web & on-campus meetings during published dates and times  
F A C E  T O  F A C E  (F2F) Meetings are on-campus during published course times  
Low cost or free textbooks:  
O E R  Z T C  H O N O R S
FAC 018C – INTERMEDIATE FIRE PHYSICAL ABILITY TRAINING 0.1 - 0.5 UNITS
Students will practice the individual events of the "Biddle" Fire Fighter Physical Ability Test (Fire Academy 008). This is a supplemental learning assistance course designed to prepare the student for participation and successful completion of FAC 008. Students will perform physical exercise using fire hose, ladders, stairs, TRX, kettlebells and other equipment. Students will learn proper body mechanics; correct lifting techniques and appropriate physical conditioning principles.

Open Entry / Open Exit

02359 8:45a-10:45a F Coots C CJTC-SD Full Semester
02358 6:00p-8:00p W Coots C CJTC-SD Full Semester

FAC 018D – ADVANCED FIRE PHYSICAL ABILITY TRAINING 0.1 - 0.5 UNITS
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 exercise using fire hose, ladders, stairs, TRX, kettlebells and other equipment. Students will learn proper body mechanics; correct lifting techniques and appropriate physical conditioning principles.

Open Entry / Open Exit

02361 8:45a-4:05a F Coots C CJTC-SD Full Semester
02360 6:00p-8:00p W Coots C CJTC-SD Full Semester

FIRE TECHNOLOGY (FTC)

FTC 101 – FIRE PROTECTION ORGANIZATION 3.0 UNITS
This course provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives.

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rccd.instructure.com. There will be no instruction on-campus.

02297 8:35a-11:45a Tu Conroy D RL Full Semester
02302 11:55a-3:05p W Flint J RL Full Semester
02301 7:00p-10:10p Tu Flint J RL Full Semester
02293 Lunde T ONLINE Full Semester
02295 Lunde T ONLINE Full Semester

FTC 102 – FIRE BEHAVIOR AND COMBUSTION 3.0 UNITS
This course explores the theories and fundamentals of how and why fires start, spread, and are controlled.

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rccd.instructure.com. There will be no instruction on-campus.

02306 11:55a-3:05p Tu Busch M RL Full Semester
02307 7:00p-10:10p Th Garrett B RL Full Semester
02303 Lunde T ONLINE Full Semester

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rccd.instructure.com. Email instructor on the first week of class. (lunde_ty@sac.edu)

02308 11:55a-3:05p Tu Busch M RL Full Semester
02309 7:00p-10:10p Th Garrett B RL Full Semester
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

SANTA ANA COLLEGE – FALL 2021

02305   Busch M ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Email instructor on the first week of class. (busch_michael@sac.edu)

FTC 103 – PRINCIPLES OF FIRE AND EMERGENCY SERVICES SAFETY AND SURVIVAL 3.0 UNITS
This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

02318  8:35a-11:45a  Th  Mead F RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

02315  7:00p-10:10p  W  Mead F RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

02308  Horner S ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Email instructor on the first week of class. (horner_stephen@sac.edu)

02309  Mead F ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Email instructor on the first week of class. (mead_frank@sac.edu)

FTC 104 – FIRE PREVENTION 3.0 UNITS
This course provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; community risk reduction; organization and operation of a fire prevention bureau; use and application of codes and standards; plan review; fire inspections; fire and life safety education; and fire investigation.
Prerequisite: Fire Technology 101 and 102 with minimum grade of C.

02325  8:35a-11:45a  W  Freeman S RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

02321  11:55a-3:05p  Tu  Freeman S RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

02323  7:00p-10:10p  Tu  Pesqueira N RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

02319  Muir J ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Email instructor on the first week of class. (muir_jon@sac.edu)

FTC 105 – BUILDING CONSTRUCTION FOR FIRE PROTECTION 3.0 UNITS
This course provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies.
Prerequisite: Fire Technology 101 and 102 with minimum grade of C.

02330  3:20p-6:30p  Th  Busch M RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

02332  7:00p-10:10p  Th  Conroy D RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times.
rsccd.instructure.com. There will be no instruction on-campus.

02326  Muir J ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Email instructor on the first week of class. (muir_jon@sac.edu)

Low cost or free textbooks:
OER
ZTC
HONORS
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

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**FTC 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.

<table>
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<th>Instructor</th>
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<th>Course Type</th>
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**FTC 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.

<table>
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**FTC 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.

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**FTC 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.
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<th>Course Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Delivery Format</th>
<th>Course Type</th>
<th>Time Unit</th>
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<td>ONLINE</td>
<td>Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Email instructor on the first week of class. (<a href="mailto:casillas_juliet@sac.edu">casillas_juliet@sac.edu</a>)</td>
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<td>02343</td>
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</table>

Low cost or free textbooks:
- OER
- ZTC
- HONORS
FRENCH (FREN)

FREN 101 – ELEMENTARY FRENCH I 5.0 UNITS
A college level French course focusing on fundamentals of pronunciation and grammar, basic vocabulary (including common idioms), simple conversation and composition. Supplementary cultural readings. French 101 is equivalent to two years of high school French.

98509 8:00a-10:30a Tu Th Curilli C RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rscd.instructure.com. There will be no instruction on-campus.

98512 4:00p-6:30p W Staff Nabulsia A HYBRID Full Semester
Hybrid Instruction. A combination of online instruction and 5 mandatory live streaming meetings on Canvas on Wednesdays, 8/25, 9/22, 10/20, 11/17, and 12/8 from 4:00 p.m. - 6:30 p.m. Students log in to Canvas rscd.instructure.com. There will be no instruction on-campus.

FREN 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.

98513 1:00p-3:30p Tu Th Nguyen M RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rscd.instructure.com. There will be no instruction on-campus.

GEOGRAPHY AND THE ENVIRONMENT (GEOG)

GEOG 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.

97674 Courter W ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

97675 Courter W ONLINE 09/07-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

97676 Conley J ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscd.instructure.com

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
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REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
GEOG 101 – INTRODUCTION TO THE NATURAL ENVIRONMENT 3.0 UNITS
Introduction to the physical elements of geography: maps, earth/sun relationships, meteorology and climatology, natural vegetation, soils, and geomorphology.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery Method</th>
<th>Term</th>
<th>Notes</th>
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<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
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<tr>
<td>00075</td>
<td>6:00p-9:10p</td>
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<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
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<td>99701</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com.</td>
</tr>
</tbody>
</table>

GEOG 101L – INTRODUCTION TO THE NATURAL ENVIRONMENT LABORATORY 1.0 UNIT
Laboratory exercises and experiments designed to explore and understand the primary areas of physical geography. Exercises and applications related to map scales and projections, stereoscopic, topographic and aerial photo interpretation, meteorological tools and models and weather prognostication, geomorphologic models and processes, and landform interpretation.
Corequisite: Concurrent enrollment in Geography 101.

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>Delivery Method</th>
<th>Term</th>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com.</td>
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GEOG 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>Delivery Method</th>
<th>Term</th>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com.</td>
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</table>

GEOLOGY (GEOL)

GEOL 101 – INTRODUCTION TO GEOLOGY 3.0 UNITS
Introductory course for students in any major. Study of the internal and external processes that shape the earth (earthquakes, volcanoes, groundwater, streams, landslides). Optional field trip offered.
Recommended Preparation: Concurrent enrollment in Geology 101L is recommended.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery Method</th>
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<td>Macias A</td>
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<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
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<td>99933</td>
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<td>Beach A</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
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</table>

GEOL 101L – INTRODUCTION TO GEOLOGY LABORATORY 1.0 UNIT
Study of the common minerals and rocks. Map reading and interpretation of geology using topographic maps, geologic maps, and aerial photos.
Prerequisite: Geology 101 with a minimum grade of C or concurrent enrollment in Geology 101.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery Method</th>
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<td>Coyne C</td>
<td>RL</td>
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<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
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ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

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Low cost or free textbooks:

OER

ZTC

HONORS
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<th>Location</th>
<th>Meeting Type</th>
<th>Notes</th>
<th>Semester</th>
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<tr>
<td>HIST 118</td>
<td>SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES</td>
<td>3.0</td>
<td>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.</td>
<td>Ri</td>
<td>1:40p-3:05p Tu Th</td>
<td>Lewis J  RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Fernandez L  RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>HIST 118</td>
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<td>Ri</td>
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<td>Lewis J  ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>HIST 120</td>
<td>THE UNITED STATES TO 1877</td>
<td>3.0</td>
<td>Examines major political, economic, intellectual, and social forces at home and abroad that shaped American life from the colonial period through Reconstruction.</td>
<td>Ri</td>
<td>8:35a-10:00a M W</td>
<td>Medina M  D-102</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Ri</td>
<td>1:40p-3:05p Tu Th</td>
<td>Deluna D  RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<tr>
<td>HIST 120H</td>
<td>HONORS THE UNITED STATES TO 1877</td>
<td>3.0</td>
<td>Seminar-style, content-enriched course for Honors students that examines major political, economic, intellectual, and social forces at home and abroad shaping American life from the colonial period through Reconstruction.</td>
<td>Ri</td>
<td>ONLINE</td>
<td>Ramirez A  ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>HIST 121</td>
<td>THE UNITED STATES SINCE 1865</td>
<td>3.0</td>
<td>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.</td>
<td>Ri</td>
<td>8:35a-10:00a Tu Th</td>
<td>Medina M  RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>HIST 120H</td>
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<td>10:20a-11:45a M W</td>
<td>Ramon Deluna  RL</td>
<td>Full Semester</td>
<td>Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
<td>08/23-10/17</td>
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<td>Stanfield A  ONLINE</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>Ramirez A  ONLINE</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Guzman K  RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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</tbody>
</table>

- **ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times
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- **Low cost or free textbooks:**
  - **OER**
  - **ZTC**
  - **HONORS**
<table>
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<tr>
<th>CRN</th>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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**HIST 123 – AFRICAN AMERICAN HISTORY TO 1865**  
3.0 UNITS  
Surveys the history of African Americans in the United States from their African origins through the Civil War. Emphasizes African American impact on U.S. economic and political life, and highlights the effect slavery had on selected American thinkers.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Type</th>
<th>Location</th>
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<tr>
<td></td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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</tbody>
</table>

**HIST 124 – MEXICAN AMERICAN HISTORY IN THE UNITED STATES**  
3.0 UNITS  
Survey of Mexican American history in the U.S. from the Pre-Columbian period to the present. Emphasis on Mexican American contributions to the political, social, economic, and cultural development of the U.S. Will also examine the relationship of Mexican Americans to other cultural groups.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Type</th>
<th>Location</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>99858</td>
<td>10:20a-11:45a</td>
<td>Tu Th</td>
<td>Guzman K</td>
<td>D-103</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td>99853</td>
<td>11:55a-1:20p</td>
<td>Tu Th</td>
<td>Guzman K</td>
<td>D-103</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td>99855</td>
<td>6:30p-9:40p</td>
<td>Th</td>
<td>Ramirez A</td>
<td>RL</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td></td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
<td></td>
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</tr>
</tbody>
</table>

**HIST 124H – HONORS MEXICAN AMERICAN HISTORY IN THE UNITED STATES**  
3.0 UNITS  
Enriched and intensive survey of Mexican American history in the U.S. from the Pre-Columbian period to the present. Utilizing a seminar approach, emphasis on Mexican American contributions to the political, social, economic, and cultural development of the U.S. Will also examine the relationship of Mexican Americans to other cultural groups.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Type</th>
<th>Location</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>99842</td>
<td>Guzman K</td>
<td>ONLINE</td>
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<td>Full Semester</td>
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</tr>
<tr>
<td></td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.</td>
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<tr>
<td>99843</td>
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<td>ONLINE</td>
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<td>Full Semester</td>
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</tr>
<tr>
<td></td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.</td>
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<tr>
<td>99844</td>
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<tr>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.</td>
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</tbody>
</table>

**HIST 124H – HONORS MEXICAN AMERICAN HISTORY IN THE UNITED STATES**  
3.0 UNITS  
Enriched and intensive survey of Mexican American history in the U.S. from the Pre-Columbian period to the present. Utilizing a seminar approach, emphasis on Mexican American contributions to the political, social, economic, and cultural development of the U.S. Will also examine the relationship of Mexican Americans to other cultural groups.
## HIST 125 – NATIVE AMERICANS IN THE U.S. 3.0 UNITS
An historical and contemporary survey of Native Americans in the United States, including the development of tribes and nations, and the cultural practices of Native Americans today. Field trips may be required.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery Mode</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>99863</td>
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<td>Tu Th</td>
<td>Ramirez A</td>
<td>RL</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

## HIST 127 – WOMEN IN U.S. HISTORY 3.0 UNITS
Women of European, African, Native, Hispanic, and Asian backgrounds examined in U.S. 1607-present. Emphasis on individuation, social status, family, reproduction, child care, slavery, jobs, and political activism. Legal impact and theories of patriarchal oppression raised.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery Mode</th>
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<tr>
<td>99860</td>
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<td>Tu Th</td>
<td>Lange M</td>
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</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

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<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery Mode</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
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<td>Lange M</td>
<td>ONLINE</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

## HIST 150 – LATIN AMERICAN CIVILIZATION TO INDEPENDENCE 3.0 UNITS
A study of Latin American civilization from the Indian, African, and European origins to Independence. Topics include native cultures, Spanish and Portuguese colonialism, the evolution of regional societies, and intellectual trends.

<table>
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<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery Mode</th>
<th>Semester</th>
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<tr>
<td>99868</td>
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<td>Lange M</td>
<td>RL</td>
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</tbody>
</table>

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

## HIST 153 – HISTORY OF MEXICO 3.0 UNITS
Mexican history from the pre-Columbian period to the present. Includes social, political, economic, and cultural growth of the Mexican nation. Emphasis on cultural and political development.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery Mode</th>
<th>Semester</th>
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</thead>
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<tr>
<td>99861</td>
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<td>M W</td>
<td>Ramirez A</td>
<td>RL</td>
<td>Full Semester</td>
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</tbody>
</table>

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

## INFORMATION STUDIES (INFO)

### INFO 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.

<table>
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<tr>
<th>CRN</th>
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<th>Delivery Mode</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>01404</td>
<td>8:35a-10:00a</td>
<td>Patch N</td>
<td>ONLINE</td>
<td>10/18-12/12</td>
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</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

<table>
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<th>CRN</th>
<th>Time</th>
<th>Instructor</th>
<th>Delivery Mode</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>01406</td>
<td>8:35a-10:00a</td>
<td>Pedroza L</td>
<td>ONLINE</td>
<td>Full Semester</td>
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</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Instructor</th>
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</tr>
</thead>
<tbody>
<tr>
<td>02900</td>
<td>8:35a-10:00a</td>
<td>Staff</td>
<td>ONLINE</td>
<td>08/23-10/17</td>
</tr>
</tbody>
</table>

Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

### INFO 103 – RESEARCHING IN THE DIGITAL AGE 1.0 UNIT
This course focuses on library research strategies for effectively locating and evaluating information on the Internet. Central topics are formulating search strategies, understanding how to form search expressions, evaluating information, and citing resources.

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<tr>
<th>CRN</th>
<th>Time</th>
<th>Instructor</th>
<th>Delivery Mode</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>01409</td>
<td>8:35a-10:00a</td>
<td>King J</td>
<td>ONLINE</td>
<td>08/23-10/18</td>
</tr>
</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

### Delivery Options
- **ONLINE (O)**: Time-flexible online lecture and materials with no scheduled meeting times
- **HYBRID (H)**: Combination of online and live scheduled web or on-campus meetings
- **REMOTE LIVE (RL)**: Live scheduled web meetings during published course times
- **REMOTE BLENDED (RB)**: Live scheduled web & on-campus meetings during published dates and times
- **FACE TO FACE (F2F)**: Meetings are on-campus during published course times

### Textbooks
- **Low cost or free textbooks:**
  - **OER**
  - **ZTC**
  - **HONORS**
INTERDISCIPLINARY STUDIES (IDS)

IDS 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.

00980 Kehlenbach E ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

IDS 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.

01025 11:55a-1:20p Tu Th Beiner C RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

ITALIAN (ITAL)

ITAL 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.

98379 Mehr M HYBRID Full Semester
9:30a-12:00p W Staff CANVAS
Hybrid Instruction. A combination of online instruction and 5 mandatory live streaming meetings on Canvas on Wednesdays, 8/25, 9/22, 10/20, 11/17, and 12/8 from 9:30 a.m. - 12:00 p.m. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

99882 Ito M HYBRID Full Semester
11:00a-1:30p W Staff CANVAS
Hybrid Instruction. A combination of online instruction and 5 mandatory live streaming meetings on Canvas on Wednesdays, 8/25, 9/22, 10/20, 11/17, and 12/8 from 11:00 a.m-1:30 p.m. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

99888 Ito M HYBRID Full Semester
3:00p-5:30p Tu Staff CANVAS
Hybrid Instruction. A combination of online instruction and 5 mandatory live streaming meetings on Canvas on Tuesdays, 8/24, 9/21, 10/19, 11/16, and 12/7 from 3:00-5:30 p.m. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

JAPANESE (JAPN)

JAPN 101 – ELEMENTARY JAPANESE I 5.0 UNITS
A college level Japanese course focusing on fundamentals of pronunciation and grammar, basic vocabulary (including common idioms), simple conversation, and composition. Supplementary cultural readings. Japanese 101 is equivalent to two years of high school Japanese.

99882 Ito M HYBRID Full Semester
11:00a-1:30p W Staff CANVAS
Hybrid Instruction. A combination of online instruction and 5 mandatory live streaming meetings on Canvas on Wednesdays, 8/25, 9/22, 10/20, 11/17, and 12/8 from 11:00 a.m-1:30 p.m. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

JAPN 102 – ELEMENTARY JAPANESE II 5.0 UNITS
A college level Japanese course focusing on further training in language skills, providing avenues for the expression of ideas in both oral and written forms. Additional study of culture. Japanese 102 is equivalent to the third year of high school Japanese.
Prerequisite: Japanese 101 with a minimum grade of C or equivalent, or two years of high school Japanese with a passing grade.

98381 11:45a-2:15p Tu Th Brenish S RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

Low cost or free textbooks:

- OER
- ZTC
- HONORS
KINESIOLOGY ACTIVITIES (KNAC)

KNAC 107A – BEGINNING BADMINTON 1.0 UNIT
This course is designed to introduce students to a racket sport, the sport of badminton. Emphasis is placed on the proper technique of the basic skills required in badminton, rules, scoring, and safety. Instruction and practice will include the proper grip, under-hand serve, drives, clears, drops, and smashes. This course is offered as a half-unit or one-unit class and may not be repeated.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>02134</td>
<td>10:20a-11:45a</td>
<td>M W</td>
<td>Staff</td>
<td>G-105</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

KNAC 107B – INTERMEDIATE BADMINTON 1.0 UNIT
This course is designed to review and solidify the basic techniques and rules associated with the game of badminton. Emphasis is placed on proper footwork and the technical aspects associated with the game. This course is offered as a half unit or one unit class and may not be repeated.

Prerequisite: Kinesiology Activities 107A with a minimum grade of C.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>02135</td>
<td>10:20a-11:45a</td>
<td>M W</td>
<td>Staff</td>
<td>G-105</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

KNAC 107C – ADVANCED BADMINTON 1.0 UNIT
This course is designed to review and solidify the proper footwork and intermediate techniques associated with the game of badminton. Emphasis is placed on tactical game awareness of both singles and doubles play. This course is offered as a half unit or one unit class and may not be repeated.

Prerequisite: Kinesiology Activities 107B with a minimum grade of C.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
<th>Type</th>
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<tbody>
<tr>
<td>02137</td>
<td>10:20a-11:45a</td>
<td>M W</td>
<td>Staff</td>
<td>G-105</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

KNAC 123 – PERSONAL FITNESS TRAINING 1.0 UNIT
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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>02169</td>
<td>Jones G</td>
<td>ONLINE</td>
<td>08/23-10/17</td>
</tr>
</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

<table>
<thead>
<tr>
<th>Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>02170</td>
<td>Jones G</td>
<td>ONLINE</td>
<td>08/23-10/17</td>
</tr>
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</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

<table>
<thead>
<tr>
<th>Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>02171</td>
<td>Jones G</td>
<td>ONLINE</td>
<td>10/18-12/12</td>
</tr>
</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

<table>
<thead>
<tr>
<th>Code</th>
<th>Instructor</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>02172</td>
<td>Staff</td>
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<td>10/18-12/12</td>
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</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.

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<thead>
<tr>
<th>Code</th>
<th>Instructor</th>
<th>Type</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>02174</td>
<td>Jones G</td>
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<td>Full Semester</td>
</tr>
</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. LOCATION: MIDDLE COLLEGE HIGH SCHOOL. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- **OER**
- **ZTC**
- **HONORS**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Meeting Times</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNAC 140A</td>
<td>BEGINNING KARATE</td>
<td>1.0</td>
<td>This course is designed to offer instruction in the Japanese art of Karate for beginning level students. Basic movements such as stances, blocking, kicking and striking are taught. This course is offered as a half unit or one unit class and may not be repeated.</td>
<td>02146 6:30p-9:40p Th</td>
<td>Juliano R</td>
<td>W-111</td>
<td>Full Semester</td>
</tr>
<tr>
<td>KNAC 150A</td>
<td>BEGINNING HATHA YOGA</td>
<td>1.0</td>
<td>This course is designed as an introduction to the practice of Hatha Yoga. Emphasis will be placed on proper breathing techniques and learning basic yoga postures. These postures are designed to improve muscle tone and flexibility, as well as helping with breath control, relaxation, and unity of mind, body, and spirit. This course is offered as a half unit or one unit class and may not be repeated.</td>
<td>02127 10:20a-11:45a Tu Th</td>
<td>Johnson J</td>
<td>W-107</td>
<td>Full Semester</td>
</tr>
<tr>
<td>KNAC 155A</td>
<td>BEGINNING SELF-DEFENSE</td>
<td>1.0</td>
<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. This course is offered as a half unit or one unit class and may not be repeated.</td>
<td>02145 6:30p-9:40p Tu</td>
<td>Juliano R</td>
<td>W-111</td>
<td>Full Semester</td>
</tr>
<tr>
<td>KNAC 170A</td>
<td>BEGINNING YOGA</td>
<td>1.0</td>
<td>This course is designed to increase flexibility and core muscle strength as a way of improving and enhancing physical and mental alertness through beginning yoga postures. Emphasis will be placed on mind body preparation and the proper technique necessary to perform these postures. This course is offered as a half unit or one unit class and may not be repeated.</td>
<td>02149 7:00a-8:25a M W</td>
<td>Celis J</td>
<td>W-107</td>
<td>Full Semester</td>
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<tr>
<td>KNAC 215A</td>
<td>BEGINNING SELF-DEFENSE</td>
<td>1.0</td>
<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. This course is offered as a half unit or one unit class and may not be repeated.</td>
<td>02155 7:45p-9:10p M W</td>
<td>Gracia-Iris H</td>
<td>W-107</td>
<td>Full Semester</td>
</tr>
<tr>
<td>KNAC 260A</td>
<td>BEGINNING SOCCER</td>
<td>1.0</td>
<td>This course is an introduction to the beginning skills and rules associated with the sport of soccer. Emphasis will be placed on the proper technique used for these beginning skills as well as FIFA Laws of the Game. This course is offered as a half unit or one unit class and may not be repeated.</td>
<td>02139 8:00a-11:10a F</td>
<td>Staff</td>
<td>G-118</td>
<td>Full Semester</td>
</tr>
<tr>
<td>KNAC 260B</td>
<td>INTERMEDIATE SOCCER</td>
<td>1.0</td>
<td>This course is designed to review and solidify the proper techniques associated with outdoor soccer and FIFA Laws of the Game. The intermediate skills necessary as well as the tactical aspects of the game will be introduced. Emphasis will be placed on improving the students technical abilities and tactical team formations used in the game of soccer. This course is offered as a half unit or one unit class and may not be repeated.</td>
<td>02141 8:00a-11:10a F</td>
<td>Staff</td>
<td>G-118</td>
<td>Full Semester</td>
</tr>
<tr>
<td>KNAC 260C</td>
<td>ADVANCED SOCCER</td>
<td>1.0</td>
<td>This course is designed to review and solidify the proper techniques associated with intermediate level outdoor soccer as well as the tactical aspects that were introduced. Emphasis will be placed on complete technical and tactical match preparedness and awareness. This course is offered as a half unit or one unit class and may not be repeated.</td>
<td>02142 8:00a-11:10a F</td>
<td>Staff</td>
<td>G-118</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

**KINESIOLOGY ADAPTED ACTIVITIES (KNAD)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Meeting Times</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>KNAD 202A</td>
<td>BEGINNING ADAPTED CIRCUIT TRAINING</td>
<td>1.0</td>
<td>This class is designed for students with disabilities and chronic conditions to experience the benefits of circuit training. Individualized exercise programs are designed to teach students adaptive strategies and beginning level techniques to meet their individual needs. This course is offered as a half-unit or one-unit class and may not be repeated.</td>
<td>02177 10:20a-11:45a Tu Th</td>
<td>Sos B</td>
<td>W-106</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

**Legend:**
- **O** Time-flexible online lecture and materials with no scheduled meeting times
- **H** Combination of online and live scheduled web or on-campus meetings
- **RL** Live scheduled web meetings during published course times
- **RB** Live scheduled web & on-campus meetings during published dates and times
- **F2F** Meetings are on-campus during published course times
- **OER** Low cost or free textbooks:
- **ZTC** Honors
## KNAD 202B – INTERMEDIATE ADAPTED CIRCUIT TRAINING

The class is designed for students with disabilities and chronic conditions to increase their knowledge and skills competence in circuit training. Individualized exercise programs are designed to teach students adaptive strategies and intermediate level techniques to meet their individual needs. This course is offered as a half-unit or one-unit class and may not be repeated. **Prerequisite:** Kinesiology Adapted Activities 202A with a minimum grade of C and Adapted Kinesiology Medical Release Form required.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02180</td>
<td>10:20a-11:45a</td>
<td>Tu Th</td>
<td>Sos B</td>
<td>W-106</td>
</tr>
</tbody>
</table>

## KINESIOLOGY AEROBIC FITNESS (KNAF)

### KNAF 140A – BEGINNING WALKING/JOGGING FOR FITNESS

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. This course is offered as a half unit or one unit class and may not be repeated.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02039</td>
<td>8:35a-10:00a</td>
<td>Tu Th</td>
<td>Nutter K</td>
<td>W-107</td>
</tr>
</tbody>
</table>

### KNAF 144A – BEGINNING CROSS TRAINING

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 walk/jog, step training, cardio boxing, weight training, and flexibility work-outs. This course is offered as a half unit or one unit class and may not be repeated.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02040</td>
<td>10:20a-11:45a</td>
<td>Tu Th</td>
<td>Nutter K</td>
<td>E-102</td>
</tr>
</tbody>
</table>

### KNAF 156A – BEGINNING CARDIO KICKBOXING

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. This course is offered as a half unit or one unit class and may not be repeated. **Prerequisite:** Kinesiology Aerobic Fitness 156A with a minimum grade of C

<table>
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<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>02147</td>
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<td>Celis J</td>
<td>W-107</td>
</tr>
<tr>
<td>02153</td>
<td>6:10p-7:35p</td>
<td>M W</td>
<td>Gracia-Iris H</td>
<td>W-107</td>
</tr>
</tbody>
</table>

### KNAF 156B – INTERMEDIATE CARDIO KICKBOXING

A series of boxing and kickboxing exercises are arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program. This class is designed to increase competence in kicking and punching, calisthenics, and rope jumping in various combinations to improve fitness. Students will further develop intermediate level self-defense techniques on kick pads and focus mitts to improve accuracy and provide resistance for the muscles. This course is offered as a half unit or one unit class and may not be repeated. **Prerequisite:** Kinesiology Aerobic Fitness 156A with a minimum grade of C

<table>
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<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>02148</td>
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<td>W-107</td>
</tr>
<tr>
<td>02154</td>
<td>6:10p-7:35p</td>
<td>M W</td>
<td>Gracia-Iris H</td>
<td>W-107</td>
</tr>
</tbody>
</table>

## KINESIOLOGY AQUATICS (KNAQ)

### KNAQ 201A – BEGINNING SWIMMING

Instruction and experience in the basic stroke techniques and safety procedures of swimming. This course is offered as a half unit or one unit class and may not be repeated.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02065</td>
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<tr>
<td>03090</td>
<td>10:20a-11:45a</td>
<td>Tu Th</td>
<td>Staff</td>
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</tr>
</tbody>
</table>

### KNAQ 201B – LAP SWIMMING

Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training. This course is offered as a half unit or one unit class and may not be repeated.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>03091</td>
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<td>10:20a-11:45a</td>
<td>M W</td>
<td>Nilles T</td>
<td>G-121</td>
</tr>
</tbody>
</table>
KINESIOLOGY FITNESS (KNFI)

KNFI 112A – BEGINNING CIRCUIT TRAINING 1.0 UNIT
An introduction to fundamental principles and practices of circuit training including safety, using cardiovascular and resistance machines, and components of exercise. This course provides the basics of a comprehensive exercise program that combines cardiovascular exercises with strength training. This course is offered as a half-unit or one-unit class and may not be repeated.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Catalog</th>
<th>Type</th>
<th>Notes</th>
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<tbody>
<tr>
<td>02008</td>
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<td>Semester</td>
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<td>02025</td>
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<td>Macdonald J</td>
<td>E-102</td>
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<td>Semester</td>
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<td>02028</td>
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<td>Macdonald J</td>
<td>E-102</td>
<td>Full</td>
<td>Semester</td>
</tr>
</tbody>
</table>

KNFI 112B – INTERMEDIATE CIRCUIT TRAINING 1.0 UNIT
A continuation of exercise principles and practices of circuit training covered in Beginning Circuit Training. This course is designed to help students increase cardiovascular conditioning using a combination of resistive strength exercises and endurance training. Must complete Beginning Circuit Training prior to enrollment. This course is offered as a half-unit or one-unit class and may not be repeated.

Prerequisite: Kinesiology Fitness 112A with a minimum grade of C/P.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Catalog</th>
<th>Type</th>
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<tbody>
<tr>
<td>02009</td>
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<td>Macdonald J</td>
<td>E-102</td>
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<td>Semester</td>
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<td>Macdonald J</td>
<td>E-102</td>
<td>Full</td>
<td>Semester</td>
</tr>
</tbody>
</table>

KNFI 112C – ADVANCED CIRCUIT TRAINING 1.0 UNIT
An individualized fitness program developed to promote lifetime fitness. Employs a combination of cardiovascular machines (treadmill, steppers, bicycles, elliptical, rower, etc.), and resistance machines. This course is designed as a continuation of Intermediate Circuit Training and promotes increased cardiovascular and muscular endurance. Educates students on the principles of nutrition and the body’s adaptation to exercise. This course is offered as a half-unit or one-unit class and may not be repeated.

Prerequisite: Kinesiology Fitness 112B with a minimum grade of C/P.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Catalog</th>
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<td>Macdonald J</td>
<td>E-102</td>
<td>Full</td>
<td>Semester</td>
</tr>
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<td>02030</td>
<td>11:55a-1:20p</td>
<td>Tu Th</td>
<td>Macdonald J</td>
<td>E-102</td>
<td>Full</td>
<td>Semester</td>
</tr>
</tbody>
</table>

KNFI 114A – BEGINNING SPINNING 1.0 UNIT
This class is geared towards improving one's cardiovascular fitness and muscular strength through a spinning program on a stationary bike. The program covers two basic types of terrain: flat roads and hillstr through changes in resistance and positions. Spinning emphasizes everyone's individual needs, regardless of athletic ability, taught in a group atmosphere. This course is offered as a half unit or one unit class and may not be repeated.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Catalog</th>
<th>Type</th>
<th>Notes</th>
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<tbody>
<tr>
<td>02128</td>
<td>8:35a-10:00a</td>
<td>Tu Th</td>
<td>Johnson J</td>
<td>E-102</td>
<td>Full</td>
<td>Semester</td>
</tr>
</tbody>
</table>

KNFI 114B – INTERMEDIATE SPINNING 1.0 UNIT
Individualized spinning program designed to improve spinning technique and cardiovascular fitness. Emphasis on endurance training. This course is offered as a half unit or one unit class and may not be repeated.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Catalog</th>
<th>Type</th>
<th>Notes</th>
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<tbody>
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<td>Tu Th</td>
<td>Johnson J</td>
<td>E-102</td>
<td>Full</td>
<td>Semester</td>
</tr>
</tbody>
</table>

KNFI 147A – BEGINNING WEIGHT TRAINING 1.0 UNIT
Introductory instruction in basic weight lifting concepts and experiential practice in large muscle area development utilizing guided and free weights. Development will be in muscle size or tone and strength or endurance. This course is offered as a half unit or one unit class and may not be repeated.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Catalog</th>
<th>Type</th>
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</thead>
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<tr>
<td>02015</td>
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<td>M W</td>
<td>Macdonald J</td>
<td>G-103</td>
<td>Full</td>
<td>Semester</td>
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<td>Macdonald J</td>
<td>G-103</td>
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<td>Semester</td>
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<td>Macdonald J</td>
<td>G-103</td>
<td>Full</td>
<td>Semester</td>
</tr>
<tr>
<td>02021</td>
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<td>M W</td>
<td>Macdonald J</td>
<td>G-103</td>
<td>Full</td>
<td>Semester</td>
</tr>
</tbody>
</table>

KNFI 147B – INTERMEDIATE WEIGHT TRAINING 1.0 UNIT
This course is designed for students to increase their knowledge and skills competence in large muscle area development utilizing free weights. Individualized exercise programs are designed to teach students intermediate level strategies and techniques. Development will be in muscle size or tone and strength or endurance. This course is offered as a half unit or one unit class and may not be repeated.

Prerequisite: Kinesiology Fitness 147A with a minimum grade of C

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>02016</td>
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<td>M W</td>
<td>Macdonald J</td>
<td>G-103</td>
<td>Full</td>
<td>Semester</td>
</tr>
<tr>
<td>02020</td>
<td>8:35a-10:00a</td>
<td>Tu Th</td>
<td>Macdonald J</td>
<td>G-103</td>
<td>Full</td>
<td>Semester</td>
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<tr>
<td>02018</td>
<td>10:20a-11:45a</td>
<td>M W</td>
<td>Macdonald J</td>
<td>G-103</td>
<td>Full</td>
<td>Semester</td>
</tr>
</tbody>
</table>

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks: OER ZTC HONORS
A comprehensive look at factors that impact people's health, longevity and lifestyle wellness. Areas covered will be personal fitness, nutrition, drugs, alcohol and tobacco, AIDS and sexually transmitted diseases, and degenerative diseases including cancer, heart disease, strokes and diabetes.

KNHE 101 – HEALTHFUL LIVING
3.0 UNITS

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

KNHE 102 – WOMEN’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. Critically examines literature and media to identify interventions within a masculinuity framework to improve men’s health outcomes. Identification of positive outcomes of healthy men at home, work, and in society.

KNHE 103 – MEN’S HEALTH ISSUES
3.0 UNITS

A comprehensive look at factors that impact people's health, longevity and lifestyle wellness. Areas covered will be personal fitness, nutrition, drugs, alcohol and tobacco, AIDS and sexually transmitted diseases, and degenerative diseases including cancer, heart disease, strokes and diabetes.

KNHE 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.

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
02024  5:00p-5:50p  M W  Macdonald J  F-103  Full Semester

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

02005  Abbey T  ONLINE  08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

02006  Abbey T  ONLINE  10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

**KNHE 106 – CARDIOPULMONARY RESUSCITATION AND FIRST AID  3.0 UNITS**

This course involves the theory and detailed demonstration of the first aid care of the injured. The student 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.

02051  6:00p-10:00p  F  Nilles T  HYBRID  Full Semester
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. Mandatory on-campus meetings on Friday 9/3, 10/15, 12/3, 6:00pm-10:00pm, SAC G-107

**KNHE 108 – STRESS MANAGEMENT  3.0 UNITS**

This course examines productive and nonproductive stress and the influence of various types of stress on health and wellness. Topics include the physiological aspects of stress and its effects on health, assessments of personal coping style, strategies for coping effectively with stress, relaxation techniques, mindful awareness, and positive self-talk. Emphasis is placed on practical application of stress management techniques in daily life. (CSU) (UC Credit Limitation) (Degree Credit) AA GE, CSU GE

02001  Baquero J  ONLINE  08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

02033  Nutter K  ONLINE  Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

02034  Nutter K  ONLINE  08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

02035  Nutter K  ONLINE  10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

**KINESIOLOGY INTERCOLLEGIATE ATHLETICS (KNIA)**

**KNIA 128 – CONDITIONING FOR ATHLETES  1.0 UNIT**

An exercise program designed for athletes who participate in intercollegiate sports. Emphasis will be on the development of speed, endurance, flexibility, and strength. This course is offered as a half-unit or one-unit class.

02144  2:30p-3:55p  Tu Th  Gonzales F  G-103  Full Semester

02011  3:35p-5:00p  M W  Breig D  G-103  Full Semester

**KNIA 202 – BASKETBALL-MEN  3.0 UNITS**

This course is designed for student athletes with exceptional basketball talent so they may compete in intercollegiate basketball. Emphasis is placed upon application of collegiate basketball rules and regulations, offensive and defensive skills and strategies, and mental set for competition. Students must meet CCCAA eligibility requirements and pass a health screening prior to intercollegiate competition.

02012  1:25p-3:25p  M W F  Breig D  G-105  Full Semester
3:25p-5:25p  Tu Th  Breig D  G-105  Full Semester

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**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- **OER**
- **ZTC**
- **HONORS**
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:

OER

ZTC

HONORS

---

KNIA 204 – FOOTBALL-MEN

This course is designed for students with exceptional football talent so they may compete in intercollegiate football. The program provides competition with conference colleges as well as with other California community colleges. Students must meet CCCAA eligibility requirements and pass a health screening prior to participation.

Material Fee(s): $25.00

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>02185</td>
<td>4:00p-6:30p</td>
<td>M Tu W Th F</td>
<td>Nyssen A</td>
<td>G-113</td>
<td>08/23</td>
<td>11/19</td>
</tr>
</tbody>
</table>

KNIA 210 – WRESTLING-MEN

This course is designed for student athletes with exceptional combative skills so they may compete in intercollegiate wrestling. Emphasis is placed on successful techniques and strategies for intercollegiate competition. Students must meet CCCAA eligibility requirements and pass a health screening prior to participation.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
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</thead>
<tbody>
<tr>
<td>02126</td>
<td>4:00p-6:00p</td>
<td>M Tu W Th F</td>
<td>Silva V</td>
<td>W-111</td>
<td>Full Semester</td>
<td></td>
</tr>
</tbody>
</table>

KNIA 212 – BASKETBALL-WOMEN

This course is designed for student-athletes with exceptional basketball talent so they may compete in intercollegiate competition. 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
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</thead>
<tbody>
<tr>
<td>02158</td>
<td>3:25p-5:25p</td>
<td>M W F</td>
<td>Luppani M</td>
<td>G-105</td>
<td>Full Semester</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5:25p-7:25p</td>
<td>Tu Th</td>
<td>Luppani M</td>
<td>G-105</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

KNIA 213 – VOLLEYBALL-WOMEN

This course is designed for student athletes with exceptional volleyball talent so they may compete in intercollegiate competition. 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
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<tbody>
<tr>
<td>02007</td>
<td>2:00p-4:00p</td>
<td>M</td>
<td>Abbey T</td>
<td>W-107</td>
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<td></td>
</tr>
<tr>
<td>1:25p-3:25p</td>
<td>Tu Th</td>
<td>Staff</td>
<td>G-105</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:25p-7:25p</td>
<td>W F</td>
<td></td>
<td>G-105</td>
<td></td>
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</tr>
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KNIA 216 – SOCCER-MEN

This soccer class is designed for student-athlete sport competition. Emphasis is placed on advanced technical and tactical development. Students must meet CCCAA eligibility requirements and pass a health screening prior to competition.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
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</thead>
<tbody>
<tr>
<td>02125</td>
<td>2:50p-4:50p</td>
<td>M Tu W Th F</td>
<td>Vasquez J</td>
<td>G-118</td>
<td>Full Semester</td>
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</tr>
</tbody>
</table>

KNIA 219 – CROSS COUNTRY-WOMEN

This course is designed for student athletes with advanced running skills so they may compete in intercollegiate cross country. Emphasis is placed upon application of cross country techniques, advanced training modalities, rules and regulations of the sport and strategies for successful intercollegiate competition. Students must meet CCCAA eligibility requirements and pass a health screening prior to participation.

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<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
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<td>Mitzel M</td>
<td>G-113</td>
<td>Full Semester</td>
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</tbody>
</table>

KNIA 220 – SOCCER-WOMEN

This soccer class is designed for student-athlete sport competition. Emphasis is placed on advanced technical and tactical development. Students must meet CCCAA eligibility requirements and pass a health screening prior to competition.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
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</thead>
<tbody>
<tr>
<td>01999</td>
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<td>M Tu W Th F</td>
<td>Baquero J</td>
<td>G-118</td>
<td>08/23</td>
<td>11/26</td>
</tr>
</tbody>
</table>

KNIA 223 – BASEBALL

This course is designed for skill development and conditioning for intercollegiate baseball players. Emphasis is placed upon instruction and training in the skills, fundamentals, knowledge, strategies, conditioning, and teamwork required for intercollegiate level baseball. This course is offered as a half-unit or one-unit class in the class schedule.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
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<th>Instructor</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>02055</td>
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<td>M W</td>
<td>Luppani M</td>
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<td>Full Semester</td>
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<tr>
<td>02130</td>
<td>3:10p-4:05p</td>
<td>Tu Th</td>
<td>Ross M</td>
<td>G-120</td>
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<td></td>
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</tbody>
</table>
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

SANTA ANA COLLEGE – FALL 2021 Page 161

KNIA 235 – SPEED AND AGILITY 1.0 UNIT
This class includes instruction on linear speed, non-linear speed, and jumping ability using state of the art plyometric training and speed specific training tools. This course is offered as a half-unit or one-unit class.

02060 11:50a-1:15p M W Nilles T G-114 Full Semester

KNIA 271 – SOFTBALL - OFF SEASON 1.0 UNIT
This course is designed for skills development and conditioning for exceptional softball players interested in intercollegiate competition. Basic skills and fundamentals of catching, throwing, pitching, hitting and baserunning will be discussed. Offensive and defensive techniques and strategies will be practiced. This course is offered as a half-unit or one-unit class.

02131 1:30p-3:00p Tu W Th Ross M G-120 08/23-11/18

KINESIOLOGY PROFESSIONAL (KNPR)

KNPR 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.

00313 8:35a-10:00a Tu Th Sos B W-101 Full Semester
02166 ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

KNPR 110 – KINESIOLOGY-RELATED OCCUPATIONAL WORK EXPERIENCE 1.0 - 4.0 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 5 section 55253; however, only 1 unit may be applied toward major requirements or a certificate.
Prerequisite: Students must be concurrently enrolled or have completed KNSM 101 or the Fitness Specialist Certificate Program. Application must be approved by the Kinesiology Department Chair.
Open Entry / Open Exit

02063 ONLINE Full Semester

KNPR 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.

02159 ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

02160 ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

KNPR 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.

01965 ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

01966 ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

03297 ONLINE 08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

LOW COST OR FREE TEXTBOOKS:

OER
ZTC
HONORS
**KNPR 156 – SPORT PSYCHOLOGY APPLICATIONS - SOCCER** 2.0 UNITS
This course provides advanced mental training to improve soccer performance. Theories, strategies, and best practices include; mental set, arousal and performance, mental imagery, and motivation as they pertain to preparing for soccer competition. Students will develop necessary knowledge and skills to prepare for intercollegiate competition as well as self-assess readiness for transfer and the selection of transfer program.

Open Entry / Open Exit

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Meeting Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02000</td>
<td>Baquero J</td>
<td>HYBRID</td>
<td>Tu</td>
<td>11:55a-12:45p</td>
<td>F-102</td>
<td>Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com.</td>
</tr>
</tbody>
</table>

**KNPR 170 – SPORT ETHICS** 3.0 UNITS
A class designed to examine ethics, moral questions, and value judgments 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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Meeting Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02161</td>
<td>Luppani M</td>
<td>ONLINE</td>
<td>Staff</td>
<td>8:35a-10:00a</td>
<td>W-101</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
</tr>
</tbody>
</table>

**KNPR 175 – THEORY OF FOOTBALL** 2.0 UNITS
Tactics and strategies applied to specific game situations incorporating evaluation of opponent’s development of game plan including offense, defense, and the kicking game.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Meeting Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02188</td>
<td>Nyssen A</td>
<td>F-102</td>
<td>M W F</td>
<td>3:00p-3:50p</td>
<td>08/23-11/19</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
</tr>
</tbody>
</table>

**KNPR 196 – SPORT PSYCHOLOGY APPLICATIONS - BASEBALL** 2.0 UNITS
This class provides advanced mental training to improve baseball performance. Theories, strategies, and best practices include; mental set, arousal and performance, mental imagery, and motivation as they pertain to preparing for baseball competition. Students will develop necessary knowledge and skills to prepare for intercollegiate competition as well as self-assess readiness for transfer and the selection of transfer program.

Open Entry / Open Exit

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Meeting Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02074</td>
<td>Nilles T</td>
<td>ONLINE</td>
<td>Tu Th</td>
<td>8:35a-10:00a</td>
<td>F-103</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.</td>
</tr>
</tbody>
</table>

**KNMS 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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Meeting Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02088</td>
<td>Cuevas J</td>
<td>ONLINE</td>
<td>Staff</td>
<td>6:00p-9:10p</td>
<td>F-103</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>

**KINESIOLOGY SPORTS MEDICINE (KNMS)**

**LAW (LAW)**
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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Meeting Type</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>00843</td>
<td>De La Torre M</td>
<td>RL</td>
<td>Th</td>
<td>6:00p-9:10p</td>
<td></td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com.</td>
</tr>
</tbody>
</table>
**LAW 100 – LAW AND SOCIETY**
3.0 UNITS
Overview of the legal system including the courts, participants and various sources of law in the American legal system. Review of the legal and judicial process in the United States covering the adversarial system, jurisdiction of federal and state courts, and the general process of judicial review. Explanation of different sources of law including statutes, court cases and administrative agency rules. Review of basic legal reasoning and introductory legal research methods. Examination of legal ethics. Introduction to substantive areas of law and the effect the law has in various groups and individuals in our system. Same as PARA 100

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Days</th>
<th>Instructor</th>
<th>Type</th>
<th>Time</th>
<th>Notes</th>
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<tr>
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<td>3.0</td>
<td>M W</td>
<td>Robinson K</td>
<td>HYBRID</td>
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<td></td>
<td></td>
<td>Robinson K</td>
<td>HYBRID</td>
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<td>HYBRID</td>
<td>10/18-12/12</td>
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<td>HYBRID</td>
<td>10/18-12/12</td>
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</tbody>
</table>

**LAW 105 – THE LEGAL ENVIRONMENT OF BUSINESS**
3.0 UNITS
Fundamental legal principles pertaining to business transactions. Introduction to the law as an instrument of social and political control in society. Topics include sources of law and ethics, contracts, torts, agency, judicial and administrative processes, employment law, forms of business organizations, and domestic and international governmental regulations.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Days</th>
<th>Instructor</th>
<th>Type</th>
<th>Time</th>
<th>Notes</th>
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<tbody>
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<td>99899</td>
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<td>Sauber D</td>
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<tr>
<td>99902</td>
<td>3.0</td>
<td>W</td>
<td>Liang M</td>
<td>A-130</td>
<td>6:00p-9:10p</td>
<td>Full Semester</td>
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<tr>
<td>99841</td>
<td>3.0</td>
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<td>Staff</td>
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<td>ONLINE</td>
<td>08/23-10/17</td>
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</tbody>
</table>

**Additional Information**
- Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There is no additional textbook cost for this ZTC class.
- Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There is no additional textbook cost for this ZTC class.
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- Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There is no additional textbook cost for this ZTC class.

**OER**
- Online Electronic Resources: No additional textbook cost for this ZTC class. There is no additional textbook cost for this ZTC class. LAW 105 is the same as BUS 105 - students can receive credit for only one class BUS 105 OR LAW 105.
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**Free Textbooks**
- Low cost or free textbooks:
LIBRARY TECHNOLOGY (LIBR)

LIBR 053 – LIBRARY INTERNSHIP
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.
Prerequisite: Library Technology 101, Library Technology 110, and Library Technology 122 with a minimum grade of C.

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

99869 Smith K ONLINE 09/20-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. LAW 105 is the same as BUS 105 - students can receive credit for only one class BUS 105 OR LAW 105.

99873 Staff ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. LAW 105 is the same as BUS 105 - students can receive credit for only one class BUS 105 OR LAW 105.

99879 Robinson K ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. LAW 105 is the same as BUS 105 - students can receive credit for only one class BUS 105 OR LAW 105.

99884 Staff ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. LAW 105 is the same as BUS 105 - students can receive credit for only one class BUS 105 OR LAW 105.

LAW 121 – LEGAL ETHICAL REASONING SPANISH/ENGLISH
3.0 UNITS
This course provides an introduction to concepts and theories of ethical decision-making, moral conduct, obligation and permission, justice, responsibility, as applied to the Legal Profession. The course will explore the application of the California Rules of Professional Conduct as applied to the legal profession and society in general.

99905 Sauber D ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

LAW 299 – COOPERATIVE WORK EXPERIENCE EDUCATION - 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

99909 Smith K ONLINE Full Semester
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

LIBRARY TECHNOLOGY (LIBR)

LIBR 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.
Prerequisite: Library Technology 101, Library Technology 110, and Library Technology 122 with a minimum grade of C.

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

01789 Russo S ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

rsccd.instructure.com
LIBR 101 – INTRODUCTION TO LIBRARY TECHNOLOGY 3.0 UNITS
This course provides an introduction to libraries as a career field with particular emphasis on the role of the library technician in various types of library settings. It also provides an overview of library collections, history, organization, staffing, services, terminology, and electronic online resources.

01401   Turner E ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

LIBR 102 – INFORMATION SOURCES FOR PARAPROFESSIONALS: TOOLS AND TECHNIQUES 3.0 UNITS
An introduction to information sources in both print and electronic formats. Includes a basic theoretical and practical exploration of the nature and types of information in selected subject fields. Builds skills in information searching and in the evaluation of information and information sources.

01399   King J ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

LIBR 122 – PUBLIC SERVICES 3.0 UNITS
Exploration of library public services with special emphasis placed on a variety of issues as they relate to the circulation of library materials, the delivery of reference services, the use of the Internet and full-text databases for reference, and the preparation and delivery of library programs.

01411   Knight A ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

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MGMT 120 – PRINCIPLES OF MANAGEMENT 3.0 UNITS
Principles, methods, and procedures essential to the successful management of human and financial resources. Planning, decision making, staffing, directing, motivating, leading, communicating, controlling, and the application of managerial skills.

01054   Carr B ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

01056   Shweiri G HYBRID Full Semester
6:00p–9:10p W  Shweiri G A-207
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

MGMT 121 – HUMAN RELATIONS AND ORGANIZATIONAL BEHAVIOR 3.0 UNITS
The role of the manager and management's relationship to employees. Includes the application of motivational theories, communications, leadership, and organizational structure.

01058   Staff HYBRID Full Semester
6:00p–9:10p W  Staff CANVAS
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

MGMT 122 – BUSINESS COMMUNICATIONS 3.0 UNITS
Overview of oral and written communication skills used in business; emphasizes guidelines for improving writing and speaking skills, common solutions to common communication problems, ethical issues facing business communicators today, instructions on how to identify areas of legal vulnerability, and tested techniques for communicating successfully in today's high-tech, international business environment. Suggested preparation: English 061 or English for Multi-lingual Students 112 or American College English 116.

01092 10:20a–11:45a M W  Ursuy C A-203 Full Semester
This class meets on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
**SANTA ANA COLLEGE – FALL 2021**  
**MANUFACTURING TECHNOLOGY (MNFG)**

**MNFG 096 – MANUFACTURING TECHNOLOGY LAB APPLICATION**  
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. Corequisite: Manufacturing Technology 174 or Manufacturing Technology 176 or Manufacturing Technology 177 or Manufacturing Technology 184 or Manufacturing Technology 186 or Manufacturing Technology 194 or Manufacturing Technology 195.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Day</th>
<th>Instructor</th>
<th>Location</th>
<th>Term</th>
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<tr>
<td>02310</td>
<td>8:30a-10:30a</td>
<td>Sa</td>
<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
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<tr>
<td>02311</td>
<td>10:30a-12:30p</td>
<td>Sa</td>
<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
</tr>
<tr>
<td>02312</td>
<td>1:00p-3:00p</td>
<td>Sa</td>
<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
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<tr>
<td>02313</td>
<td>3:00p-5:00p</td>
<td>Sa</td>
<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
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<tr>
<td>02283</td>
<td>5:00p-7:00p</td>
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<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
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<tr>
<td>02287</td>
<td>5:00p-7:00p</td>
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<td>T-107</td>
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<td>02314</td>
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<td>Tu</td>
<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
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<td>02317</td>
<td>5:30p-7:30p</td>
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<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
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<td>02285</td>
<td>7:00p-9:00p</td>
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<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
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<tr>
<td>02288</td>
<td>7:00p-9:00p</td>
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<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
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<tr>
<td>02316</td>
<td>7:30p-9:30p</td>
<td>Tu</td>
<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
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<tr>
<td>02320</td>
<td>7:30p-9:30p</td>
<td>Th</td>
<td>Singh N</td>
<td>T-107</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

A portion of Lab will be conducted in person on day and time indicated. Regulations of significantly reduced capacity, social distancing and personal protective equipment will be observed. Students are required to log on to Canvas on the first day of classes. rsccd.instructure.com

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**
- OER
- ZTC
- HONORS
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MNFG 103</td>
<td>SOLIDWORKS BEGINNING SOLID MODELING</td>
<td>3.0</td>
<td>Introductory course in parametric solid modeling using Solidworks, an industry standard engineering design software (CAD). 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.</td>
</tr>
<tr>
<td>02114</td>
<td></td>
<td></td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>02111</td>
<td></td>
<td></td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>MNFG 104</td>
<td>SOLIDWORKS INTERMEDIATE SOLID MODELING</td>
<td>3.0</td>
<td>Intermediate course for solid modeling using Solidworks, an industry standard engineering design software (CAD). 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.</td>
</tr>
<tr>
<td>02116</td>
<td></td>
<td></td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com</td>
</tr>
<tr>
<td>MNFG 105</td>
<td>SOLIDWORKS ADVANCED SOLID MODELING</td>
<td>3.0</td>
<td>Advanced course for solid modeling includes a review of the intermediate class and changes to the Solidworks interface. Instruction in the use of Solidworks part modeling, assembly modeling, sub-assemblies, advanced photoworks, and advanced animator emphasized (Same as Engineering 105). Prerequisite: Manufacturing Technology 104 or Engineering 104 with a minimum grade of C.</td>
</tr>
<tr>
<td>02119</td>
<td></td>
<td></td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com</td>
</tr>
<tr>
<td>MNFG 111</td>
<td>BASIC MECHANICAL BLUEPRINT READING</td>
<td>2.0</td>
<td>Reading and interpreting blueprints for manufacturing technologies. (Same as Engineering 111).</td>
</tr>
<tr>
<td>02121</td>
<td></td>
<td></td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>MNFG 114</td>
<td>GEOMETRIC DIMENSIONING AND TOLERANCING</td>
<td>3.0</td>
<td>Drawing interpretation utilizing geometric dimensioning and tolerancing per ASME Y14.5M (formerly ANSI Y14.5M) as applied in engineering, manufacturing, and inspection. Suggested preparation: prior course or experience in drafting with conventional dimensioning and tolerancing.</td>
</tr>
<tr>
<td>02282</td>
<td></td>
<td></td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscdd.instructure.com</td>
</tr>
<tr>
<td>MNFG 117</td>
<td>QC OPERATIONS WITH PC-DMIS CMM-1</td>
<td>3.0</td>
<td>Introductory course in the operation of PC-DMIS CMM Software. This course instructs the user how to dimension, program, and inspect features of 3D parts. Course includes dimensional explanation of relevant GD&amp;T concepts, importing and using of CAD models, and reporting results from each activity. Prerequisite: Manufacturing 111 with a minimum grade of C.</td>
</tr>
<tr>
<td>02322</td>
<td></td>
<td></td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>MNFG 118</td>
<td>QC OPERATIONS WITH PC-DMIS CMM-2</td>
<td>3.0</td>
<td>Supplementary course in the operation of PC-DMIS CMM Software. This course instructs the user in additional dimensioning, programming, and system menu options. Course includes additional instruction in probe calibrations, dimensioning options, model translations, and scanning functionality. Prerequisite: Manufacturing 117 with a minimum grade of C.</td>
</tr>
<tr>
<td>02324</td>
<td></td>
<td></td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rscdd.instructure.com. There will be no instruction on-campus.</td>
</tr>
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<td>Code</td>
<td>Time</td>
<td>Days</td>
<td>Instructor</td>
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<tr>
<td>MNFG 130A – CATIA I</td>
<td>9:00a-12:10p</td>
<td>Sa</td>
<td>Staff</td>
</tr>
<tr>
<td>MNFG 130B – CATIA II</td>
<td>9:00a-12:10p</td>
<td>Sa</td>
<td>Staff</td>
</tr>
<tr>
<td>MNFG 153 – TECHNICAL MATHEMATICS</td>
<td>8:30a-9:35a</td>
<td>Sa</td>
<td>Buechler M</td>
</tr>
<tr>
<td>MNFG 158 – BASIC MACHINING CONCEPTS AND OPERATIONS</td>
<td>8:30a-9:35a</td>
<td>Sa</td>
<td>Buechler M</td>
</tr>
<tr>
<td>MNFG 159 – ADVANCED TURNING CONCEPTS AND OPERATIONS</td>
<td>8:30a-9:35a</td>
<td>Sa</td>
<td>Buechler M</td>
</tr>
</tbody>
</table>

**Low cost or free textbooks:**
- OER
- ZTC
- HONORS

**Course Codes and Descriptions:**

**MNFG 130A – CATIA I**
3.0 UNITS
Introductory course in parametric solid modeling CAD using CATIA software, which is used extensively in the aerospace and automotive fields. 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.

**MNFG 130B – CATIA II**
3.0 UNITS
Intermediate course in parametric solid modeling CAD using CATIA software, which is used extensively in the aerospace and automotive fields. Topics: intermediate/advanced level sketching and modeling (sweeps, ribs, slots), feature editing and transformation, assemblies, drawing workbench, surface modeling, and other CATIA modules. Recommended Preparation: Manufacturing Technology 130A or Engineering 130A with a minimum grade of C.

**MNFG 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.

**MNFG 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 machinist trade. (Same as Engineering 158)

**MNFG 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 treading. Prerequisite: Manufacturing Technology 158 or Engineering 158 with a minimum grade of C.
<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Time</th>
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<th>Type</th>
<th>Notes</th>
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<tr>
<td>02408</td>
<td>Tu Th</td>
<td>5:30p-9:20p</td>
<td>Buechler M</td>
<td>T-107</td>
<td>Full Semester</td>
</tr>
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<td></td>
<td>9:30p-10:00p</td>
<td>Tu Th</td>
<td>Buechler M</td>
<td>RB</td>
<td>Remote Blended. A portion of Lab will be conducted in person on day and time indicated. Regulations of significantly reduced capacity, social distancing and personal protective equipment will be observed. Students are required to log on to Canvas on the first day of classes. rsccd.instructure.com</td>
</tr>
</tbody>
</table>

**MNFG 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 or Engineering 158 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>02403</td>
<td>Sa</td>
<td>8:30a-9:35a</td>
<td>Buechler M</td>
<td>RB</td>
<td>Remote Blended. A portion of Lab will be conducted in person on day and time indicated. Regulations of significantly reduced capacity, social distancing and personal protective equipment will be observed. Students are required to log on to Canvas on the first day of classes. rsccd.instructure.com</td>
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<td>9:45a-1:35p</td>
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<td>T-107</td>
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<td></td>
<td>2:00p-5:50p</td>
<td>Sa</td>
<td>SAC T-107</td>
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</tbody>
</table>

**MNFG 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.

Recommended Preparation: Manufacturing Technology 111 and Manufacturing Technology 158 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Type</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>02411</td>
<td>Tu Th</td>
<td>5:30p-9:20p</td>
<td>Buechler M</td>
<td>T-107</td>
<td>Full Semester</td>
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<tr>
<td></td>
<td>9:30p-10:00p</td>
<td>Tu Th</td>
<td>Buechler M</td>
<td>RB</td>
<td>Remote Blended. A portion of Lab will be conducted in person on day and time indicated. Regulations of significantly reduced capacity, social distancing and personal protective equipment will be observed. Students are required to log on to Canvas on the first day of classes. rsccd.instructure.com</td>
</tr>
</tbody>
</table>

**MNFG 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 0.5 units. Labs are scheduled at the first class meeting.

Prerequisite: Manufacturing Technology 158 and 171 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Type</th>
<th>Notes</th>
</tr>
</thead>
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<tr>
<td>02415</td>
<td>Sa</td>
<td>9:00a-1:15p</td>
<td>Singh N</td>
<td>RL</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>

**MNFG 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Type</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>02427</td>
<td>Tu Th</td>
<td>5:30p-6:55p</td>
<td>Singh N</td>
<td>RL</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>

**MNFG 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 0.5 units. Labs are scheduled at the first class meeting.

Prerequisite: Manufacturing Technology 158 and 171 with a minimum grade of C.

<table>
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<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Type</th>
<th>Notes</th>
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<tbody>
<tr>
<td>03181</td>
<td>F</td>
<td>7:00p-10:10p</td>
<td>Rios J</td>
<td>RL</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>

**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- OER
- ZTC
- HONORS
### MNFG 177 – MASTERCAM - 3D TOOLPATH AND CAM APPLICATIONS 3.0 UNITS
Advanced concepts in the manufacturing of machine parts using MASTERCAM software and CNC machining centers. Emphasis placed on programming and machining 3 dimensional surfaces. Problem solving in roughing, finishing, fixturing, and machining of a variety of part configurations.  
**Prerequisite:** Manufacturing Technology 175 with a minimum grade of C.

<table>
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<tr>
<th>CRN</th>
<th>Time</th>
<th>Day</th>
<th>Instructor</th>
<th>Meeting Method</th>
<th>Notes</th>
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</thead>
</table>
| 02428 | 7:00p-10:10p | Tu  | Singh N    | RL             | Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. |

### MNFG 186 – ADVANCED CNC LATHE PROGRAMMING, SETUP AND OPERATION 3.0 UNITS
Advanced programming, set-up, and operation of CNC lathe. Course curriculum will include instruction on C-Axis with live tooling option, subprogram for C-Axis, tapered I.D. and O.D. thread, canned cycles, uses of digital probe for tool offset, and programmable tailstock. Requires enrollment in 1.5 hours of scheduled lab per week for .5 unit. Lab hours are scheduled at the first class meeting.  
**Prerequisite:** Manufacturing Technology 171 and 176 with a minimum grade of C.

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<tr>
<th>CRN</th>
<th>Time</th>
<th>Day</th>
<th>Instructor</th>
<th>Meeting Method</th>
<th>Notes</th>
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</thead>
</table>
| 02429 | 7:00p-10:10p | Th  | Singh N    | RL             | Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. |

### MNFG 194 – CNC HORIZONTAL MILL SETUP AND OPERATION 3.0 UNITS
Set-up and operation of CNC Horizontal Machining Center. Students will learn the concepts necessary for set-up and operation of the state-of-the-art horizontal milling machine. Course curriculum will include instruction on multi fixtures, rapid pallet changing, and ability to machine several sides at once with a single set-up using fully programmable 4th axis to boost productivity, cut lead times, and lower production costs. Corequisite enrollment required in MNFG 096. Student must complete 27 hours of scheduled lab per semester to earn .5 units for lab.  
**Prerequisite:** Manufacturing Technology 171 and Manufacturing Technology 174 with a minimum grade of C.

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<tr>
<th>CRN</th>
<th>Time</th>
<th>Day</th>
<th>Instructor</th>
<th>Meeting Method</th>
<th>Notes</th>
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</thead>
</table>
| 02433 | 7:00p-10:10p | W   | Singh N    | RL             | Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. |

### MARKETING (MKTG) 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.

#### MKTG 113 – PRINCIPLES OF MARKETING
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<th>CRN</th>
<th>Time</th>
<th>Day</th>
<th>Instructor</th>
<th>Meeting Method</th>
<th>Notes</th>
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</thead>
</table>
| 01134 | 6:00p-9:10p | Th  | Solares E  | RL             | Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. |

This class meets on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<tr>
<th>CRN</th>
<th>Time</th>
<th>Day</th>
<th>Instructor</th>
<th>Meeting Method</th>
<th>Notes</th>
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</table>
| 01136 | 6:00p-9:10p | Th  | Solares E  | A-205          | Full Semester  
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. |

#### MKTG 116 – GLOBAL MARKETING: SELLING AROUND THE WORLD 3.0 UNITS
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.

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<tr>
<th>CRN</th>
<th>Time</th>
<th>Day</th>
<th>Instructor</th>
<th>Meeting Method</th>
<th>Notes</th>
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</thead>
</table>
| 01052 | 6:00p-9:10p | Tu  | Ursuy C    | HYBRID 10/18-12/12 | A-203  
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. |
## MATHEMATICS (MATH)

### MATH N06 – ESSENTIAL MATHEMATICS 4.0 UNITS
Reviews whole numbers, fractions, decimals, percents, geometric formulas and signed numbers. Not applicable to associate degree.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Mode</th>
<th>Semester</th>
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<tbody>
<tr>
<td>R 98797</td>
<td>8:00a-10:05a</td>
<td>M W</td>
<td>Hoang K</td>
<td>RL</td>
<td>Full Semester</td>
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<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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</tbody>
</table>

### MATH 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.

<table>
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<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Mode</th>
<th>Semester</th>
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<tr>
<td>R 98798</td>
<td>10:20a-12:25p</td>
<td>Tu Th</td>
<td>Solheid C</td>
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<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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</table>

### MATH 030 – COPING WITH MATH ANXIETY 1.0 UNIT
 Covers the concept of math anxiety - what causes it and how to overcome it. Includes review and practice of basic math skills.

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<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Mode</th>
<th>Semester</th>
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<tbody>
<tr>
<td>R 98800</td>
<td>5:35p-7:40p</td>
<td>Tu</td>
<td>Ghaffari A</td>
<td>RL</td>
<td>10/18-12/12</td>
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<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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</tbody>
</table>

### MATH 040 – SUPPORT FOR COLLEGE ALGEBRA 0.5 UNIT
A review of mathematics topics from Elementary and Intermediate Algebra which are needed to be successful in College Algebra. Intended to be taken concurrently with College Algebra (Math 140) for students who did not directly place into Math 140, or for students who would like to supplement their learning with prerequisite skills. Corequisite: Concurrent enrollment in Mathematics 140.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Mode</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>R 03505</td>
<td>10:50a-11:40a</td>
<td>M W</td>
<td>Staff</td>
<td>H-107</td>
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<td>Section #03505 is linked with Math 140 #03500 Enrollment in both sections is mandatory. This class will meet on campus.</td>
</tr>
</tbody>
</table>

### MATH 140 – COLLEGE ALGEBRA 4.0 UNITS
Prerequisite: Successful completion of Math 030 or appropriate placement. Emphasis is on the study of algebraic concepts with an introduction to analytic geometry. This is a transferable course and is the first course in the sequence of college mathematics.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Mode</th>
<th>Semester</th>
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<tbody>
<tr>
<td>R 98817</td>
<td>10:50a-11:40a</td>
<td>M W</td>
<td>Zarske J</td>
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<td>Section #98817 is linked with Math 140 #98816. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>

### MATH 140 – SUPPORT FOR COLLEGE ALGEBRA 0.5 UNIT
A review of mathematics topics from Elementary and Intermediate Algebra which are needed to be successful in College Algebra. Intended to be taken concurrently with College Algebra (Math 140) for students who did not directly place into Math 140, or for students who would like to supplement their learning with prerequisite skills. Corequisite: Concurrent enrollment in Mathematics 140.

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<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Mode</th>
<th>Semester</th>
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<tbody>
<tr>
<td>R 98822</td>
<td>2:10p-3:00p</td>
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<td>Section #98822 is linked with Math 140 #98821. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>

### MATH 140 – SUPPORT FOR COLLEGE ALGEBRA 0.5 UNIT
A review of mathematics topics from Elementary and Intermediate Algebra which are needed to be successful in College Algebra. Intended to be taken concurrently with College Algebra (Math 140) for students who did not directly place into Math 140, or for students who would like to supplement their learning with prerequisite skills. Corequisite: Concurrent enrollment in Mathematics 140.

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<tr>
<th>Code</th>
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<th>Mode</th>
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<tr>
<td>R 98832</td>
<td>2:10p-3:00p</td>
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<td>Bradley K</td>
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<td>Section #98832 is linked with Math 140 #98831. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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</table>

### MATH 140 – SUPPORT FOR COLLEGE ALGEBRA 0.5 UNIT
A review of mathematics topics from Elementary and Intermediate Algebra which are needed to be successful in College Algebra. Intended to be taken concurrently with College Algebra (Math 140) for students who did not directly place into Math 140, or for students who would like to supplement their learning with prerequisite skills. Corequisite: Concurrent enrollment in Mathematics 140.

<table>
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<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Mode</th>
<th>Semester</th>
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<td>R 98824</td>
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<td>Hager B</td>
<td>RL</td>
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<td>Section #98824 is linked with Math 140 #98823. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>
The Santa Ana Mathematics Department strongly recommends students who plan on transferring to a four-year school work carefully with a counselor and the catalog of the school of transfer to select the most appropriate mathematics course. The sequence below gives a summary of the mathematics sequence of courses for Business and STEM majors (BSTEM). The BSTEM pathway is designated for students planning to major in Business, Science, Technology, Engineering, or Mathematics.

### Developmental Level Courses* for BSTEM Majors (OPTIONAL COURSES)

- **MATH N06** Essential Mathematics
- **MATH N48** Pre-Algebra / Algebra Basics
- **MATH 084** Beginning & Intermediate for BSTEM Majors

### Mathematics Course Sequence for Santa Ana College BSTEM Majors

**Transfer Level Courses for BSTEM Majors**

- **MATH 140** College Algebra
- **MATH 140 + MATH 040** College Algebra with Support**
- **MATH 150** Business Calculus
- **MATH 162** Trigonometry
- **MATH 180** Calculus 1
- **MATH 185** Calculus 2
- **MATH 280** Intermediate Calculus
- **MATH 287** Introduction to Linear Algebra & Differential Equations

### Developmental Level Courses* for SLAM Majors (OPTIONAL COURSES)

- **MATH N06** Essential Mathematics
- **MATH N48** Pre-Algebra / Algebra Basics
- **MATH 082** Pre-Statistics and Problem Solving

### Mathematics Course Sequence for Santa Ana College SLAM Majors

**Transfer Level Courses for SLAM Majors**

- **MATH 219/219H** Statistics & Probability or **MATH 221** Statistics & Probability with Support**
- **MATH 105** Mathematics for Liberal Arts Students
- **MATH 204** Mathematics for Elementary School Teachers

Students interested in Psychology can also take PSYC 210 to satisfy this requirement.

*SAC also offers optional free non-credit refresher courses in pre-algebra (LRN 164) and basic math (HSMTH 158) that you can join anytime. Contact a counselor for more information.

**Support courses give extra class time with your Math instructor where you can strengthen the prerequisite skills and concepts needed to successfully complete College Algebra or Statistics. If you have already taken Pre-calculus or Calculus, you should contact a counselor for placement in the proper mathematics course.

Effective Fall 2021

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**Enrollment Details**

- **98826** 8:55p-9:45p M W Nguyen K RL Full Semester
- Section #98826 is linked with Math 140 #98825. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.
- rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- **98834** 8:55p-9:45p Tu Th Meier K R-128 Full Semester
- Section #98834 is linked with Math 140 #98833. Enrollment in both sections is mandatory. This class will meet on campus.

- **98836** 8:55p-9:45p Tu Th Elizondo G RL Full Semester
- Section #98836 is linked with Math 140 #98835. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.
- rsccd.instructure.com. There will be no instruction on-campus.

---

**Online (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- **OER**
- **ZTC**
- **HONORS**
MATH 084 – BEGINNING AND INTERMEDIATE ALGEBRA  6.0 UNITS
A combined course in algebra that includes systems of equations: inequalities, graphs and functions; radicals, solving designed specifically for liberal arts and social science majors.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Mode</th>
<th>Time-Flexibility</th>
<th>Notes</th>
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<tbody>
<tr>
<td>98801</td>
<td>8:00a-10:05a</td>
<td>M W</td>
<td>8:00a-10:05a</td>
<td>Steinberg L</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is a $10 material fee with no additional textbook cost.</td>
</tr>
<tr>
<td>98804</td>
<td>10:20a-12:25p</td>
<td>Tu Th</td>
<td>10:20a-12:25p</td>
<td>Matsumiya T</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is a $10 material fee with no additional textbook cost.</td>
</tr>
<tr>
<td>98803</td>
<td>6:00p-8:05p</td>
<td>M W</td>
<td>6:00p-8:05p</td>
<td>Galima L</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is a $10 material fee with no additional textbook cost.</td>
</tr>
<tr>
<td>98805</td>
<td>6:30p-8:35p</td>
<td>Tu Th</td>
<td>6:30p-8:35p</td>
<td>Tran A</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is a $10 material fee with no additional textbook cost.</td>
</tr>
<tr>
<td>98806</td>
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<td></td>
<td>McKowan-Bourguignon L</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
</tr>
<tr>
<td>98807</td>
<td></td>
<td></td>
<td></td>
<td>McKowan-Bourguignon L</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
</tr>
</tbody>
</table>

MATH 082 – PRE-STATISTICS AND PROBLEM SOLVING LIBERAL ARTS AND SOCIAL SCIENCE  4.0 UNITS
Pre-statistics including measures of center, measures of spread, graphical representations, basic probability, dimensional analysis, linear equations, formulas, percent equations, lines, basic linear regression and problem-solving designed specifically for liberal arts and social science majors.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section Code</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Mode</th>
<th>Time-Flexibility</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>98808</td>
<td>8:35a-11:45a</td>
<td>M W</td>
<td>8:35a-11:45a</td>
<td>Nguyen K</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98810</td>
<td>8:35a-11:45a</td>
<td>Tu Th</td>
<td>8:35a-11:45a</td>
<td>Lechuga J</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98811</td>
<td>11:55a-3:05p</td>
<td>Tu Th</td>
<td>11:55a-3:05p</td>
<td>Vu D</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98809</td>
<td>3:20p-6:30p</td>
<td>M W</td>
<td>3:20p-6:30p</td>
<td>Solheid C</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98812</td>
<td>6:40p-9:50p</td>
<td>Tu Th</td>
<td>6:40p-9:50p</td>
<td>Mahoney J</td>
<td>RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98813</td>
<td></td>
<td></td>
<td></td>
<td>Vu D</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.</td>
</tr>
<tr>
<td>98814</td>
<td></td>
<td></td>
<td></td>
<td>Mishal A</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.</td>
</tr>
</tbody>
</table>
MATH 105 – MATHEMATICS FOR LIBERAL ARTS STUDENTS 4.0 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 of theory, geometry, logic, mathematical modeling, and the history of mathematics. 
Prerequisite: Mathematics 083 or Mathematics 084 with a minimum grade of C or equivalent skills as measured by placement into Mathematics 105 according to the Santa Ana College Mathematics Department’s placement standards.
Mathematics 140 according to the Santa Ana College Math Department's placement standards.

**Prerequisite:** Mathematics 084 with a minimum grade of C or equivalent skills as measured by placement into

exponentials, and logarithms with applications and graphing; sequences and series.

**MATH 140 – COLLEGE ALGEBRA 4.0 UNITS**

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Type</th>
<th>Notes</th>
</tr>
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<td>98837</td>
<td>8:00a-10:05a</td>
<td>M W</td>
<td>McKowan-Bourguignon L RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.</td>
</tr>
<tr>
<td>98841</td>
<td>8:00a-10:05a</td>
<td>Tu Th</td>
<td>McKowan-Bourguignon L RL</td>
<td>Full Semester</td>
<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.</td>
</tr>
<tr>
<td>98845</td>
<td>8:00a-12:15p</td>
<td>Sa</td>
<td>Lai K</td>
<td>RL</td>
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<tr>
<td>03500</td>
<td>8:35a-10:40a</td>
<td>M W</td>
<td>Staff</td>
<td>H-107</td>
<td>Full Semester</td>
</tr>
<tr>
<td>98816</td>
<td>8:35a-10:40a</td>
<td>M W</td>
<td>Zarske J</td>
<td>RL</td>
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</tr>
<tr>
<td>98827</td>
<td>8:35a-10:40a</td>
<td>Tu Th</td>
<td>Bradley K</td>
<td>RL</td>
<td>Full Semester</td>
</tr>
<tr>
<td>98829</td>
<td>8:35a-10:40a</td>
<td>Tu Th</td>
<td>Zarske J</td>
<td>RL</td>
<td>Full Semester</td>
</tr>
<tr>
<td>98842</td>
<td>10:20a-12:25p</td>
<td>Tu Th</td>
<td>Nguyen K</td>
<td>RL</td>
<td>Full Semester</td>
</tr>
<tr>
<td>98821</td>
<td>11:55a-2:00p</td>
<td>M W</td>
<td>Hager B</td>
<td>RL</td>
<td>Full Semester</td>
</tr>
<tr>
<td>98831</td>
<td>11:55a-2:00p</td>
<td>Tu Th</td>
<td>Bradley K</td>
<td>RL</td>
<td>Full Semester</td>
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<tr>
<td>98839</td>
<td>12:35p-2:40p</td>
<td>M W</td>
<td>Lechuga J</td>
<td>RL</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

Section #98837 is linked with Math 040 #98838. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

Section #98841 is linked with Math 040 #98842. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

Section #03500 is linked with Math 040 #03505. Enrollment in both sections is mandatory. This class will meet on campus.

Section #98816 is linked with Math 040 #98817. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

Section #98827 is linked with Math 040 #98828. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

Section #98829 is linked with Math 040 #98830. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

Section #98842 is linked with Math 040 #98843. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

Section #98821 is linked with Math 040 #98822. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

Section #98831 is linked with Math 040 #98832. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

Section #98839 is linked with Math 040 #98840. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

**rsccd.instructure.com**

Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times.

There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

**O** ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

**H** HYBRID (H) Combination of online and live scheduled web or on-campus meetings

**RL** REMOTE LIVE (RL) Live scheduled web meetings during published course times

**RB** REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

**F2F** FACE TO FACE (F2F) Meetings are on-campus during published course times

**Low cost or free textbooks:**

**OER**

**ZTC**

**HONORS**
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:

OER

ZTC

HONORS

Section #98823 is linked with Math 040 #98824. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Section #98840 is linked with Math 040 #98826. Enrollment in both sections is mandatory. Remote Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Section #98835 is linked with Math 040 #98836. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
MATH 150 – CALCULUS FOR BIOLOGICAL, MANAGEMENT AND SOCIAL SCIENCES 5.0 UNITS
Single and multi-variable calculus including limits, derivatives, integrals, exponentials, and logarithmic functions and partial derivatives. Applications are drawn from biology, social science, and business. Prerequisite: Mathematics 140 with a minimum grade of C; or placement into Math 150 according to the Santa Ana College Math Department’s placement standards.

- 98850 10:20a-12:50p Tu Th Oh S RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- 98851 7:00p-9:30p M W Meier K RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is a $10 material fee with no additional textbook cost.

- 98852 Meier K ONLINE Full Semester
  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- 98853 8:00a-10:05a Tu Th Oh S RL Full Semester
  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- 98854 8:00a-10:05a M W Hashemi S RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

- 98855 8:00a-10:05a Tu Th Oh S RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- 98856 10:20a-12:25p Tu Th Shamoni H RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

- 98857 6:00p-8:05p M W Camacho O RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

- 98858 Everett M ONLINE Full Semester
  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- 98859 Oh S ONLINE Full Semester
  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

MATH 162 – TRIGONOMETRY 4.0 UNITS
Angles and their measurement, trigonometry functions and their applications, including vector problems. Use of trigonometric identities. Graphing the basic functions and variations, solving trigonometric equations. Graphing using polar coordinates, and use of complex numbers. Prerequisite: Mathematics 140 with a minimum grade of C or equivalent skills as measured by placement into using polar coordinates, and use of complex numbers.

- 98854 8:00a-10:05a M W Hashemi S RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

- 98855 8:00a-10:05a Tu Th Oh S RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- 98856 10:20a-12:25p Tu Th Shamoni H RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

- 98857 6:00p-8:05p M W Camacho O RL Full Semester
  Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

- 98858 Everett M ONLINE Full Semester
  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- 98859 Oh S ONLINE Full Semester
  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

- 98860 Oh S ONLINE Full Semester
  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.
MATH 180 – SINGLE VARIABLE CALCULUS I 4.0 UNITS
Limits and continuity, derivatives and integrals of algebraic, trigonometric, and other transcendental functions. Applications including extrema tests, related rates, and areas.
Prerequisite: Mathematics 140 and Mathematics 162 or Mathematics 170 with a minimum grade of C or equivalent skills as measured by placement into Mathematics 180 according to the Santa Ana College Mathematics Department’s placement standards.

MATH 185 – 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.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
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: Math 083 or MATH 084 with a minimum grade of C or equivalent skills as measured by placement into Math 204 according to the Santa Ana College Math Department’s placement standards.

R 98877 10:20a-12:25p Tu Th Sandoval-Martinez M RL Full Semester
Section #98877 is linked to Math 204L #98875. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

R 98874 12:35p-2:40p M W Everett M RL Full Semester
Section #98874 is linked with Math 204L #98875. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

H 98879 5:30p-8:50p Tu Everett M HYBRID Full Semester
Staff CANVAS
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

MATH 204L – MATHEMATICS CONTENT FOR ELEMENTARY MATH TEACHERS (LAB) 0.5 UNIT

Students in Math 204L will receive individual and/or group instruction advancing students conceptual understanding of the mathematics needed to teach elementary school. Instruction integrates hand-ons learning, projects, and presentations.

Corequisite: Concurrent enrollment in Mathematics 204.

R 98878 12:35p-1:25p Tu Th Sandoval-Martinez M RL Full Semester
Section #98878 is linked with Math 204 #98877. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

R 98875 2:50p-3:40p M W Everett M RL Full Semester
Section #98875 is linked with Math 204 #98874. Enrollment in both sections is mandatory. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

MATH 219 – STATISTICS AND PROBABILITY 4.0 UNITS

Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology.

Prerequisite: Mathematics 083 or Mathematics 084 with a minimum grade of C or equivalent skills as measured by placement into Mathematics 219 according to the Santa Ana College Math Department’s placement standards.

R 98940 8:00a-10:05a M W He L RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

R 98946 8:00a-10:05a Tu Th Lui R RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

R 98951 8:00a-12:15p F Lui R RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

F 03487 10:20a-12:25p M W Staff R-114 Full Semester
This class will meet on campus.

R 98942 10:20a-12:25p M W Leeds K RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

R 98948 10:20a-12:25p Tu Th Lui R RL Full Semester
Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
- OER
- ZTC
- HONORS
MATH 221 – STATISTICS AND PROBABILITY WITH SUPPORT 4.5 UNITS
Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology. Integrated review includes concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and critical thinking skills from descriptive statistics that are needed to understand the basics of college-level statistics. Intended for students who did not directly place into Math 219 or for students that would like to supplement their learning with prerequisite skills needed for Statistics.
Prerequisite: Mathematics 083 or Mathematics 084 with a minimum grade of C or equivalent skills as measured by placement into Mathematics 211 according to the Santa Ana College Math Department’s placement standards.

Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

rsccd.instructure.com
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**Online (O)** Time-flexible online lecture and materials with no scheduled meeting times

**Hybrid (H)** Combination of online and live scheduled web or on-campus meetings

**Remote Live (RL)** Live scheduled web meetings during published course times

**Remote Blended (RB)** Live scheduled web & on-campus meetings during published dates and times

**Face to Face (F2F)** Meetings are on-campus during published course times

*Low cost or free textbooks:*

- [OER](http://rsccd.instructure.com)
- [ZTC](http://rsccd.instructure.com)
- [HONORS](http://rsccd.instructure.com)
MATH 280 – INTERMEDIATE CALCULUS 4.0 UNITS
Vectors and three-dimensional space, functions of several variables, partial derivatives, and multiple integrals. Vector calculus, Green's Theorem, Stoke's Theorem, and the Divergence Theorem. Prerequisite: Mathematics 185 with a minimum grade of C.

MATH 287 – INTRODUCTION TO LINEAR ALGEBRA AND DIFFERENTIAL EQUATIONS 5.0 UNITS
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 (MA)

MA 001 – COOPERATIVE WORK EXPERIENCE EDUCATION - 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 production 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. Prerequisite: Medical Assistant 051A, Medical Assistant 051B, Medical Assistant 053 and Medical Assistant 055 with a minimum grade of C.

MA 020 – BLOODBORNE AND AIRBORNE PATHOGEN STANDARDS 0.5 UNIT
Presentation of California Occupational Safety and Health Act (Cal-OSHA) Bloodborne and Airborne Pathogen Standards for occupational at-risk exposure to hepatitis, HIV-AIDS, and Tuberculosis including compliance requirements, exposure control measures, exposure determination, protective equipment, and post exposure practices.
MA 030 – 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.

H 97795 9:00a-3:00p F Sa Emley C HYBRID 09/03-10/16
Section #97795 has online instruction plus mandatory meetings on campus for lab on 10/15/21 and 10/16/21, 09:00AM - 03:00PM in R-307 in Russell Hall. 1.5 hours to be arranged. There is no additional textbook cost for this ZTC class.

H 97796 9:00a-3:00p F Sa Emley C HYBRID 10/22-12/04
Section #97796 has online instruction plus mandatory meetings on campus for lab on 12/3/21 and 12/4/21, 09:00AM - 03:00PM, R-307 in Russell Hall. 1.5 hours to be arranged. There is no additional textbook cost for this ZTC class.

MA 051A – BEGINNING MEDICAL TERMINOLOGY 3.0 UNITS
Introduction to medical terms including structural analysis of prefixes, combining form/roots, and suffixes. Emphasis on terms related to anatomy, physiology, diagnostic tests and pathology of the digestive, renal-urinary, and reproductive systems. Also, terms related to pregnancy and the newborn.

03779 8:35a-11:45a Sa Staff R-307 Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

R 97798 1:40p-4:50p M Seitz C RL 08/23-12/11
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

R 97797 6:00p-9:00p M Seitz C RL 08/23-12/11
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

O 97799 Emley C ONLINE 08/23-12/11
Fully online instruction. No on-campus meetings required. Students are required to logon to Canvas on the first day of class. For detailed information and required course work - rsccd.instructure.com

MA 051B – ADVANCED MEDICAL TERMINOLOGY 3.0 UNITS
Continuation of Medical Assistant 051A. Includes medical terms related to anatomy, physiology, diagnostic tests and pathology of the nervous, cardiovascular, respiratory, circulatory, musculoskeletal, skin, sensory, and the endocrine systems.
Prerequisite: Medical Assistant 051A with a minimum grade of C.

R 97801 6:15p-9:25p Th Emley C RL 08/23-12/11
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

97802 Emley C ONLINE 08/23-12/11
Fully online instruction. No on-campus meetings required. Students are required to logon to Canvas on the first day of class. For detailed information and required course work - rsccd.instructure.com

MA 053 – MEDICAL ASSISTANT - ADMINISTRATIVE FRONT OFFICE 3.0 UNITS
Medical front office training including the role, responsibilities, professionalism, medical ethics and laws, medical records, filing, billing and collection, banking, bookkeeping, reception, telephone techniques, oral and written communication, resume, and job seeking skills. Also includes a unit on office first aid and life threatening illnesses.

R 97806 1:40p-4:50p Th Seitz C RL 08/23-12/11
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

R 97805 6:00p-9:10p W Seitz C RL 08/23-12/11
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

MA 054 – MEDICAL INSURANCE AND BILLING FORMS 3.0 UNITS
Instruction in the rules, regulations, and completion of medical insurance forms for Medicare, Medi-Cal, Tricare, MediMedi, State Disability, Worker's Compensation, and private commercial insurance carriers. Includes legal and ethical guidelines, and instruction in procedure coding using current procedural terminology and ICD-10-CM.
Prerequisite: Medical Assistant 051A with a minimum grade of C.

R 97807 2:00p-5:10p Tu Seitz C RL 08/23-12/11
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
MA 055 – MEDICAL ASSISTANT - CLINICAL BACK OFFICE 3.0 UNITS
Medical back office with emphasis on asepsis, sterilization, gloving and ungloving, assisting physician with exams and minor office surgical procedures, vital signs, vision testing, wound care, dressings, bandaging, specimen collections, medications, dosage calculations and injection techniques.

Remote Blended. Students attend virtually on Canvas and meet for on-campus instruction during the days and times indicated, rsccd.instructure.com.

MA 056 – COMPUTER APPLICATIONS FOR THE MEDICAL OFFICE 3.0 UNITS
An introduction to the computer with practical applications for a medical office/clinical setting, including building patient databases, patient scheduling, procedure codes, and diagnostic codes. Generate computerized billing records, posting to accounts, insurance claims forms, generating reports, electronic data interchange and electronic medical records.
Prerequisite: Medical Assistant 051A and Medical Assistant 053 with a minimum grade of C.

MUS 009A – MUSIC LABORATORY 0.3 UNIT
Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Beginning level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.
Open Entry / Open Exit

MUS 009B – MUSIC LABORATORY II 0.3 UNIT
Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. More advanced beginning level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.
Prerequisite: Music 009A with a minimum grade of C and concurrent enrollment in a music class.
Open Entry / Open Exit

MUS 009C – MUSIC LABORATORY III 0.3 UNIT
Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Intermediate level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.
Prerequisite: Music 009B with a minimum grade of C and concurrent enrollment in a music class.
Open Entry / Open Exit
MUS 009D – MUSIC LABORATORY IV
Supervised work on instrumental, vocal, music theory, or digital music assignments and projects. Advanced level assignments are geared toward attainment of skills relating to the corequisite music class. Accumulation of 16 hours earns 0.3 unit.
Prerequisite: Music 009C with a minimum grade of C and concurrent enrollment in a music class.
Open Entry / Open Exit

01612 Jin J N-119 Full Semester
18 hours arranged per semester.

MUS 101 – MUSIC APPRECIATION
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.

00982 8:35a-10:00a M W Kim J N-117 Full Semester
Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class

00987 10:20a-11:45a M W Lee S C-104 Full Semester
Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class

00984 8/23-10/17 Online
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class

00989 10/18-12/12 Online
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class

00991 8/23-10/17 Online
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class

00993 10/18-12/12 Online
Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class

MUS 102 – WORLD MUSIC
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.

00997 8:35a-10:00a M W Marr J N-114 Full Semester

MUS 102H – HONORS WORLD MUSIC
An enriched, in-depth study of music from Asia, Africa, the Middle East, Europe, and the Americas. Seminar-style critical investigation of the interconnections of style, culture, and aesthetics to promote enjoyment and understanding of world music.

01009 11:55a-1:20p Tu Th Briones M N-114 Full Semester
ULINK: Section 01009, Music 103 is linked to CNSL 107, Section 98730. Enrollment in all sections is mandatory.

MUS 103 – JAZZ IN AMERICA
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.

01005 8:35a-10:00a M W Marr J N-114 Full Semester

Low cost or free textbooks:
- OER
- ZTC
- HONORS
SANTA ANA COLLEGE – FALL 2021

01007  Kehlenbach E  ONLINE  10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

01010  Briones M  ONLINE  08/23-10/17
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. There is no additional textbook cost for this ZTC class.

01013  Briones M  ONLINE  10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. There is no additional textbook cost for this ZTC class.

MUS 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.

01026  8:35a-10:00a  Tu Th  Wachs M  N-117  Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

01027  6:30p-9:40p  M  Hizon V  A-210  Full Semester
MUS 105 – FILM MUSIC APPRECIATION  3.0 UNITS
A study of the history and development of film music in the twentieth and twenty-first century. Students are guided through a critical examination of a variety of music soundtracks by prominent composers and will explore how the music reflects changes in our society and culture.

01029  Luevano R  ONLINE  Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

MUS 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.

01613  6:00p-10:25p  Th  Marr J  N-114  Full Semester
1.5 hours arranged per week.

01757  5:00p-5:50p  Th  Marr J  N-114  Full Semester
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

MUS 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 computer programs. Basic knowledge of scales, intervals, and major key signatures recommended.

01614  5:00p-5:50p  Th  Marr J  N-105  Full Semester
1 hour 25 minutes arranged each week.

MUS 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 programs. Basic knowledge of scales and intervals recommended.
Prerequisite: Music 113A with a minimum grade of C.

01615  5:00p-5:50p  Th  Marr J  N-105  Full Semester
1 hour 25 minutes arranged each week.
### MUS 114A – MUSICIANSHIP
1.0 UNIT
Competency-based sightsinging, 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.*

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<td>N-105</td>
<td>Full Semester</td>
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2 hours 30 minutes arranged each week.

### MUS 114B – MUSICIANSHIP
1.0 UNIT
Competency-based sightsinging, 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.*

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<td>6:00p-6:50p Th</td>
<td>Kehlenbach E</td>
<td>N-105</td>
<td>Full Semester</td>
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</table>

2 hours 30 minutes arranged each week.

### MUS 115A – APPLIED MUSIC (PRIVATE INSTRUCTION)
1.5 UNITS
Weekly lesson in voice, piano, band/orchestral instrument, or classical guitar. Five hours on-campus practice per week and attendance at weekly recital required. B, C, and D semesters require study of more advanced repertoire. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course.
*Open Entry / Open Exit*

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>01694</td>
<td>Briones M 6:00p-6:00p</td>
<td>C-104</td>
<td>Full Semester</td>
<td></td>
</tr>
</tbody>
</table>

New students interested in Applied Music instruction should attend the orientation meeting Tues. Aug 24, 2021, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed. For more information call 714-564-5655 or email Briones_Michael@sac.edu 92 arranged hours per semester.

### MUS 115B – APPLIED MUSIC (PRIVATE INSTRUCTION)
1.5 UNITS
Weekly lesson in voice, piano, band/orchestra instrument, or classical guitar, covering more advanced repertoire than Music 115A. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course.
*Open Entry / Open Exit*

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>01698</td>
<td>Briones M 6:00p-6:00p</td>
<td>C-104</td>
<td>Full Semester</td>
<td></td>
</tr>
</tbody>
</table>

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### MUS 115C – APPLIED MUSIC (PRIVATE INSTRUCTION)
1.5 UNITS
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*

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>01700</td>
<td>Briones M 6:00p-6:00p</td>
<td>C-104</td>
<td>Full Semester</td>
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</tr>
</tbody>
</table>

New students interested in Applied Music instruction should attend the orientation meeting Tues. Aug 24, 2021, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed. For more information call 714-564-5655 or email Briones_Michael@sac.edu 92 arranged hours per semester.

### MUS 115D – APPLIED MUSIC (PRIVATE INSTRUCTION)
1.5 UNITS
Weekly lesson in voice, piano, band/orchestra 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*

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<tr>
<th>Code</th>
<th>Time</th>
<th>Instructor</th>
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<th>Semester</th>
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</thead>
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<td>01701</td>
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<td>C-104</td>
<td>Full Semester</td>
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</tbody>
</table>

New students interested in Applied Music instruction should attend the orientation meeting Tues. Aug 24, 2021, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed. For more information call 714-564-5655 or email Briones_Michael@sac.edu 92 arranged hours per semester.
MUS 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.

<table>
<thead>
<tr>
<th>01094</th>
<th>5:00p-5:50p</th>
<th>Tu</th>
<th>Jones E</th>
<th>P-100</th>
<th>Full Semester</th>
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</thead>
<tbody>
<tr>
<td>01094</td>
<td>6:00p-6:50p</td>
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<td>Jones E</td>
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</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

MUS 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. Designed for both music majors and non-music majors.
Prerequisite: Music 121 with a minimum grade of C.

<table>
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<tr>
<th>01097</th>
<th>5:00p-5:50p</th>
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<th>Jones E</th>
<th>P-100</th>
<th>Full Semester</th>
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<tr>
<td>01097</td>
<td>6:00p-6:50p</td>
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<td>Jones E</td>
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</tbody>
</table>

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MUS 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.

<table>
<thead>
<tr>
<th>01099</th>
<th>5:00p-5:50p</th>
<th>Tu</th>
<th>Jones E</th>
<th>P-100</th>
<th>Full Semester</th>
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<tbody>
<tr>
<td>01099</td>
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<td>P-100</td>
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</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

MUS 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.

<table>
<thead>
<tr>
<th>01100</th>
<th>5:00p-5:50p</th>
<th>Tu</th>
<th>Jones E</th>
<th>P-100</th>
<th>Full Semester</th>
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<tbody>
<tr>
<td>01100</td>
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<td>Tu</td>
<td>Jones E</td>
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</tr>
</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

MUS 135 – CONCERT CHORALE  1.0 UNIT
Rehearsal and performance of standard and current choral repertoire. Designed to train students in mixed ensemble singing. Public performance emphasized. Each semester requires performance of a variety of new and different repertoire. Designed for students who have basic singing skills.

<table>
<thead>
<tr>
<th>01710</th>
<th>7:00p-10:10p</th>
<th>Tu</th>
<th>Jones E</th>
<th>N-117</th>
<th>Full Semester</th>
</tr>
</thead>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

MUS 136 – COLLEGIATE CHOIR  1.0 UNIT
Mixed chorus which rehearses and performs a variety of music, including classical, folk tunes, and songs from Broadway musicals. Each semester requires performance of new repertoire.

<table>
<thead>
<tr>
<th>01712</th>
<th>7:00p-10:10p</th>
<th>Tu</th>
<th>Jones E</th>
<th>N-117</th>
<th>Full Semester</th>
</tr>
</thead>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

| ONLINE (O) | Time-flexible online lecture and materials with no scheduled meeting times |
| HYBRID (H) | Combination of online and live scheduled web or on-campus meetings |
| REMOTE LIVE (RL) | Live scheduled web meetings during published course times |
| REMOTE BLENDED (RB) | Live scheduled web & on-campus meetings during published dates and times |
| FACE TO FACE (F2F) | Meetings are on-campus during published course times |

Low cost or free textbooks:
- OER
- ZTC
- HONORS
### MUS 137 – CHAMBER CHOIR
1.0 UNIT
Rehearsal and performance of chamber choir repertoire from various historical periods. Course designed for festival and concert performance. Each semester requires the performance of new repertoire.

<table>
<thead>
<tr>
<th>C01715</th>
<th>3:20p-4:55p</th>
<th>M W</th>
<th>Jones E</th>
<th>N-117</th>
<th>Full Semester</th>
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<td>1 hour arranged per week.</td>
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</table>

### MUS 141 – INSTRUMENTAL ENSEMBLES
1.0 UNIT
Study, rehearsal, and performance of music for small commercial instrumental groups. Music literature will differ each semester. Previous instrumental performance experience recommended.

<table>
<thead>
<tr>
<th>C01242</th>
<th>2:50p-6:00p</th>
<th>Th</th>
<th>Viramontes E</th>
<th>P-100</th>
<th>Full Semester</th>
</tr>
</thead>
</table>

### MUS 142 – CREATING MUSIC ON THE DIGITAL AUDIO WORKSTATION
1.0 UNIT
Basic techniques in creating music with computer assisted technology, including the production of software instrument tracks, drum track programming, audio recording, editing, mixdown, and use of the software sampler. Students learn practical applications through creation of musical projects.

<table>
<thead>
<tr>
<th>C01114</th>
<th>11:20a-12:10p</th>
<th>Tu Th</th>
<th>Marr J</th>
<th>DMC-204</th>
<th>08/23-10/14</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>12:20p-1:25p</td>
<td>Tu Th</td>
<td>Marr J</td>
<td>DMC-204</td>
<td></td>
</tr>
</tbody>
</table>

### MUS 143 – INTERMEDIATE TECHNIQUES ON THE DIGITAL AUDIO WORKSTATION
1.0 UNIT
Intermediate techniques in creating music with computer assisted technology including digital sound manipulation, time and pitch editing, virtual mixing, auxiliary tracks, MIDI effects, and use of the software sampler. Students learn practical applications and electronic composition through creation of musical projects.

Prerequisite: Music 142 with a minimum grade of C.

<table>
<thead>
<tr>
<th>C01122</th>
<th>11:20a-12:25p</th>
<th>Tu Th</th>
<th>Marr J</th>
<th>DMC-204</th>
<th>10/19-12/12</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>12:35p-1:40p</td>
<td>Tu Th</td>
<td>Marr J</td>
<td>DMC-204</td>
<td></td>
</tr>
</tbody>
</table>

### MUS 144 – PROJECTS IN ELECTRONIC MUSIC
1.0 UNIT
Exploration of digital recording and MIDI concepts for commercial applications. Individual projects will improve and extend students’ skills in the areas of composition, sequencing, and recording. Assignments will help prepare students for level I certification in logic.

Prerequisite: Music 143 or Music 147 with a minimum grade of C.

<table>
<thead>
<tr>
<th>C01125</th>
<th>11:20a-12:25p</th>
<th>Tu Th</th>
<th>Marr J</th>
<th>DMC-204</th>
<th>10/19-12/12</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12:35p-1:40p</td>
<td>Tu Th</td>
<td>Marr J</td>
<td>DMC-204</td>
<td></td>
</tr>
</tbody>
</table>

### MUS 147 – DIGITAL RECORDING STUDIO SOUND DESIGN
2.0 UNITS
Techniques of sound design in the digital recording studio including creation of sampler instruments, classic analog synthesizer programming, and other techniques of original sound creation using digital audio manipulation. Some prior experience on a digital audio workstation recommended.

<table>
<thead>
<tr>
<th>C01141</th>
<th>11:25a-1:35p</th>
<th>M W</th>
<th>D’Ignazio R</th>
<th>DMC-204</th>
<th>10/18-12/12</th>
</tr>
</thead>
</table>

### MUS 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.

<table>
<thead>
<tr>
<th>C01145</th>
<th>4:00p-5:25p</th>
<th>M W</th>
<th>Garcia J</th>
<th>DMC-204</th>
<th>Full Semester</th>
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<tbody>
<tr>
<td></td>
<td>5:25p-5:55p</td>
<td>M W</td>
<td>Garcia J</td>
<td>DMC-204</td>
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</table>

### MUS 153 – INTRODUCTION TO GAME AUDIO
2.0 UNITS
Introduction to the techniques and implementation of audio production in game design including the incorporation of music, dialog and sound effects. Recording, editing, digital effect application, looping, layering, and mixing for an interactive game environment are covered.

<table>
<thead>
<tr>
<th>C01149</th>
<th>10:20a-11:50a</th>
<th>M W</th>
<th>D’Ignazio R</th>
<th>DMC-204</th>
<th>08/23-10/13</th>
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<td>M W</td>
<td>D’Ignazio R</td>
<td>DMC-204</td>
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### MUS 161 – CLASS PIANO I
1.0 UNIT
Group instruction for beginners emphasizing note reading, basic keyboard skills, chord patterns and sight reading. Practice outside of class required. Practice pianos available on campus. Required for music majors whose principal instrument is not piano.

<table>
<thead>
<tr>
<th>C01151</th>
<th>12:00p-12:50p</th>
<th>M</th>
<th>Lee S</th>
<th>N-106</th>
<th>Full Semester</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>12:00p-12:50p</td>
<td>W</td>
<td>Lee S</td>
<td>N-106</td>
<td></td>
</tr>
</tbody>
</table>

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**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- OER
- ZTC
- HONORS
## SANTA ANA COLLEGE – FALL 2021

### MUS 162 – CLASS PIANO II

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Credit</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>01159</td>
<td>7:00p–7:50p</td>
<td>Tu</td>
<td>Nguyen H</td>
<td>N-106</td>
<td>Full Semester</td>
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</tr>
<tr>
<td>01159</td>
<td>8:00p–8:50p</td>
<td>Tu</td>
<td>Nguyen H</td>
<td>N-106</td>
<td>Full Semester</td>
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</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [rsccd.instructure.com](http://rsccd.instructure.com)

### MUS 163 – CLASS PIANO III

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Credit</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>01160</td>
<td>12:10p–1:00p</td>
<td>Tu</td>
<td>Jin J</td>
<td>N-106</td>
<td>Full Semester</td>
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</tr>
<tr>
<td>01160</td>
<td>12:10p–1:00p</td>
<td>Th</td>
<td>Jin J</td>
<td>N-106</td>
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</table>

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### MUS 164A – INTERMEDIATE PIANO REPERTOIRE I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Credit</th>
<th>Type</th>
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<tr>
<td>01164</td>
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<td>Jin J</td>
<td>N-106</td>
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<td>01164</td>
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<td>Th</td>
<td>Jin J</td>
<td>N-106</td>
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### MUS 164B – INTERMEDIATE PIANO REPERTOIRE II

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Credit</th>
<th>Type</th>
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<tbody>
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<td>01168</td>
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<td>Jin J</td>
<td>N-106</td>
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<tr>
<td>01168</td>
<td>1:10p–1:40p</td>
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<td>Jin J</td>
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<td>Full Semester</td>
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### MUS 168 – STYLISTIC INTERPRETATION OF PIANO REPERTOIRE

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<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Credit</th>
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<td>01169</td>
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<td>Jin J</td>
<td>N-106</td>
<td>Full Semester</td>
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<td>12:40p–1:30p</td>
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<td>Jin J</td>
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</tbody>
</table>

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### REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

### FACE TO FACE (F2F) Meetings are on-campus during published course times

### Low cost or free textbooks:

- OER
- ZTC
- HONORS
MUS 171 – CONCERT BAND 1.0 UNIT
Study and rehearsal of band music for concert performances on campus and in the community. Each semester requires performance of new and different repertoire. Designed for students with basic performance skills.

| 01231 | 6:35p-9:55p | W | Briones M | P-100 | Full Semester |

MUS 175 – JAZZ ENSEMBLE 1.0 UNIT
Study, rehearsal, and performance of contemporary jazz/rock music for the jazz ensemble with help in developing techniques of improvisation. Each semester requires performance of new and different jazz repertoire. Designed for students with basic performance skills.

| 01245 | 6:35p-9:45p | M | Briones M | P-100 | Full Semester |

MUS 176 – JAZZ BAND 1.0 UNIT
Advanced study, rehearsal, and performance of standard and contemporary jazz literature. Includes advanced techniques in improvisation. Each semester requires performance of new and different repertoire. Designed for students with basic performance skills.

| 01246 | 6:35p-9:45p | M | Briones M | P-100 | Full Semester |

MUS 178 – MARIACHI 1.0 UNIT
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.

| 01241 | 2:50p-6:00p | Th | Viramontes E | P-100 | Full Semester |

MUS 180A – STRING METHODS 1.0 UNIT
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.

| 01752 | 6:00p-6:50p | Tu | Kaye J | N-114 | Full Semester |
| 7:00p-7:50p | Tu | Kaye J | N-114 |

MUS 180B – INTERMEDIATE STRING METHODS 1.0 UNIT
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.

| 01753 | 6:00p-6:50p | Tu | Kaye J | N-114 | Full Semester |
| 7:00p-7:50p | Tu | Kaye J | N-114 |

MUS 180C – ADVANCED STRING METHODS 1.0 UNIT
Advanced instruction on violin, viola, cello, or string bass. Skills developed through in-class rehearsal and performance of advanced technical exercises and orchestral repertoire. 
Prerequisite: Music 180B with a minimum grade of C.

| 03304 | 6:00p-6:50p | Tu | Kaye J | N-114 | Full Semester |
| 7:00p-7:00p | Tu | Kaye J | N-114 |

MUS 181 – CHAMBER ORCHESTRA 1.0 UNIT
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.

| 01754 | 6:00p-9:10p | Tu | Kaye J | N-114 | Full Semester |

MUS 185 – BEGINNING CLASSICAL GUITAR 1.0 UNIT
Guitar playing techniques of right hand and left hand fingers. Development of correct finger usage. Basic instruction in reading staff notation and relating staff notation to practical playing of solo and ensemble repertoire. Student must furnish nylon string guitar.

| 01756 | 2:00p-2:50p | M | D'Ignazio R | N-114 | Full Semester |
| 2:00p-2:50p | W | D'Ignazio R | N-114 |

| 01216 | 6:10p-7:00p | M | Adele D | N-117 | Full Semester |
| 7:10p-8:00p | M | Adele D | N-117 |

MUS 186 – INTERMEDIATE CLASSICAL GUITAR 1.0 UNIT
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.

| 01217 | 7:10p-8:00p | M | Adele D | N-117 | Full Semester |
| 8:10p-9:00p | M | Adele D | N-117 |

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**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

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**Low cost or free textbooks:**

- OER
- ZTC
- HONORS
MUS 187 – ADVANCED CLASSICAL GUITAR 1.0 UNIT
Instruction at the advanced level in solo, duo, and trio repertoire. Emphasizes advanced technical studies and etudes and performance styles of 16th through 20th century music. Student must provide nylon string guitar.
Prerequisite: Music 186 with a minimum grade of C.

01218 8:45p-9:15p M Adele D N-117 Full Semester
7:10p-8:35p M Adele D N-117

MUS 188 – ADVANCED CLASSICAL GUITAR TECHNIQUE AND REPERTOIRE 1.0 UNIT
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.

01219 7:10p-8:00p M Adele D N-117 Full Semester
8:10p-9:00p M Adele D N-117

MUS 189 – GUITAR ENSEMBLE 1.0 UNIT
Rehearsal and performance of standard and current repertoire for guitar ensemble. Each semester requires the performance of a variety of different repertoire. Designed for students who can read notes in first position.

01249 10:00a-1:10p Sa Adele D N-114 Full Semester

MUS 213 – THEORY 3 3.0 UNITS
Prerequisite: Music 112 with a minimum grade of C.

02989 7:00p-10:10p Th Kehlenbach E N-117 Full Semester

MUS 215A – APPLIED MUSIC (ADVANCED PRIVATE INSTRUCTION) 1.5 UNITS
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.

01719 Briones M C-104 Full Semester
New students interested in Applied Music instruction should attend the orientation meeting Tues. Aug 24, 2021, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed.
For more information call 714-564-5655 or email Briones_Michael@sac.edu 92 arranged hours per semester.

MUS 241 – CHAMBER MUSIC ENSEMBLE 1.0 UNIT
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.

01250 1:00p-3:10p Sa Adele D N-114 Full Semester
01243 2:50p-6:00p Th Virmontes E P-100 Full Semester
01717 3:20p-4:55p M W Jones E N-117 Full Semester
01755 6:00p-9:10p Tu Kaye J N-114 Full Semester

MUS 268 – INTERMEDIATE KEYBOARD REPERTOIRE 1.0 UNIT
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.

01209 12:40p-1:30p Tu Jin J N-106 Full Semester
12:40p-1:30p Th Jin J N-106
01215 7:00p-7:50p W Jin J N-106 Full Semester
8:00p-8:50p W Jin J N-106

MUS 271 – SYMPHONIC BAND 1.0 UNIT
The rehearsal and performance of band music. Preparation of standard band repertoire for performances in the community. Each semester requires performance of a variety of new and different repertoire. Designed for students with intermediate or advanced performance skills.

01233 6:35p-9:55p W Briones M P-100 Full Semester

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
NRN 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 NRN-161, NRN 161L, NRN 163, NRN-163L NRN 171, and NRN 171L.
Open Entry / Open Exit
97844 Mixer D CANVAS 08/23-12/11
27 hours to be arranged.
97845 Staff CANVAS 08/23-12/11
27 hours to be arranged.

NRN 106B – HEALTH SCIENCES SKILLS LABORATORY - SECOND SEMESTER 0.5 UNIT
Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of nursing concepts pertaining to maternal-child health and mastery of psychomotor skills related to maternal-child biological and psychosocial needs addressed in courses NRN 164, NRN 164L, NRN 165, NRN 165L, NRN 172, and NRN 172L.
Open Entry / Open Exit
97846 Mixer D CANVAS 08/23-12/11
27 hours to be arranged.

NRN 106C – HEALTH SCIENCES SKILLS LABORATORY - FIRST YEAR REFRESHER 0.5 UNIT
Supervised use with supplemental learning assistance of skills lab to assist the re-entry student or EMT student in the expansion of clinical competency of principles of nursing and mastery of basic to intermediate psychomotor skills content addressed in courses NRN 161, NRN 161L, NRN 163, NRN 163L, NRN 164, NRN 164L, NRN 171, NRN 171L, NRN 172, NRN 172L, EMT 104 or EMT 105.
Open Entry / Open Exit
97847 Mixer D CANVAS 08/23-12/11
27 hours to be arranged.

NRN 170 – PHARMACOLOGICAL CONCEPTS OF NURSING 2.0 UNITS
This pharmacology 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 related to pharmacology including: fluid and electrolyte balance, metabolism, central nervous system, cellular regulation, oxygenation, perfusion, reproduction, inflammation, infection, mobility, comfort, stress and coping, mood & affect, cognition, safety & infection control, communication, professional behavior, diversity, health promotion, healthcare systems, clinical reasoning/judgment, and ethics. Further emphasis is placed on dosage calculations, drug classifications, and application of the nursing process to drug administration. Upon completion, students should be able to identify safe nursing care incorporating the concepts discussed in this course.
Prerequisite: Biology 239, Biology 249, and Biology 139 or Biology 229, and English 101 or English 101H with a minimum grade of C.

H 97814 Papa E HYBRID 08/23-12/11
1:00p-3:05p W Staff R-114
Students are required to log onto Canvas the first day of classes:rsccd.instructure.com. Hybrid instruction, a combination of online instruction and on-campus meetings on 8/25 (orientation), 9/15, 9/22, 10/13, 10/27, 11/17, and 12/8 from 1:00pm-3:05pm in R-114.Requires Lippincott e-textbook platform. Directions for purchasing the platform will be given during orientation. Must be in the Nursing Program or have a letter from the program Director to register.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
NRN 171 – PRINCIPLES OF NURSING PRACTICE AND SIMPLE CONCEPTS  4.5 UNITS
This course introduces and develops 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, fluid and electrolyte balance, perfusion, inflammation, infection, mobility, cognition, 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 and explain safe nursing care incorporating the concepts discussed in this course. Prerequisite: Biology 239, Biology 249, and Biology 139 or Biology 229, and English 101 or English 101H with a minimum grade of C.

NRN 171L – PRINCIPLES OF NURSING PRACTICE AND SIMPLE CONCEPTS LAB  4.5 UNITS
This clinical course applies the concepts of NRN 171 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: elimination, metabolism, fluid and electrolyte balance, perfusion, inflammation, infection, mobility, cognition, oxygenation, tissue integrity, comfort, emergencies, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, healthcare system, ethics, and clinical competency. Prerequisite: Biology 239, Biology 249, and Biology 139 or Biology 229, and English 101 or English 101H with a minimum grade of C.

[Table of course sections with times, days, and instructors, including remoteness options (Remote Live, Remote Blended, Face to Face), and fees and textbooks information.]

Low cost or free textbooks:
- OER
- ZTC
- HONORS

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
NRN 172 – FAMILY HEALTH AND ILLNESS CONCEPTS 4.0 UNITS
This course describes and relates the concepts 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, comfort, emergencies, oxygenation, inflammation, 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 Family Health and Illness Concepts course.
Prerequisite: Nursing-Registered 170 and Nursing-Registered 171 with a minimum grade of C, and Nursing-Registered 171L with a minimum grade of P.

97824 3:20p-5:25p W Th Ettinger B RL 08/23-12/11
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Requires Lippincott e-textbook platform. Directions for purchasing the platform will be given during orientation. There are testing fees. Directions for paying the fees will be emailed.

NRN 172L – FAMILY HEALTH AND ILLNESS CONCEPTS LAB 4.5 UNITS
This clinical course applies the concepts of NRN 172 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, comfort, emergencies, oxygenation, inflammation, 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 Family Health and Illness Concepts Lab.
Prerequisite: Nursing-Registered 170 and Nursing-Registered 171 with a minimum grade of C, and Nursing-Registered 171L with a minimum grade of P.

Orientation for all NRN-172L sections is 08/23/2021.

NRN 206A – HEALTH SCIENCES SKILLS LABORATORY - THIRD SEMESTER 0.5 UNIT
Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of mental health nursing and mastery of psychomotor skills content addressed in courses NRN 261, NRN 261L, NRN 262, NRN 262L, NRN 271, and NRN 271L.
Open Entry / Open Exit

97848 27 hours to be arranged. Scheduling information is available from the Health Sciences/Nursing office. Orientation for all NRN-172L sections is on 8/23/21.
97849 27 hours to be arranged. Scheduling information is available from the Health Sciences/Nursing office. Orientation for all NRN-172L sections is on 8/23/2021.

NRN 206B – HEALTH SCIENCES SKILLS LABORATORY - FOURTH SEMESTER 0.5 UNIT
Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of advanced medical/surgical nursing concepts and mastery of advanced medical/surgical psychomotor skills content addressed in courses NRN 263, NRN 263L, NRN 264L, NRN 272, and NRN 272L.
Open Entry / Open Exit

97850 27 hours to be arranged.
NRN 206C – HEALTH SCIENCES SKILLS LABORATORY - SECOND YEAR TRANSITION 0.5 UNIT
Supervised use with supplemental learning assistance of skills lab to assist the RN refresher, advanced placed nursing student, or EMT student in the development and maintenance of clinical competency of nursing theoretical knowledge and mastery of advanced psychomotor skills content necessary for the transition into clinical practice as addressed in courses NRN 261, NRN 261L, NRN 262, NRN 262L, NRN 263, NRN 263L, NRN 264L, NRN 271, NRN 271L, NRN 272, and NRN 272L; EMT 104, or EMT 105.
Open Entry / Open Exit

97851  Mixer D  CANVAS  08/23-12/11
27 hours to be arranged.

NRN 271 – MENTAL HEALTH AND ACUTE CONCEPTS 4.0 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, central nervous system regulation, cellular regulation, oxygenation, perfusion, inflammation, infection, mobility, comfort, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, health care system, and ethics. Upon completion, students should be able to analyze safe nursing care incorporating the concepts discussed in this course.
Prerequisite: Nursing-Registered 172 with a minimum grade of C and Nursing-Registered 172L with a minimum grade of P.

R 97831  12:30p-2:35p  W Th  Valtairo R  RL  08/23-12/11
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. [rsccd.instructure.com]. There will be no instruction on-campus. Requires Lippincott’s e-textbook platform. Directions for paying for the platform will be given during orientation and in class. There is a Kaplan testing fee. Directions for paying the fee will be emailed by Kaplan. Only students enrolled in the Extended Campus Program are allowed to register for section # 97830.

R 97830  5:00p-7:05p  W Th  Valtairo R  RL  08/23-12/11
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. [rsccd.instructure.com]. There will be no instruction on-campus. Requires Lippincott’s e-textbook platform. Directions for paying for the platform will be given during orientation and in class. There is a Kaplan testing fee. Directions for paying the fee will be emailed by Kaplan. Only students enrolled in the Extended Campus Program are allowed to register for section # 97830.

NRN 271L – MENTAL HEALTH AND ACUTE CONCEPTS LAB 4.5 UNITS
This clinical course applies the concepts of NRN 271 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, central nervous system regulation, cellular regulation, oxygenation, perfusion, inflammation, infection, mobility, comfort, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, health care system, ethics and clinical competency.
Prerequisite: Nursing-Registered 172 with a minimum grade of C and Nursing-Registered 172L with a minimum grade of P.

F 97832  14:00p-16:35p  Spady S  UCI  08/23-12/06
243 hours to be arranged. Scheduling information is available from the Health Science/Nursing office. Only students enrolled in the Extended Campus Program are allowed to register for sections 97836 and 97837. Orientation for all NRN-271L sections will be on 8/27/21.

F 97833  14:00p-16:35p  Valtairo R  COL  08/23-12/06
243 hours to be arranged. Scheduling information is available from the Health Science/Nursing office. Only students enrolled in the Extended Campus Program are allowed to register for sections 97836 and 97837. Orientation for all NRN-271L sections will be on 8/27/21.

F 97834  14:00p-16:35p  Delaby M  SJH  08/23-12/06
243 hours to be arranged. Scheduling information is available from the Health Science/Nursing office. Only students enrolled in the Extended Campus Program are allowed to register for sections 97836 and 97837. Orientation for all NRN-271L sections will be on 8/27/21.

F 97835  14:00p-16:35p  Valtairo R  COL  08/23-12/07
243 hours to be arranged. Scheduling information is available from the Health Science/Nursing office. Only students enrolled in the Extended Campus Program are allowed to register for sections 97836 and 97837. Orientation for all NRN-271L sections will be on 8/27/21.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times

HYBRID (H) Combination of online and live scheduled web or on-campus meetings

REMOTE LIVE (RL) Live scheduled web meetings during published course times

REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times

FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:

OER

ZTC

HONORS

SANTA ANA COLLEGE – FALL 2021

ONLINE (O)

97836

Stucken R COL 08/23-12/11

243 hours to be arranged. Scheduling information is available from the Health Science/Nursing office. Only students enrolled in the Extended Campus Program are allowed to register for sections 97836 and 97837. Orientation for all NRN-271L sections will be on 8/27/21.

HYBRID (H)

97837

Rivera M SJH 08/23-12/11

243 hours to be arranged. Scheduling information is available from the Health Science/Nursing office. Only students enrolled in the Extended Campus Program are allowed to register for sections 97836 and 97837. Orientation for all NRN-271L sections will be on 8/27/21.

NRN 272 – COMPLEX CONCEPTS

3.5 UNITS

This course formulates the concepts 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, metabolism, central nervous system regulation, oxygenation, perfusion, tissue integrity, infection, mobility, comfort, emergencies, safety & infection control, diversity, health promotion, communication, professional behavior, clinical reasoning/ judgment, health care system, and ethics. Upon completion, students should be able to synthesize safe nursing care incorporating the concepts discussed in this course.

Prerequisite: Nursing-Registered 271 with a minimum grade of C and Nursing-Registered 271L with a minimum grade of P.

REMOTE LIVE

97838 1:40p-4:15p M Carriger L RL 08/23-12/11

1:40p-4:15p Th Jones L RL

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Requires Lippincott e-textbook platform. Directions for purchasing the platform will be given during orientation. There is a Kaplan testing fee. Directions for paying the Kaplan testing fee will be emailed by Kaplan.

NRN 272L – COMPLEX CONCEPTS AND PRECEPTORSHIP LAB

4.5 UNITS

This clinical course applies the concepts of NRN 272 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, metabolism, central nervous system regulation, oxygenation, perfusion, tissue integrity, infection, mobility, comfort, emergencies, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, health care system, ethics, and clinical competency. Additional emphasis is placed on developing leadership skills including time management, prioritization, and delegation in an independent clinical environment precepted by an experienced registered nurse. Upon completion, students should be able to manage safe nursing care incorporating the concepts identified and discussed in the nursing curriculum.

Prerequisite: Nursing-Registered 271 with a minimum grade of C and Nursing-Registered 271L with a minimum grade of P.

97839

Jones L SJH 08/23-12/11

243 hours to be arranged.

97840

Carriger L OCG 08/23-12/11

243 hours to be arranged.

97841

Staff MH 08/23-12/11

243 hours to be arranged.

97842

Naraghi A UCI 08/23-12/11

243 hours to be arranged.

NUTRITION AND FOOD (NUTR)

NUTR 101 – THE FOOD SYSTEM AND CAREER OPPORTUNITIES

1.5 UNITS

Exploration of career opportunities and projected employment trends in dietetics, food science, and the food industry. Includes educational requirements for nutrition and dietetics majors, skill preparation, professional organizations, and ethics.

00532

Mathot S ONLINE 10/18-12/12

Fully online instruction only. No on-campus meetings required. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. Students are required to logon to Canvas the first day of classes. rsccd.instructure.com
NUTR 110 – FOOD SAFETY AND SANITATION  
2.0 UNITS  
Sanitation practices affecting individual operations. Prevention and control of foodborne illnesses through flow of food and HACCP management. Also includes study of worker safety.  
00663  Heremans T  ONLINE  10/18-12/12  
This class will be conducted through remote instruction. The instructor will provide detailed information regarding work assignments, assessment and streaming sessions to be completed remotely. Students are required to logon to Canvas on the first day of classes. rsccd.instructure.com  
00683  Heremans T  ONLINE  Full Semester  
This class will be conducted through remote instruction. The instructor will provide detailed information regarding work assignments, assessment and streaming sessions to be completed remotely. Students are required to logon to Canvas on the first day of classes. rsccd.instructure.com

NUTR 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.  
00525  Mathot S  RL  Full Semester  
This class is taught face-to-face at the Orange County School of the Arts (OCSA), located at 1010 North Main Street, Santa Ana, CA, 92701.  
00530  Mathot S  R-114  Full Semester  
03175  Grabowski A  OCSA  Full Semester  
00520  Mathot S  ONLINE  Full Semester  
00523  Rickrode T  ONLINE  10/18-12/12  
00524  Mathot S  ONLINE  Full Semester  
00527  Rickrode T  ONLINE  10/18-12/12

NUTR 120 – FOOD AND CULTURE  
3.0 UNITS  
A multicultural perspective on traditional and contemporary food choices. The class considers customs associated with food in relation to religion, health/medicine, human survival and symbolism. The impact of socioeconomic, historical events, population movements, and geography are also discussed.  
00529  Mathot S  ONLINE  Full Semester  
This class will be conducted through remote instruction. The instructor will provide detailed information regarding work assignments, assessment and streaming sessions to be completed remotely. Students are required to logon to Canvas on the first day of classes. rsccd.instructure.com

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times  
HYBRID (H) Combination of online and live scheduled web or on-campus meetings  
REMOTE LIVE (RL) Live scheduled web meetings during published course times  
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times  
FACE TO FACE (F2F) Meetings are on-campus during published course times  
Low cost or free textbooks:  
OER  
ZTC  
HONORS
NUTR 121 – SPORTS NUTRITION 3.0 UNITS
Overview of the role nutrition plays in sports and athletic performance. An emphasis on energy and nutrient needs, determination of hydration status, sport specific nutrient recommendations, body composition, and supplementation guidelines.

00531 Mathot S ONLINE Full Semester
Fully online instruction only. No on-campus meetings required. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. Students are required to logon to Canvas the first day of classes. rsccd.instructure.com

OCCUPATIONAL STUDIES (OS)

OS 301 – THERAPEUTIC APPROACHES TO THE OLDER ADULT 3.0 UNITS
This course will build upon the developmental concepts of aging to examine quality of life in older adulthood. The focus of this course will be on evaluating older adults from an occupational perspective and analyzing the skills needed to maintain independence and to successfully participate in meaningful activities throughout the older years.

00719 Wang W HYBRID 08/23-10/17
1:00p-4:00p Sa Staff CANVAS
This class will be conducted online and through remote instruction. Students are expected to log onto Canvas for online live streaming sessions during the same time and days outlined in the course syllabus. Students are required to logon to Canvas on the first day of classes. rsccd.instructure.com

OS 304 – MOVEMENT THEORY & ANALYSIS 3.0 UNITS
Movement is a significant aspect of occupational performance. This course will focus on current theories of motor control and motor learning with an emphasis of how these theories can be applied to provide evidence-based practice to people with motor dysfunction.

00725 Wang W HYBRID 10/18-12/12
1:00p-4:00p Sa Staff CANVAS
This class will be conducted online and through remote instruction. Students are expected to log onto Canvas for online live streaming sessions during the same time and days outlined in the course syllabus. Students are required to logon to Canvas on the first day of classes. rsccd.instructure.com

OS 305 – ADVANCED PEDIATRIC PRACTICE FOR THE OCCUPATIONAL THERAPY ASSISTANT (OTA) 3.0 UNITS
This course will build upon developmental concepts relative to pediatric Occupational Therapy (OT) practice. The focus of this course will be to examine a variety of settings related to pediatric occupational therapy practice and provide OT treatment to pediatric clients in these settings.

01903 McKenna-Sallade D ONLINE 10/18-12/12
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

OS 310 – COMMUNITY-BASED OCCUPATIONAL THERAPY PRACTICE 3.0 UNITS
This course will focus on the practice of Occupational Therapy (OT) in community-based settings. This will include an in-depth analysis of the history and growth of OT practice in the community. Students will analyze the role of OT in community settings with a variety of populations and develop a plan for a community based program.

01904 Wang W HYBRID 08/23-10/17
This class will be conducted online and through remote instruction. Students are expected to log onto Canvas for online live streaming session during the same time and days outlined in the course syllabus. Students are required to logon to Canvas on the first day of classes. rsccd.instructure.com

OS 325 – APPLYING RESEARCH TO OCCUPATIONAL THERAPY INTERVENTION 3.0 UNITS
The focus on this course is to utilize research in evidence-based practice of occupational therapy. This class will focus on obtaining evidence, evaluating research and utilizing qualitative research.

01905 Wang W HYBRID Full Semester
This class will be conducted online and through remote instruction. Students are expected to log onto Canvas for online live streaming session during the same time and days outlined in the course syllabus. Students are required to logon to Canvas on the first day of classes. rsccd.instructure.com

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HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
OTA 100 – MEDICAL TERMINOLOGY AND DOCUMENTATION FOR THE O.T.A. 1.0 UNIT
This course will offer an introduction to basic medical terminology and documentation appropriate to practice needs of the Occupational Therapy Assistant.
Prerequisite: Biology 149 or Biology 239 and Biology 249 with a minimum grade of C.

01906 Reeder S ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

OTA 101 – FOUNDATIONS OF OCCUPATION AND OCCUPATIONAL THERAPY 4.0 UNITS
This course defines and explores occupation 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.

01907 Reeder S ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

OTA 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 Communication Studies 101/101H, or 102/102H or 103/103H or 140 or 145 with a minimum grade of C.

01908 Padilla J RB Full Semester
8:30a-11:40a Tu Th Padilla J T-210
Remote Blended. Students attend virtually on Canvas and meet for on-campus instruction during the days and times indicated, rsccd.instructure.com.

OTA 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 100, Occupational Therapy Assistant 101, Occupational Therapy Assistant 101L and Occupational Therapy Assistant 110 with a minimum grade of C.

01909 Hyman D RB Full Semester
2:30p-4:35p Tu Th Staff T-210
Remote Blended. Students attend virtually on Canvas and meet for on-campus instruction during the days and times indicated. rsccd.instructure.com.

OTA 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, Occupational Therapy Assistant 101L and Occupational Therapy Assistant 110 with a minimum grade of C.

01910 Hyman D RB Full Semester
5:15p-8:25p Tu Th Staff T-210
Remote Blended. Students attend virtually on Canvas and meet for on-campus instruction during the days and times indicated, rsccd.instructure.com. Section 01910 has 2.5 hours arranged per week.

OTA 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, Occupational Therapy Assistant 102L, Occupational Therapy Assistant 111 and Occupational Therapy Assistant 115 with a minimum grade of C.

01911 Wang W RB Full Semester
12:30p-2:35p M W Wang W T-210
Remote Blended. Students attend virtually on Canvas and meet for on-campus instruction during the days and times indicated, rsccd.instructure.com.

LOW COST OR FREE TEXTBOOKS:
- OER
- ZTC
- HONORS

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
## OTA 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, Occupational Therapy Assistant 102L, Occupational Therapy Assistant 111 and Occupational Therapy Assistant 115 with a minimum grade of C.

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<th>Code</th>
<th>Instructor</th>
<th>Delivery</th>
<th>Crn</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>01912</td>
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<td>Staff</td>
<td>M W</td>
<td>3:30p-6:40p</td>
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</tr>
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</table>

Remote Blended. Students attend virtually on Canvas and meet for on-campus instruction during the days and times indicated, rsccd.instructure.com. Section 01912 has 2.5 hours arranged per week.

## OTA 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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<th>Code</th>
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<td>Tu Th</td>
<td>12:15p-1:40p</td>
<td>T-210</td>
</tr>
</tbody>
</table>

Remote Blended. Students attend virtually on Canvas and meet for on-campus instruction during the days and times indicated, rsccd.instructure.com.

## OTA 111 – APPLIED KINESIOLOGY 1.0 UNIT

This course will focus on understanding human movement as an integral component of occupational performance and will examine how kinesiology and biomechanics are utilized in treatment by the Occupational Therapy Assistant. 

**Prerequisite:** Occupational Therapy Assistant 100, 101, 101L, and 110 with a minimum grade of C.

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<th>Code</th>
<th>Instructor</th>
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<th>Crn</th>
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.

## OTA 115 – HUMAN DISEASE AND OCCUPATION 2.0 UNITS

This class will explore diseases that are commonly seen in occupational therapy practice and the effect they have on participation in occupation. Each disease will be covered in terms of etiology, prognosis, prevention, pathophysiology, medical management, precautions, and lifestyle redesign required as a result of the disease. 

**Prerequisite:** Occupational Therapy Assistant 100, 101, 101L, and 110 with a minimum grade of C.

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<th>Code</th>
<th>Instructor</th>
<th>Delivery</th>
<th>Crn</th>
<th>Days</th>
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com.

## OTA 201 – CONTEMPORARY MODELS OF OCCUPATIONAL THERAPY PRACTICE 4.0 UNITS

This lecture/lab course explores the multiple roles of the occupational therapy assistant in documentation, service management, professional behaviors, non-traditional roles, and contemporary models of practice. 

**Prerequisite:** Occupational Therapy Assistant 102, Occupational Therapy Assistant 102L, Occupational Therapy Assistant 111 and Occupational Therapy Assistant 115 with a minimum grade of C.

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<th>Code</th>
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<td>M W</td>
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</table>

Remote Blended. Students attend virtually on Canvas and meet for on-campus Lab instruction during the days and times indicated, rsccd.instructure.com.

## OTA 202 – LEVEL II FIELDWORK - PART I 6.0 UNITS

Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply learned knowledge and skills. 

**Prerequisite:** Occupational Therapy Assistant 103, 103L and 201 with a minimum grade of C.

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<tr>
<th>Code</th>
<th>Instructor</th>
<th>Crn</th>
<th>Days</th>
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<td>No on-campus meetings. Section 01917 has 40 hours arranged per week at assigned fieldwork location.</td>
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</table>

## OTA 203 – LEVEL II FIELDWORK - PART II 6.0 UNITS

Supervised fieldwork experience in an occupational therapy practice setting that will provide the student appropriate opportunities to apply knowledge and skills learned in the classroom.

**Prerequisite:** Occupational Therapy Assistant 103, Occupational Therapy Assistant 103L, and Occupational Therapy Assistant 201 with a minimum grade of C.

<table>
<thead>
<tr>
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<th>Instructor</th>
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</table>

### Course Codes
- **O**: Online (O) Time-flexible online lecture and materials with no scheduled meeting times
- **H**: Hybrid (H) Combination of online and live scheduled web or on-campus meetings
- **R**: Remote Live (RL) Live scheduled web meetings during published course times
- **R**: Remote Blended (RB) Live scheduled web & on-campus meetings during published dates and times
- **F**: Face to Face (F2F) Meetings are on-campus during published course times
- **L**: Low cost or free textbooks: OER, ZTC, HONORS
PARA 100 – LAW AND SOCIETY  3.0 UNITS
Overview of the legal system including the courts, participants and various sources of law in the American legal system and how society is affected. Review of the legal and judicial process in the United States covering the adversarial system, jurisdiction of federal and state courts, and the general process of judicial review and how different segments of society are affected. Explanation of different sources of law including statutes, court cases and administrative agency rules. Review of basic legal reasoning and introductory legal research methods. Introduction to substantive areas of law and the effect the law has in various groups and individuals in our system. Review of the role and regulation of legal professionals, legal ethics and consumer protection laws, and their effect on providing legal services to various segments of society.

99904  Robinson K  HYBRID  Full Semester
10:30a-11:30a  M W
Hybrid instruction. A combination of online and on-campus instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There is no additional textbook cost for this ZTC class.

99908  Smith K  HYBRID  Full Semester
7:00p-8:00p  M
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus. There is no additional textbook cost for this ZTC class.

99911  Williamson K  HYBRID  10/18-12/12
9:00a-1:05p  Sa
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus. There is no additional textbook cost for this ZTC class.

PARA 101 – LAW OFFICE MANAGEMENT  2.0 UNITS
Structure and procedures of the law office. Emphasis on time management, the role of paralegals and paralegal administrators in the law office, ethics in the law office, client property regulations, time keeping and billing, and technology management in a law office.

99912  Staff  ONLINE  Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com  Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

PARA 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 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.

99914  Smith K  ONLINE  Full Semester
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

99915  Smith K  ONLINE  09/20-12/12
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

99918  Smith K  ONLINE  10/18-12/12
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

PARA 107 – PRINCIPLES AND PROCEDURES IN THE CRIMINAL JUSTICE SYSTEM  3.0 UNITS
An examination and analysis of due process in criminal proceedings from pre-arrest through trial and appeal, utilizing statutory law and state and constitutional law precedents.

99919  Robinson K  RL  Full Semester
11:55a-1:20p  Tu Th
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

01806  Huskey J  R-128  Full Semester
6:40p-9:50p  W
This class meets on-campus.

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times
Low cost or free textbooks:
OER
ZTC
HONORS
### PARA 120 – COMPUTERS IN THE LAW OFFICE
**4.0 UNITS**
Exploration of technology utilized in a legal service office environment. Study of legal focused software and applications.

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<th>Course Code</th>
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Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas [rsccd.instructure.com](http://rsccd.instructure.com). There will be no instruction on-campus.

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<th>Course Code</th>
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<td>Full Semester</td>
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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [rsccd.instructure.com](http://rsccd.instructure.com) Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

### PARA 121 – LEGAL ETHICAL REASONING
**3.0 UNITS**
This course provides an introduction to concepts and theories of ethical decision-making, moral conduct, obligation and permission, justice, responsibility, as applied to the Legal Profession. The course will explore the application of the California Rules of Professional Conduct as applied to the legal profession and society in general.

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<th>Course Code</th>
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<td>Abdul-Fields A</td>
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Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. [rsccd.instructure.com](http://rsccd.instructure.com). There will be no instruction on-campus. There is no additional textbook cost for this ZTC class.

### PARA 140 – IMMIGRATION LAW AND PROCEDURE
**2.0 UNITS**
Basic study of Immigration Law in the United States, with focus on preparation of those forms used by immigrants to secure benefits. Computerized preparation of forms and procedures for filing with INS will be emphasized. Marketing procedures for paralegals involved in Immigration Law will be analyzed, and ethical considerations to avoid the illegal practice of law will be covered.

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<th>Course Code</th>
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<td>9:00a-1:15p</td>
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### PARA 145 – CIVIL LITIGATION OVERVIEW
**4.0 UNITS**

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Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas [rsccd.instructure.com](http://rsccd.instructure.com). There will be no instruction on-campus.

### PARA 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.

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<th>Course Code</th>
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Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas [rsccd.instructure.com](http://rsccd.instructure.com). There will be no instruction on-campus.

### PARA 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.

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Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas [rsccd.instructure.com](http://rsccd.instructure.com). There will be no instruction on-campus.

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**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- **OER**
- **ZTC**
- **HONORS**
PARA 246 – LEGAL RESEARCH AND ANALYSIS 4.0 UNITS
Principles of legal research, legal analysis, and techniques for the Paralegal to assist an attorney in the delivery of legal services to their client.
Recommended Preparation: Law 100 or Paralegal 100 with a minimum grade of C.

99939
6:00p-8:00p Tu Robinson K HYBRID Staff CANVAS Full Semester
Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rscsd.instructure.com. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

PARA 248 – ADVANCED RESEARCH AND WRITING 3.0 UNITS
Advanced projects in legal research and writing emphasizing legal form and style.
Prerequisite: Paralegal 246 with a minimum grade of C.

99942
6:00p-9:10p Tu Harman J RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rscsd.instructure.com. There will be no instruction on-campus. Students must complete PARA 246 with a C or better prior to taking PARA 248.

PARA 297 – THE PROFESSIONAL PARALEGAL 2.0 UNITS
This is the capstone class to the paralegal degree. Students will demonstrate their knowledge of ethics, legal principles, and the technical skills necessary for entry level employment as a paralegal. This course is to be taken in the semester of or prior to graduation. This course will include preparation of graduation petitions, professional resumes, and a professional portfolio that will include work prepared in PARA 101, PARA 121, PARA 120, PARA 145 and PARA 150. Students will be required to certify they are in the second to last or last semester prior to graduation.

99944
6:00p-9:10p Tu Smith K RL Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rscsd.instructure.com Instructors have elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class. Students must complete PARA 246 with a C or better prior to taking PARA 297. This course is intended for the final semester prior to program completion.

PARA 299 – COOPERATIVE WORK EXPERIENCE 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 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.

99945
6:00p-9:10p Tu Smith K RL Full Semester
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

PHARMACY TECHNOLOGY (PHAR) 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 to the law and ethics of pharmacy practice.

9101922
8:00a-10:05a Sa Ross Jr J RL Full Semester
Remote Live. Students attend live streamed classes on Canvas during the scheduled days and times. rscsd.instructure.com. There will be no instruction on-campus.

9101921
9:00a-11:05a Tu Latthitham A RL Full Semester
Remote Live. Students attend live streamed classes on Canvas during the scheduled days and times. rscsd.instructure.com. There will be no instruction on-campus.

PHAR 052 – BODY SYSTEMS II 3.5 UNITS
Anatomy, physiology, pathology, and pharmacology of the integumentary, endocrine, gastrointestinal, and nervous systems. Basic terminology, with emphasis on word analysis and construction, medical abbreviations, and lay terms. Trade/generic drug names and indications for medications in each body system. Emphasis on top 200 drugs.

9101923
9:00a-12:35p Th Nguyen H Full Semester
Remote Live. Students attend live streamed classes on Canvas during the scheduled days and times. rscsd.instructure.com. There will be no instruction on-campus.

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REMOTE LIVE (RL) Live scheduled web meetings during published course times
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FACE TO FACE (F2F) Meetings are on-campus during published course times

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<th>Course Code</th>
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**PHAR 055 – PHARMACY CALCULATIONS** 2.0 UNITS
This course introduces students to calculations related to drug dosage and preparation of medications. Interconversion of units in the metric and common systems of measurement are included. There is emphasis on unit-cancellation for solving pharmacy situation problems.

**PHAR 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: Pharmacy Technology 048, Pharmacy Technology 051, or Pharmacy Technology 052 and Pharmacy Technology 055 or Pharmacy Technology 054B with a minimum grade of C. Typing proficiency minimum of 30 wpm with 95% accuracy.

**PHAR 056L – 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 Pharmacy Operations lab class. Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy in compliance with the American Society of Health-System Pharmacists’ re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree. Corequisite: Pharmacy Technology 056.

**PHAR 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: Pharmacy Technology 048, and Pharmacy Technology 051 or Pharmacy Technology 052, and Pharmacy Technology 055 or Pharmacy Technology 054B with a minimum grades of C. (Typing proficiency of 30 WPM with 95% accuracy.)
PHAR 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 lapsed is defined as 1 year by departmental policy, in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.
Corequisite: Pharmacy Technology 057.
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PHAR 060 – 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 pharmacology of antimicrobial and antineoplastic drugs.
Prerequisite: Pharmacy Technology 048, Pharmacy Technology 051, Pharmacy Technology 052 and Pharmacy Technology 055 or Pharmacy Technology 054B with a minimum grade of C. Typing proficiency of 30 WPM with 95% accuracy.

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PHAR 060L – PHARMACY TECHNOLOGY SKILLS LAB 0.5 - 1.0 UNITS
Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the Sterile Products lab class (PHAR 060). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills Lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.
Corequisite: Pharmacy Technology 060.
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PHAR 072A – PHARMACY TECHNOLOGY EXTERNSHIP OUTPATIENT 0.5 - 2.0 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 is required for the Basic Certificate. Completion of PHAR 072A, PHAR 072B, PHAR 072C rotations (320 hours) is required for the advanced certificate and Associate Degree.
Prerequisite: Pharmacy Technology 056 with a minimum grade of C, and background checks, health screenings, current TB clearance, and drugs test clearance.
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### PHARMACY TECHNOLOGY EXTERNSHIP INPATIENT

**PHAR 072B**

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 with a minimum grade of C, and background checks, health screenings, current TB clearance, and drugs test clearance.

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### PHARMACY TECHNOLOGY EXTERNSHIP STERILE PRODUCTS

**PHAR 072C**

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 with a minimum grade of C, and background checks, health screenings, current TB clearance and drugs test clearance.

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### PHARMACY TECHNOLOGY SKILLS LAB

**PHAR 072L1**

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 lapse 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 056. Returning students who took Pharmacy Technology 056 can take Pharmacy Technology 072L-1 alone.

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**PHAR 072L2**

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 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 lapse 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:** Pharmacy Technology 057. Returning students who took Pharmacy Technology 057 can take Pharmacy Technology 072L-2 alone.

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### ONLINE (O)

- Time-flexible online lecture and materials with no scheduled meeting times
- Low cost or free textbooks:
- **OER**
- **ZTC**
- **HONORS**

### HYBRID (H)

- Combination of online and live scheduled web or on-campus meetings

### REMOTE LIVE (RL)

- Live scheduled web meetings during published course times

### REMOTE BLENDED (RB)

- Live scheduled web & on-campus meetings during published dates and times

### FACE TO FACE (F2F)

- Meetings are on-campus during published course times
SANTA ANA COLLEGE – FALL 2021

PHILOSOPHY (PHIL) 3.0 UNITS

PHIL 106 – INTRODUCTION TO PHILOSOPHY
A survey of historical and contemporary ideas on how to live the good life.

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Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

PHIL 106H – HONORS INTRODUCTION TO PHILOSOPHY 3.0 UNITS
An enriched approach designed for honors students. A survey of historical and contemporary ideas on how to live the good life.

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Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

PHIL 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.

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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

PHIL 110 – CRITICAL THINKING 4.0 UNITS
College-level critical thinking and writing. Promotes self-awareness, independent thinking, and improved academic expression. Examines philosophical methods of reasoning and composition, and the uses of informal logic and criticism in personal life, college, work, and democratic society.

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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Day</th>
<th>Instructor</th>
<th>Mode</th>
<th>Location</th>
<th>Status</th>
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<tr>
<td>97992</td>
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<td>Fish Z</td>
<td>RL</td>
<td>H-210</td>
<td>Full Semester</td>
</tr>
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</table>

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Instructor</th>
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<th>Status</th>
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<td>RL</td>
<td>H-210</td>
<td>Full Semester</td>
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</tbody>
</table>

This class will be conducted through remote live (RL) instruction. Students are expected to log onto Canvas for online live streaming sessions during the same time and days indicated in the class schedule. Students are required to logon to Canvas on the first day of class. rsccd.instructure.com

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ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
- OER
- ZTC
- HONORS
<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Type</th>
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<td>This class will be conducted through remote live (RL) instruction. Students are expected to log onto Canvas for online live streaming sessions during the same time and days indicated in the class schedule. Students are required to logon to Canvas on the first day of class. rsccd.instructure.com</td>
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<tr>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
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<td>03977</td>
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<td>Rodriguez A</td>
<td>D-209</td>
<td>Full Semester</td>
</tr>
<tr>
<td>97990</td>
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<td>Redoutey M</td>
<td>RL</td>
<td>Full Semester</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<td>PHIL 111</td>
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<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>
</tr>
<tr>
<td>97997</td>
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<td>Brocatto C</td>
<td>ONLINE</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.</td>
</tr>
<tr>
<td>PHIL 112</td>
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<td>3.0 UNITS</td>
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<tr>
<td></td>
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<td></td>
<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 Primitive, Hinduism, Jainism, Buddhism, Taoism, Confucianism, Judaism, Christianity and Islam.</td>
</tr>
<tr>
<td>97997</td>
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<td>Brocatto C</td>
<td>ONLINE</td>
<td>Full Semester</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.</td>
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<td>PHOT 009</td>
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<td></td>
<td>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.</td>
</tr>
<tr>
<td>01758</td>
<td>11:00a-12:25p</td>
<td>M</td>
<td>Schlossman J</td>
<td>A-217</td>
<td>Full Semester</td>
</tr>
<tr>
<td>01759</td>
<td>11:00a-12:25p</td>
<td>M</td>
<td>Staff</td>
<td>A-219</td>
<td>Full Semester</td>
</tr>
<tr>
<td>PHOT 150</td>
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<td></td>
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<td></td>
<td>3.0 UNITS</td>
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<tr>
<td></td>
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<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>01760</td>
<td>6:10p-9:20p</td>
<td>W</td>
<td>Marquez P</td>
<td>C-202</td>
<td>Full Semester</td>
</tr>
<tr>
<td>01761</td>
<td></td>
<td></td>
<td>Marquez P</td>
<td>ONLINE</td>
<td>08/23-10/15</td>
</tr>
<tr>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
</tr>
<tr>
<td>PHOT 180</td>
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<td>3.0 UNITS</td>
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<td></td>
<td>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.</td>
</tr>
<tr>
<td>03839</td>
<td>9:00a-11:05a</td>
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<td>Staff</td>
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</tr>
<tr>
<td>01763</td>
<td>1:30p-2:20p</td>
<td>Tu Th</td>
<td>Schlossman J</td>
<td>A-219</td>
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<td></td>
<td>2:30p-3:55p</td>
<td>Tu Th</td>
<td>Schlossman J</td>
<td>A-219</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

**PHOTOGRAPHY (PHOT)**

- **PHOT 009 – PHOTOGRAPHY LAB**
  - 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.
  - Open Entry / Open Exit
  - Material Fee(s): $15.00

- **PHOT 150 – HISTORY OF PHOTOGRAPHY**
  - 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.
  - Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

- **PHOT 180 – BEGINNING PHOTOGRAPHY**
  - 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

---

**Online (O)** Time-flexible online lecture and materials with no scheduled meeting times

**Hybrid (H)** Combination of online and live scheduled web or on-campus meetings

**Remote Live (RL)** Live scheduled web meetings during published course times

**Remote Blended (RB)** Live scheduled web & on-campus meetings during published dates and times

**Face to Face (F2F)** Meetings are on-campus during published course times

**Low cost or free textbooks:**

- OER
- ZTC
- HONORS
<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
<th>Notes</th>
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<tbody>
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<td>01762</td>
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<td>7:15p-10:20p</td>
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<td>Zumpfe K</td>
<td>A-219</td>
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</tbody>
</table>

Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

**PHOT 191 – COMMERCIAL STUDIO PRACTICES** 3.0 UNITS
Instruction in specialized technical alternatives utilized in commercial studio photography. Emphasis will be on professional image-making with digital cameras, using scanning, digital printing, and commercial lighting techniques. Prerequisite: Photography 180 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
<th>Notes</th>
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<td>Full Semester</td>
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<td></td>
<td>6:00p-7:25p</td>
<td>Tu Th</td>
<td>Schlossman J</td>
<td>A-219</td>
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</table>

**PHOT 291 – WEDDING AND QUINCEA±ERA PHOTOGRAPHY** 3.0 UNITS
Instruction in fundamental concepts, equipment demands, and photographic techniques used by contemporary wedding/quinceañera photographers. Prerequisite: Photography 180 with a minimum grade of C.

<table>
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<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
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<td>M W</td>
<td>Schlossman J</td>
<td>A-219</td>
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**PHYSICAL SCIENCE (PSC)**

**PSC 115 – CONCEPTS IN PHYSICAL SCIENCES FOR EDUCATORS** 4.0 UNITS
An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. Designed for non-science majors, concepts are introduced in lab through inquiry and further developed during discussion. Completion of Math N48 is recommended (Same as Chemistry 115).

<table>
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<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
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<td></td>
<td>7:00a-10:10a</td>
<td>W</td>
<td>Pratt C</td>
<td>R-302</td>
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</table>

This class will meet on campus.

**PHYSICS (PHYS)**

**PHYS 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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
<th>Notes</th>
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<td>Natale A</td>
<td>RL</td>
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</table>

Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

<table>
<thead>
<tr>
<th>Code</th>
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<th>Days</th>
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<td></td>
<td>8:35a-11:45a</td>
<td>Sa</td>
<td>Gramada A</td>
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</tbody>
</table>

Section 00618 Available for OTA Degree Pathway Students. Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

**PHYS 210 – PRINCIPLES OF PHYSICS I** 4.0 UNITS
A calculus-based physics course designed for students majoring in the life sciences, pre-medicine, and related disciplines. Topics include classical mechanics, wave motion, and thermodynamics. Prerequisite: Mathematics 180/180H with a minimum grade of C.

<table>
<thead>
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<th>Code</th>
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<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
<th>Notes</th>
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<td>3:20p-6:30p</td>
<td>M</td>
<td>Natale A</td>
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<td>Natale A</td>
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Low cost or free textbooks:
- **OER**
- **ZTC**
- **HONORS**
SANTA ANA COLLEGE – FALL 2021

PHYS 217 – ENGINEERING PHYSICS I
4.0 UNITS
Principles of classical mechanics including particle dynamics, forces, work, energy, momentum, rotational motion, equilibrium, harmonic motion, and gravity. This course is designed for students majoring in physical sciences and engineering.
Prerequisite: Mathematics 180/180H with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
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<th>Delivery</th>
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<td>Chakhad M</td>
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<tr>
<td></td>
<td>3:20p-6:30p</td>
<td>Tu</td>
<td>Chakhad M</td>
<td>RL</td>
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</tbody>
</table>

PHYS 227 – ENGINEERING PHYSICS II
4.0 UNITS
Introduces the basic principles of electricity and magnetism. The main topics are electrostatics, circuits, magnetism, electro-magnetic induction, and Maxwell's equations. This course is designed for students majoring in physical sciences and engineering.
Prerequisite: Physics 217 and Mathematics 185 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery</th>
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<td>Chakhad M</td>
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PHYS 279 – COLLEGE PHYSICS I
4.0 UNITS
A trigonometry-based physics course. Topics include: mechanics, thermodynamics, fluids, oscillatory motion, and sound.
Prerequisite: Mathematics 160 with a minimum grade of C.

<table>
<thead>
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<th>Course Code</th>
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<th>Days</th>
<th>Instructor</th>
<th>Delivery</th>
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<tbody>
<tr>
<td>R 00619</td>
<td>8:35a-11:45a</td>
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<td>Gramada A</td>
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<td>Remote Live. Students attend live-streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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POLITICAL SCIENCE (POLT)

POLT 101 – AMERICAN GOVERNMENT AND POLITICS
3.0 UNITS
Study of United States national government and California state and local governments. Satisfies graduation requirement for American institutions and state requirements for California state government.

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<tr>
<th>Course Code</th>
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<th>Delivery</th>
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<tr>
<td>R 97785</td>
<td>8:35a-10:00a</td>
<td>Tu Th</td>
<td>Murphy T</td>
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Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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<tr>
<td>R 97821</td>
<td>9:00a-12:10p</td>
<td>Sa</td>
<td>Petri M</td>
<td>D-101</td>
<td>Full Semester</td>
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<tr>
<td>R 97864</td>
<td>10:15a-11:40a</td>
<td>M W</td>
<td>Petri M</td>
<td>RL</td>
<td>Full Semester</td>
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<tr>
<td>R 97860</td>
<td>11:50a-1:15p</td>
<td>M W</td>
<td>Petri M</td>
<td>RL</td>
<td>Full Semester</td>
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<th>Delivery</th>
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<tr>
<td>R 97812</td>
<td>11:55a-1:20p</td>
<td>Tu Th</td>
<td>Murphy T</td>
<td>RL</td>
<td>Full Semester</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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</tbody>
</table>

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
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<tr>
<th>Course Code</th>
<th>Days and Times</th>
<th>Instructor</th>
<th>Delivery Method</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>R 97828</td>
<td>11:55a-1:20p M W</td>
<td>Murphy T</td>
<td>RL Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>R 97854</td>
<td>6:30p-9:40p M</td>
<td>Becker C</td>
<td>RL Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>97855</td>
<td>6:30p-9:40p Tu</td>
<td>Becker C</td>
<td>D-106 Full Semester</td>
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</tr>
<tr>
<td>97858</td>
<td>6:30p-9:40p Th</td>
<td>Becker C</td>
<td>RL Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>H 97777</td>
<td>5:00p-6:25p Tu</td>
<td>Murphy T</td>
<td>HYBRID Full Semester</td>
<td>Hybrid instruction. A combination of online and live streaming instruction during the days and times indicated. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>H 97784</td>
<td>5:00p-6:25p Tu</td>
<td>Staff CANVAS</td>
<td>ONLINE Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
</tr>
<tr>
<td>R 97865</td>
<td>8:35a-10:00a M W</td>
<td>Andrade P</td>
<td>ONLINE Full Semester</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
</tr>
<tr>
<td>R 97914</td>
<td>7:05a-8:30a M W</td>
<td>Pedroza J</td>
<td>D-101 Full Semester</td>
<td>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 for this ZTC class.</td>
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</table>

POLT 200 – AMERICAN POLITICAL THOUGHT 3.0 UNITS
Examination of various theoretical approaches to politics within the American political context. Analysis of selected political theories and their application to American politics.

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<tr>
<th>Course Code</th>
<th>Days and Times</th>
<th>Instructor</th>
<th>Delivery Method</th>
<th>Semester</th>
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<tbody>
<tr>
<td>R 97866</td>
<td>10:15a-11:40a Tu Th</td>
<td>Andrade P</td>
<td>D-101 Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>

PSYC 100 – INTRODUCTION TO PSYCHOLOGY 3.0 UNITS
An introduction to the major theories, methods, concepts, ethical issues, and findings in the major fields in psychology including (but not limited to): biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

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<tr>
<th>Course Code</th>
<th>Days and Times</th>
<th>Instructor</th>
<th>Delivery Method</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>R 97868</td>
<td>8:35a-10:00a M W</td>
<td>Murphy T</td>
<td>RL Full Semester</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>

<p>| ONLINE (O) | Time-flexible online lecture and materials with no scheduled meeting times |
| HYBRID (H) | Combination of online and live scheduled web or on-campus meetings |
| REMOTE LIVE (RL) | Live scheduled web meetings during published course times |
| REMOTE BLENDED (RB) | Live scheduled web &amp; on-campus meetings during published dates and times |
| FACE TO FACE (F2F) | Meetings are on-campus during published course times |</p>
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<tr>
<th>CRN</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Building</th>
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<tr>
<td>97915</td>
<td>7:05a-8:30a</td>
<td>Tu Th</td>
<td>Pedroza J</td>
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<tr>
<td>97916</td>
<td>9:35a-11:00a</td>
<td>M W</td>
<td>Pedroza J</td>
<td>D-401</td>
<td></td>
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<tr>
<td>97918</td>
<td>11:10a-12:35p</td>
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<td>Pedroza J</td>
<td>D-105</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td>97919</td>
<td>11:10a-12:35p</td>
<td>Tu Th</td>
<td>Pedroza J</td>
<td>D-105</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td>98322</td>
<td>3:00p-4:25p</td>
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<td>Staff</td>
<td>RL</td>
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<td>Full Semester</td>
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<tr>
<td>98616</td>
<td>3:30p-4:55p</td>
<td>Tu Th</td>
<td>Staff</td>
<td>RL</td>
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<td>Full Semester</td>
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<td>97920</td>
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<td>Full Semester</td>
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<td>97921</td>
<td>Online instruction</td>
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<td>97922</td>
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<td>97923</td>
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<td>97925</td>
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<td>Full Semester</td>
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<tr>
<td>97928</td>
<td>Online Degree Pathway course</td>
<td></td>
<td>Castillo R</td>
<td>ONLINE</td>
<td>08/23-10/17</td>
<td>Full Semester</td>
</tr>
</tbody>
</table>

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 for this ZTC class.

Remote Live. This class is designed for CENTURY HS DUAL ENROLLMENT students. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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Online Degree Pathway course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

**Class formats:**
- **ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times
- **HYBRID (H)** Combination of online and live scheduled web or on-campus meetings
- **REMOTE LIVE (RL)** Live scheduled web meetings during published course times
- **REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times
- **FACE TO FACE (F2F)** Meetings are on-campus during published course times

**Resources:**
- Low cost or free textbooks: OER
- ZTC
- HONORS
also be given to both normative and non-normative development. Personality, and social development are examined from classical and contemporary perspectives. Attention will be paid through death, including biological and environmental influences. Theories and research of physical, cognitive, 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.

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

PSYC 140 – INTRODUCTION TO PSYCHOLOGY OF ADULTHOOD AND AGING 3.0 UNITS
Seminar-style, content enriched course for honors students exploring 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.

PSYC 100H – HONORS INTRODUCTION TO PSYCHOLOGY 3.0 UNITS

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

PSYC 140 – INTRODUCTION TO PSYCHOLOGY OF ADULTHOOD AND AGING 3.0 UNITS
Examine human development from a psychological perspective. Explores human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, and social development are examined from classical and contemporary perspectives. Attention will also be given to both normative and non-normative development.

PSYC 160 – INTRODUCTION TO LIFESPAN PSYCHOLOGY 3.0 UNITS
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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 for this ZTC class.

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Low cost or free textbooks: OER ZTC HONORS
PSYC 170 – MULTICULTURAL PSYCHOLOGY 3.0 UNITS
Introduces students to important issues related to cultural diversity in the field of psychology. Major areas of psychology will be explored from a multicultural perspective, including research, mental health, social psychology, and identity development. Exploration of historically underrepresented populations in the U.S. will be emphasized.

Prerequisite: Mathematics 219 or Psychology 210 (may be taken concurrently) and Psychology 100 with a minimum grade of C. Online course. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

PSYC 200 – INTRODUCTION TO BIOLOGICAL PSYCHOLOGY 3.0 UNITS
Explores relationships between physiological structures of the body and human behavior. Focuses on the organization and function of the brain, spinal cord, peripheral nervous system, glands, sensory and perceptual systems. Relates physiological functioning to motivated behavior, addiction, and psychological disorders.

PSYC 210 – STATISTICS FOR THE BEHAVIORAL SCIENCES 4.0 UNITS
Introduces psychology and behavioral science majors to descriptive and inferential statistical methods. Knowledge of these methods is essential to the understanding, interpretation, and performance of scientific research. Topics covered include probability theory, hypothesis testing, correlation, analysis of variance, the graphical representation of data, basic research design, and the use of computer software to perform statistical analyses. Prerequisite: Mathematics 083 or Mathematics 084 with a minimum grade of C; OR placement into Psychology Level 3 placement Exam and a course equivalent to Mathematics 083 or Mathematics 084.

PSYC 219 – INTRODUCTION TO RESEARCH METHODS IN PSYCHOLOGY 3.0 UNITS
Emphasizes methods of study in psychology, experimental design, analysis of variables contributing to experimental results, and data treatment. Prerequisite: Mathematics 219 or Psychology 210 (may be taken concurrently) and Psychology 100 with a minimum grade of C.
PSYC 230 – PSYCHOLOGY AND EFFECTIVE BEHAVIOR 3.0 UNITS
Introduction to psychoanalytic, behavioristic, cognitive, humanistic and existential theories of personality as they relate to dealing effectively with the changing demands of everyday life. Covers personal growth, self-concept, stress and coping, personal goals and motivation, and interpersonal relationships in relation to culture, gender, ethnicity, historical cohort, and socio-economic status. Includes exercises for increasing self-awareness, identifying personal goals, and for building skills for effective living and well-being.

98600  Castillo R ONLINE 10/18-12/12
Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

PSYC 250 – INTRODUCTION TO ABNORMAL PSYCHOLOGY 3.0 UNITS
Introduction to the commonly diagnosed psychological disorders. Includes psychophysiological disorders, anxiety, depression, substance abuse, sexual dysfunctions, schizophrenia, developmental, cognitive, and personality disorders. Emphasis is on identification, symptomatology, etiology, and methods of therapeutic intervention. Prerequisite: Psychology 100/100H with a minimum grade of C.

97962 9:35a-11:00a Tu Th  Pedroza J D-401 Full Semester
97961   Castillo R ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

READING (READ) 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.

READ 101 – INTRODUCTION TO ACADEMIC READING
99878 11:45a-1:10p Tu Th  Colunga M RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

99885  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

99889  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

99891  Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

READ 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.

99892  Colunga M ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

READ 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.

97873  Gilreath G ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Delivery</th>
<th>Units</th>
<th>Description</th>
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<td>10/18-12/12</td>
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**SOCIETY (S)**

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<td>Campbell A</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Torres S</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>6:30p-9:40p</td>
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<td>O'Dell R</td>
<td>RL</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
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<td>00276</td>
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<td>Ramirez C</td>
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<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. This is a Dual Enrollment class for Godinez High School (GHS) students only.</td>
</tr>
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<td>ONLINE</td>
<td>08/23-10/17</td>
<td>Cicchelli G</td>
<td>ONLINE</td>
<td>0</td>
<td>Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<td>Ramirez C</td>
<td>ONLINE</td>
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<td>Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
</tr>
</tbody>
</table>

**O (Online)** Time-flexible online lecture and materials with no scheduled meeting times

**H (Hybrid)** Combination of online and live scheduled web or on-campus meetings

**R (Remote Live)** Live scheduled web meetings during published course times

**B (Remote Blended)** Live scheduled web & on-campus meetings during published dates and times

**F2F (Face to Face)** Meetings are on-campus during published course times

**OER** Low cost or free textbooks

**ZTC**
SPAN 101 – ELEMENTARY SPANISH I 5.0 UNITS
Practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading, and writing techniques for the expression of ideas orally and in writing. Introduction to Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 101 is equivalent to two years of high school Spanish.

SOC 112 – RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS 3.0 UNITS
In-depth examination of the process of developing intimate relationships leading to committed partnerships and marriages with emphasis on effective communication techniques, understanding relationship dynamics, parenting, diverse family systems and overcoming family stressors at each life stage.

SOC 140 – SOCIAL PROBLEMS 3.0 UNITS
An extensive survey of contemporary social trends and problems through sociological analysis concentrating on their causes, complexities, consequences, and possible solutions. Special emphasis will be placed on the problems in the U.S., with consideration of the global perspective.

SPANISH (SPAN) 5.0 UNITS
Meetings are on-campus during published course times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

99043  O’Dell R  ONLINE  Full Semester  
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

99044  Cicchelli G  ONLINE  Full Semester  
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

99108  Cicchelli G  ONLINE  Full Semester  
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

SOC 112 – RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS 3.0 UNITS
In-depth examination of the process of developing intimate relationships leading to committed partnerships and marriages with emphasis on effective communication techniques, understanding relationship dynamics, parenting, diverse family systems and overcoming family stressors at each life stage.

SOC 140 – SOCIAL PROBLEMS 3.0 UNITS
An extensive survey of contemporary social trends and problems through sociological analysis concentrating on their causes, complexities, consequences, and possible solutions. Special emphasis will be placed on the problems in the U.S., with consideration of the global perspective.

SPANISH (SPAN) 5.0 UNITS
Meetings are on-campus during published course times. Students are required to log in to Canvas by the first day of class for detailed information and required course work.

99143  Campbell A  RL  Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

99141  Campbell A  RL  Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

99145  O’Dell R  ONLINE  Full Semester  
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

99151  Campbell A  RL  Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

99147  Campbell A  RL  Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

98524  Valle M  RL  Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

98515  Fuentes Sanchez A  D-302  Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

98517  Valle M  RL  Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

98514  Palacios R  RL  Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

98516  Fuentes Sanchez A  D-302  Full Semester  
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

Meetings are on-campus during published course times. There will be no instruction on-campus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

Low cost or free textbooks:
- OER
- ZTC
- HONORS
<table>
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<th>Time</th>
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<th>Enrollment Type</th>
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**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

*Low cost or free textbooks:*

- **OER**
- **ZTC**
- **HONORS**
### SPAN 101H – HONORS ELEMENTARY SPANISH I
5.0 UNITS
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.

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Hybrid Instruction. A combination of online instruction and 5 mandatory live streaming meetings on Canvas on Mondays, 8/23, 9/13, 10/11, 11/15, and 12/6 from 1:20-3:50 p.m. Class will use text "Puntos de partida" with electronic code for online lab materials. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.

### SPAN 102 – ELEMENTARY SPANISH II
5.0 UNITS
A college-level Spanish class focusing on further training in language skills providing avenues for the expression of ideas orally and in writing. Additional study of Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 102 is equivalent to the third year of high school Spanish.

Prerequisite: Spanish 101 or Spanish 101H with a minimum grade of C or two years of high school Spanish with a passing grade. All Cal State and UC universities Spanish programs require a minimum grade of C in Spanish 101 or two years in high school with a passing grade.

<table>
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<td>rsccd.instructure.com</td>
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Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. There will be no instruction on-campus.

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Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. There will be no instruction on-campus.

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<th>Course Code</th>
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Online instruction. No on-campus meetings. This class requires the text "Puntos de partida" with electronic code for online lab materials. Students are required to logon to Canvas on the first day of class. rsccd.instructure.com.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Instructor</th>
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Hybrid Instruction. A combination of online instruction and 5 mandatory live streaming meetings on Canvas on Fridays, 8/27, 9/24, 10/22, 11/19, and 12/10 from 4:15-6:45 p.m. Class will use text "Puntos de partida" with electronic code for online lab materials. Students log in to rsccd.instructure.com. There will be no instruction on-campus.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Instructor</th>
<th>Schedule</th>
<th>Type</th>
<th>Duration</th>
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<tr>
<td>98533</td>
<td>Quintero E</td>
<td>ONLINE</td>
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<td>Full Semester</td>
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Section 98533 has been specifically designed for SPANISH NATIVE SPEAKERS. Online Instruction. No on-campus meetings. This class requires the text "Portales 2" with electronic code for online lab materials. Students are required to logon to Canvas on the first day of class. rsccd.instructure.com.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Description</th>
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<tr>
<td>98637</td>
<td>HYBRID</td>
<td>Hybrid Instruction. A combination of online instruction and 5 mandatory live streaming meetings on Canvas on Wednesdays, 8/25, 9/15, 10/15, 11/17, and 12/8 from 4:15-6:45 p.m. This section is a Dual enrollment course at Godinez High School (GHS) and requires the text &quot;Puntos de partida&quot; with electronic code for online lab materials. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98385</td>
<td>HYBRID</td>
<td>Hybrid Instruction. A combination of online instruction and 5 mandatory live streaming meetings on Canvas on Fridays, 8/27, 9/24, 10/22, 11/19, and 12/10 from 4:15-6:45 p.m. Class will use text &quot;Puntos de partida&quot; with electronic code for online lab materials. Students log in to Canvas rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98535</td>
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<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>98536</td>
<td>RL</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>00665</td>
<td>RL</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
<tr>
<td>00666</td>
<td>RL</td>
<td>Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.</td>
</tr>
</tbody>
</table>

**SPAN 102H – HONORS ELEMENTARY SPANISH II 5.0 UNITS**
Further enhanced and intensive training in language skills for the expression of ideas orally and in writing. Additional enriched study of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 102H is equivalent to the third year of high school Spanish. Prerequisite: Spanish 101 or Spanish 101H with a minimum grade of C or two years of high school Spanish with a passing grade, and a high school or college GPA of 3.0 or above. All Cal State and UC universities have the same prerequisites for Spanish 102H.

**SPAN 201 – INTERMEDIATE SPANISH I 5.0 UNITS**
A college level Spanish class focusing on expansive review of usage and grammar, discussions of interpretive readings, conversation, and composition. Prerequisite: Spanish 102 or 102H or three years of high school Spanish with a grade of C. These prerequisites are also required in Cal State and UC Spanish universities.

**SPEECH-LANGUAGE PATHOLOGY ASST (SLPA)**

**SLPA 118 – INTRODUCTION TO SPEECH-LANGUAGE PATHOLOGY ASSISTING 1.0 UNIT**
Overview of the field of speech-language pathology, professional standards, legal and ethical issues, and scope of responsibilities of the speech-language pathologist and the speech-language pathology assistant in health care and educational settings.

**SLPA 119 – SPEECH-LANGUAGE AND HEARING DEVELOPMENT ACROSS THE LIFE SPAN 3.0 UNITS**
Study of normal speech, hearing, and language development across the life span. Topics will include differentiation of normal from disordered communication and communication development in bilingual populations.
SLPA 160 – INTRODUCTION TO COMMUNICATIVE DISORDERS AND TREATMENT 3.0 UNITS
An overview of communication disorders, including classification, assessment and remediation of speech, language, swallowing, and hearing disorders in children and adults. Role of speech-language pathologist and audiologist in educational and medical settings.

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

SLPA 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.

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

SLPA 180 – SPEECH-LANGUAGE PATHOLOGY SCREENING PROCESSES AND INTERVENTION PROCEDURES 3.0 UNITS
Screening tools, processes, and intervention procedures used for clients with communication disorders. Administration of screening tests and completion of protocols. Equipment utilized in therapeutic treatment.
Prerequisite: Speech-Language Pathology Assistant 120 and Speech-Language Pathology Assistant 150 and Speech-Language Pathology Assistant 160 with a minimum grade of C.

Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

SLPA 190 – SPEECH-LANGUAGE PATHOLOGY ASSISTANT CLINICAL FIELD WORK I 2.0 UNITS
Beginning application of supervised clinical practice procedures as required of a speech-language pathology assistant in an educational or clinical 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 semester prior to enrollment; current negative TB clearance; current CPR and First Aid Certification; fingerprinting and background check may be required and concurrent enrollment in Speech-Language Pathology Assistant 190 is required.

Remote Live. Students attend live streamed meetings on Canvas on Monday, 08/23, 09/20, 10/25, 12/06, 4:00p-4:50p. Section 01919 has 96 hours arranged per semester. The instructor will provide details on other work assignments and assessment to be completed remotely. Students are required to logon to Canvas on the first day of classes. rsccd.instructure.com. There will be no instruction on-campus.

SLPA 250 – SPEECH-LANGUAGE PATHOLOGY ASSISTANT CLINICAL FIELDWORK II 2.0 UNITS
Advanced application of clinical practice procedures in a clinical or educational setting by the speech-language pathology assistant under the supervision of a speech-language pathologist.
Prerequisite: Speech-Language Pathology Assistant 180 and Speech-Language Pathology Assistant 190 with a minimum grade of C and Application to Department Coordinator required semester prior to enrollment; current negative TB clearance; current CPR and First Aid Certification; fingerprinting and background check may be required.

Remote Live. Students attend live streamed meetings on Canvas on Wednesday 08/25, 09/22, 10/27, 12/08, 4:00p-4:50p. Section 01920 has 96 hours arranged per semester. The instructor will provide details on other work assignments and assessment to be completed remotely. Students are required to logon to Canvas on the first day of classes. rsccd.instructure.com. There will be no instruction on-campus.
### STUDY SKILLS (STDY)

**STDY 101 – COLLEGE STUDY SKILLS**

A course designed to teach effective college study skills while also helping students create positive academic and lifelong learning habits. Topics include time management, exam preparation, lecture notetaking, memorization, test taking strategies, stress management, and exam preparation.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>03312</td>
<td>3:30p-4:20p</td>
<td>W</td>
<td>Staff</td>
<td>MSA</td>
<td>Full Semester</td>
<td>08/23-10/17</td>
<td>12/12</td>
</tr>
</tbody>
</table>

Dual-Enrollment: Magnolia Science Academy

Online Degree Pathway Course. Registration open to all students. Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

### STDY 109 – COLLEGE LEARNING SKILLS

This course provides effective success strategies to enhance student self-development, academic, and lifelong learning skills for the college student. The techniques include values, goal-setting, dealing with money, stress management, diversity, motivation, health, and time-management. Students learn personal growth methods and develop strategies to effectively deal with issues to ensure personal, educational, and career success.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
<th>Start</th>
<th>End</th>
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<tr>
<td>02966</td>
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<td>M W</td>
<td>Sanchez-Gutierrez G</td>
<td>SAM</td>
<td>Full Semester</td>
<td>10/18-12/12</td>
<td></td>
</tr>
</tbody>
</table>

Dual-Enrollment: Samueli Academy

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
<th>Start</th>
<th>End</th>
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</thead>
<tbody>
<tr>
<td>03308</td>
<td>1:00p-2:25p</td>
<td>M W</td>
<td>Staff</td>
<td>SAM</td>
<td>Full Semester</td>
<td>10/18-12/12</td>
<td></td>
</tr>
</tbody>
</table>

Dual-Enrollment: Samueli Academy

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

### THEATRE ARTS (THEA)

**THEA 100 – INTRODUCTION TO THEATRE**

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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Type</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>01463</td>
<td>10:20a-11:45a</td>
<td>Tu Th</td>
<td>Cannon C</td>
<td>P-105</td>
<td>Full Semester</td>
<td>08/23-10/17</td>
<td></td>
</tr>
</tbody>
</table>

Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

---

**ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times

**HYBRID (H)** Combination of online and live scheduled web or on-campus meetings

**REMOTE LIVE (RL)** Live scheduled web meetings during published course times

**REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times

**FACE TO FACE (F2F)** Meetings are on-campus during published course times

Low cost or free textbooks:

- OER
- ZTC
- HONORS
### THEA 105 – THEATRE HISTORY 1
The study of the history of theatre from the origins of theatre through the 17th Century. The history and development of theatre and drama are studied in relationship to cultural, political and social conditions of the time. Plays are read for analysis of structure, plot, character and historical relevance.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Units</th>
<th>Type</th>
<th>Seats</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>01465</td>
<td>11:55a-1:20p</td>
<td>M W</td>
<td>Cannon C</td>
<td>P-105</td>
<td>Full Semester</td>
<td>ONLINE</td>
<td>OER</td>
<td>Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
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<tr>
<td>01467</td>
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<td>Cannon C</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>ONLINE</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.</td>
</tr>
</tbody>
</table>

### THEA 110 – ACTING FUNDAMENTALS
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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Units</th>
<th>Type</th>
<th>Seats</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>01469</td>
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<td>Cannon C</td>
<td>ONLINE</td>
<td>Full Semester</td>
<td>ONLINE</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
</tr>
</tbody>
</table>

### THEA 111 – INTERMEDIATE ACTING
Further study in the art of acting for the stage, investigating in-depth character study, role portrayal, special problems, and personal technique. Acting skills developed through use of exercises, monologues, and scenes from contemporary theatre.

**Prerequisite:** Theatre Arts 110 with a minimum grade of C.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Units</th>
<th>Type</th>
<th>Seats</th>
<th>Notes</th>
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<tbody>
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<td>01471</td>
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<td>Cannon C</td>
<td>P-105</td>
<td>Full Semester</td>
<td>P-105</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
</tr>
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<td>01477</td>
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<td>Tu Th</td>
<td>Cannon C</td>
<td>P-105</td>
<td>Full Semester</td>
<td>P-105</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
</tr>
</tbody>
</table>

### THEA 118 – FUNDAMENTALS OF SCENE STUDY
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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Units</th>
<th>Type</th>
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<td>01481</td>
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<td>M W</td>
<td>Chamberlain A</td>
<td>P-105</td>
<td>Full Semester</td>
<td>P-105</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
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<tr>
<td>01488</td>
<td>10:20a-11:45a</td>
<td>M W</td>
<td>Chamberlain A</td>
<td>P-105</td>
<td>Full Semester</td>
<td>P-105</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
</tr>
</tbody>
</table>

### THEA 123 – INTRODUCTION TO DRAMA AND ACTING
An introduction to acting and dramatic literature that includes analysis of plays, dramatic structure, and performance criticism. This course explores the history and development of acting styles and methodologies specific to the major historical periods of drama in which they were created. Intended to enhance imagination and creativity and emphasize intellectual growth through the exploration of the cultural significance of drama and performance.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Units</th>
<th>Type</th>
<th>Seats</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>01497</td>
<td>10:20a-11:45a</td>
<td>M W</td>
<td>Chamberlain A</td>
<td>P-105</td>
<td>Full Semester</td>
<td>P-105</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
</tr>
<tr>
<td>01498</td>
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<td>Mittler W</td>
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<td>P-100</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
</tr>
</tbody>
</table>

### THEA 130 – LIGHTING DESIGN
An overview of the basic techniques of lighting design for entertainment. Emphasis is placed on the design process, technical and artistic choices, and the development of the practical skills required of an entertainment lighting designer.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
<th>Units</th>
<th>Type</th>
<th>Seats</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>01500</td>
<td>8:35a-10:00a</td>
<td>M W</td>
<td>Turner S</td>
<td>P-100</td>
<td>Full Semester</td>
<td>P-100</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
</tr>
<tr>
<td>10:00a-10:30a</td>
<td>M W</td>
<td>Turner S</td>
<td>P-100</td>
<td>Full Semester</td>
<td>P-100</td>
<td>ONLINE</td>
<td>Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com</td>
<td></td>
</tr>
</tbody>
</table>

## Course Descriptions

### ONLINE (O)
Time-flexible online lecture and materials with no scheduled meeting times

### HYBRID (H)
Combination of online and live scheduled web or on-campus meetings

### REMOTE LIVE (RL)
Live scheduled web meetings during published course times

### REMOTE BLENDED (RB)
Live scheduled web & on-campus meetings during published dates and times

### FACE TO FACE (F2F)
Meetings are on-campus during published course times

## Textbooks
- **OER**: Low cost or free textbooks
- **ZTC**: OER
- **HONORS**: ZTC
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 136</td>
<td>FUNDAMENTALS OF COSTUME DESIGN</td>
<td>3.0</td>
<td>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.</td>
</tr>
<tr>
<td>01503</td>
<td>8:35a-10:00a Tu Th Ho J T-201</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td>01503</td>
<td>10:00a-10:30a Tu Th Ho J T-201</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 150A</td>
<td>REHEARSAL AND PERFORMANCE IN PRODUCTION</td>
<td>2.0</td>
<td>Practical experience in performance production culminating in a series of public performances. All actors must audition and be cast prior to enrolling.</td>
</tr>
<tr>
<td>01509</td>
<td>8:35a-10:00a Tu Th Ho J T-201</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td>THEA 150B</td>
<td>TECHNICAL THEATRE IN PRODUCTION</td>
<td>2.0</td>
<td>Students will gain practical experience in the application of production responsibilities in any of the following: stage management, scenery construction, properties, costuming, lighting, or sound. This course culminates into a series of public performances. All student technicians must obtain instructor approval prior to enrolling.</td>
</tr>
<tr>
<td>01510</td>
<td>Mittler W P-100 09/13-11/21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 151</td>
<td>SHOWCASE I</td>
<td>3.0</td>
<td>An introduction to theatre performance emphasizing acting technique, theatre vocabulary, and creative individual expression. Students learn the process of presenting a role on stage. Prepares the student for Showcase II.</td>
</tr>
<tr>
<td>03674</td>
<td>2:15p-3:05p M W Staff OCSA</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td>03674</td>
<td>3:15p-4:40p M W Staff OCSA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 153</td>
<td>INTRODUCTION TO DIRECTING</td>
<td>2.0</td>
<td>The study and application of directing theory, process, and technique which will culminate in a student-directed project production for public performance. Included are the fundamentals of script analysis, designer collaboration, character development, staging, actor coaching, and presenting.</td>
</tr>
<tr>
<td>01484</td>
<td>4:45p-5:15p M W Chamberlain A P-105</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td>01484</td>
<td>3:20p-4:45p M W Chamberlain A P-105</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 159</td>
<td>COOPERATIVE WORK EXPERIENCE- ENTERTAINMENT</td>
<td>1.0 - 4.0</td>
<td>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 entertainment industry 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.</td>
</tr>
<tr>
<td>01513</td>
<td>Kraemer B Full Semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 171</td>
<td>SHOWCASE II</td>
<td>3.0</td>
<td>Continued study in theatre performance emphasizing acting technique, theatre vocabulary, and creative individual expression. Students perfect the process of presenting a role on stage. Prerequisite: Theatre Arts 151 with a minimum grade of C.</td>
</tr>
<tr>
<td>03675</td>
<td>2:15p-3:05p M W Staff OCSA</td>
<td></td>
<td>Full Semester</td>
</tr>
<tr>
<td>03675</td>
<td>3:15p-4:40p M W Staff OCSA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 250</td>
<td>ADVANCED THEATRE PRODUCTION</td>
<td>2.0</td>
<td>Practical experience performing an advanced level role in a series of public performances. Prerequisite: Theatre Arts 150A with a minimum grade of C.</td>
</tr>
<tr>
<td>01512</td>
<td>Staff P-100 09/13-11/21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 255</td>
<td>MOTION PICTURE PERFORMANCE PRODUCTION</td>
<td>3.0</td>
<td>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.</td>
</tr>
<tr>
<td>01514</td>
<td>Cannon C P-105 Full Semester</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

- **ONLINE (O)** Time-flexible online lecture and materials with no scheduled meeting times
- **HYBRID (H)** Combination of online and live scheduled web or on-campus meetings
- **REMOTE LIVE (RL)** Live scheduled web meetings during published course times
- **REMOTE BLENDED (RB)** Live scheduled web & on-campus meetings during published dates and times
- **FACE TO FACE (F2F)** Meetings are on-campus during published course times
- **Low cost or free textbooks:**
  - **OER**
  - **ZTC**
  - **HONORS**
THEA 256 – INTERMEDIATE MOTION PICTURE PERFORMANCE PRODUCTION 3.0 UNITS
Intermediate level practical experience in 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.

THEA 257 – MOTION PICTURE PERFORMANCE PRODUCTION III 3.0 UNITS
Provides the continuing performance student opportunity to concentrate on more advanced acting methods and development of technique. Emphasizes the development of the individual actor’s performance style connecting the emotional life of a character to technical delivery on-screen.
Prerequisite: Theatre Arts 256 with a minimum grade of C.

THEA 258 – MOTION PICTURE PERFORMANCE PRODUCTION IV 3.0 UNITS
Continuing study of on-camera acting technique including more complicated methodology and advanced script material. Emphasizes the combination of the individual actor’s performance style with the demands of working on a professional set.
Prerequisite: Theatre Arts 257 with a minimum grade of C.

THEA 256

THEA 257

THEA 258

VIET 101 – ELEMENTARY VIETNAMESE I 5.0 UNITS
A college level Vietnamese class focusing on pronunciation and grammar, basic vocabulary, common idioms, listening, speaking, reading, and writing techniques to provide avenues for the expression of ideas orally and in writing. Introduction to Vietnamese culture. Some sections designated for native Vietnamese speakers. Vietnamese 101 is equivalent to two years of high school Vietnamese.

VIET 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.

WELD 101 – INTRODUCTION TO WELDING 3.0 UNITS
This is a basic course designed to introduce students to shop safety, the proper use of tools and basic equipment, and basic fundamentals through the introduction of various welding processes currently used in the welding and metal fabrication industry. Processes will include Oxy-fuel cutting, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW).
WELD 125 – INTERMEDIATE ELECTRIC ARC WELDING 3.0 UNITS
This is an intermediate course designed for students who want to progress in their welding skills through the application of Shielded Metal Arc Welding (SMAW), Flux Cored Arc Welding (FCAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), and Oxy-fuel Cutting. The course will emphasize proficiency in welding in the flat, horizontal, and vertical positions. Continuing emphasis on safety, theory, and practical skill development. Recommended Preparation: Welding 101

01879   Diamond Z HYBRID Full Semester 8:00a-11:10a Tu Th Diamond Z K-101
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

WELD 153 – MATH/BLUEPRINT READING FOR WELDERS 3.0 UNITS
This course focuses on math used in welding and blueprint reading. Emphasis will be placed on welding blueprint symbols along with industry mathematics. The student will be able to read and interpret shop, field drawings, and blueprints related to the welding industry.

WELD 181 – PIPE WELDING FUNDAMENTALS 3.0 UNITS
This course is an introduction class to pipe welding with the Shielded Metal Arc Welding (SMAW) process. Students will focus on safety, theory, preparation, and welding. Emphasis will be placed on welding in the flat (1G) and horizontal (2G) positions using various size pipe with E6010 and E7018 electrodes. Recommended Preparation: Welding 101 with a minimum grade of C.

01865   Diamond Z HYBRID Full Semester 1:00p-4:10p M W Diamond Z K-101
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

WELD 182 – INTERMEDIATE PIPE WELDING 3.0 UNITS
This course is an intermediate class in pipe welding. Students will focus on safety, theory, pipe preparation, and welding. Emphasis will be placed on welding in the fixed horizontal (5G) and fixed 45 degree (6G) positions on various size pipe, using the Shielded Metal Arc Welding (SMAW) process with E6010 and E7018 electrodes. Recommended Preparation: Welding 181 with a minimum grade of C.

01866   Diamond Z HYBRID Full Semester 1:00p-4:10p M W Diamond Z K-101
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

WELD 225 – ADVANCED ELECTRIC ARC WELDING 3.0 UNITS
This is an advanced course designed to improve and master the student's previously acquired welding skills in Shielded Metal Arc Welding (SMAW), Flux Cored Arc Welding (FCAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), and Oxy-fuel Cutting. The course will emphasize proficiency of welding in the vertical and overhead positions with continued emphasis on safety, theory, and practical skill development. Recommended Preparation: Welding 240 with a minimum grade of C.

01881   Gonzales G HYBRID Full Semester 1:00p-4:10p Tu Th Gonzales G K-101
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.
WELD 240 – STRUCTURAL WELDING SMAW/FCAW 3.0 UNITS
This is an advanced course designed to provide students with specialized instruction in preparation for the Los Angeles Department of Building and Safety (LADBS) welder performance examination and/or the welder performance examination in accordance with the American Welding Society (AWS) D1.1 Structural Steel Code. Simulated examination plates will be issued to students, who will have to complete them in vertical (3G) and overhead (4G) positions, in order to evaluate their progress. Upon completion of the class, students should be prepared to schedule, take, and pass the welder performance examination for structural steel welding (AWS: D1.1).
Recommended Preparation: Welding 225 with a minimum grade of C.

H 01883 Gonzales G HYBRID Full Semester
6:00p-9:10p Tu Th Gonzales G K-101
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

WELD 282 – ADVANCED PIPE WELDING 3.0 UNITS
This advanced course prepares students to pass their inclined (6G) certification test. Students will use AWS and American Petroleum Institute (API) standard 1104 procedures. Emphasis will be on open root groove welds on pipe using the Shielded Metal Arc Welding (SMAW). Students will use E6010 and E7018 electrodes along with Gas Tungsten Arc Welding (GTAW).
Recommended Preparation: Welding 182 with a minimum grade of C.

H 01867 Diamond Z HYBRID Full Semester
1:00p-4:10p M W Diamond Z K-101
Hybrid instruction. A combination of online instruction and on-campus Lab meetings during the days and times indicated. Students log in to Canvas rsccd.instructure.com.

WOMEN'S STUDIES (WMNS) 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.

R 99158 11:50a-1:15p Tu Th Boles K RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

R 99159 6:30p-9:40p Th Boles K RL Full Semester
Remote Live. Students attend live streamed meetings on Canvas during the scheduled days and times. rsccd.instructure.com. There will be no instruction on-campus.

0161 Boles K ONLINE Full Semester
Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. rsccd.instructure.com

ONLINE (O) Time-flexible online lecture and materials with no scheduled meeting times
HYBRID (H) Combination of online and live scheduled web or on-campus meetings
REMOTE LIVE (RL) Live scheduled web meetings during published course times
REMOTE BLENDED (RB) Live scheduled web & on-campus meetings during published dates and times
FACE TO FACE (F2F) Meetings are on-campus during published course times

Low cost or free textbooks:
OER
ZTC
HONORS
POLICIES, NOTICES, AND GRADES

NONDISCRIMINATION POLICY

The Rancho Santiago Community College District is committed to equal opportunity in educational programs, employment, and all access to institutional programs and activities. The District, and each individual who represents the District, shall provide access to its services, classes, and programs without regard to national origin, religion, age, gender, gender identity, gender expression, race 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 and Title IX 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 Coordinator and/or Section 504/ADA Coordinator.

RSCCD Section 504/ADA Coordinator: Tracie Green,
2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.
RSCCD Title IX Coordinator: Jean Estévez,
2323 N. Broadway, Santa Ana, CA 92706, 714-480-7404.
Deputy Title IX Coordinator: Jennifer De La Rosa,
1530 W 17th, Santa Ana, CA. 92706, 714-564-6212.

POLÍTICA DE NO DISCRIMINACIÓN

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 administran las leyes estatales y federales sobre la no discriminación.

Ningún fondo del Distrito debe ser utilizado para la membrecía, 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 membrecía 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. Las consultas relacionadas con los procedimientos de cumplimiento y/o queja pueden dirigirse al Coordinador del Título IX del Distrito y/o al Coordinador de la Sección 504/ADA.

RSCCD Sección 504/ADA Coordinadora: Tracie Green,
2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.
RSCCD Título IX Coordinador: Jean Estévez,
2323 N. Broadway, Santa Ana, CA 92706, 714-480-7404.
Título IX Coordinador: Jennifer De LA Rosa,
1530 W 17th, Santa Ana, CA. 92706, 714-564-6212.

CHÍNH SÁCH KHÔNG PHÂN BIỆT ĐỐI XÚ

Các Rancho Santiago Community College District cam kết cởi bình đẳng trong các chương trình giáo dục, việc làm, và tất cả các quyền truy cập vào các chương trình và các hoạt động tổ chức. Học khu, và mỗi cá nhân đại diện cho học khu, sẽ c Área quyền truy cập vào các dịch vụ, các lớp và chương trình của mình mà không liên quan đến nguồn gốc quốc gia, tôn giáo, tuổi tác, giới tính, bản sắc giới tính, biệt tính giới tính, chủng tộc hoặc dân tộc, màu da, tình trạng y tế, thông tin di truyền, tổ tiên, khuyết tật, tình trạng hôn nhân, tình trạng gia đình, hạnh phúc, hoặc quan điểm và tình trạng củ chiều binh, hoặc vi ngữ đỗ được coi là có một hoặc nhiều đặc điểm trên thực tế Hiệu trưởng sẽ thiết lập thủ tục hành chính đảm bảo tất cả các thành viên của cộng đồng đại học có thể truy cập các khóa học vì những lý do cụ thể của mỗi khóa học và không phát sinh chi phí cho học sinh.

RSCCD Section 504/ADA Coordinator: Tracie Green, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.
RSCCD Title IX Coordinator: Jean Estévez, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7404.
Título IX Coordinator: Jennifer De LA Rosa, 1530 W 17th, Santa Ana, CA. 92706, 714-564-6212.

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academic freedom policy

The teacher should be free to think and to express ideas, free to select and employ materials and methods of instruction, free from undue pressures of authority, and free to act within his/her professional group. Such freedom should be used judiciously and prudently to the end that it promotes the free exercise of intelligence and student learning. Academic freedom is not an absolute. It must be exercised within the law and the basic ethical responsibilities of the teaching profession. Those responsibilities include:

1. An understanding of our democratic tradition and its methods.
2. A concern for the welfare, growth, maturity, and development of students.
3. The method of scholarship.
4. Application of good taste and judgment in selecting and employing materials and methods of instruction.

(Santa Ana College)

santa ana college rates of student progress student right-to-know act

The rates below are placed here in accordance with the federally mandated Student Right-to-Know Act

Student Right-to-Know Rates for Fall 2013 Cohort

Completion Rate: 27.55 %
Transfer Rate: 7.99 %

In compliance with the Student Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of our college district to make available its completion and transfer rates to all current and prospective students. Beginning in Fall 2013, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students were tracked over a six year period. Their completion and transfer rates are listed above. These rates do not represent the success rates of the entire student population at the College nor do they account for student outcomes occurring after this six year tracking period.

Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became ‘transfer prepared’ during a six year period, from Fall 2013 to Spring 2019. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered ‘transfer prepared’. Students who transferred to another post-secondary institution, prior to attaining a degree, certificate, or becoming ‘transfer prepared’ during an eleven semester period, from Spring 2014 to Spring 2019, are transfer students.

student consumer information right-to-know disclosure information

Federal regulations require all campuses to provide specified information to prospective and current students, staff and the general public. Listed below are those items that must be available for review per federal regulation.

The federal Higher Education Act, the federal Equity in Athletics Disclosure Act (EADA), and regulatory guidance provided in the Code of Federal Regulations (CFR) require direct individual notices of prescribed information to certain target audiences including prospective students; currently enrolled students; current employees; parents, coaches and counselors of prospective student athletes; and the general public. Disclosures are to include crime/security statistics, student completion/graduation rates, FERPA privacy/security rights, financial aid program information, and gender-specific information on athletic participation and financial support.

Family education rights and privacy

As required under the provisions of the Family Education Rights and Privacy Act of 1974, the Rancho Santiago Community College District will make public without student consent only certain directory information. This information consists of the following: a student’s name; city of residence; major field; 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; and 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 must be in writing and submitted each semester.
F.E.R.P.A. FAMILY EDUCATION RIGHTS AND PRIVACY NOTIFICATION

The Family Education Rights and Privacy Act of 1974 provides colleges the right to consent to disclose personally identifiable information contained in the student’s education records to third party vendors who are identified as School Officials and who have legitimate educational interests. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his/her professional responsibility. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including district safety personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his/her tasks.

Santa Ana College contracts with the following School Officials:

- Auditors (Vicenti-Lloyd-Stutzman)
- CCCApply (Unicon)
- Credentials (Online transcript request)
- ECS Imaging (optical imaging)
- Ellucian Colleague
- Image Now (optical imaging)
- Medpro and Quest (Health Center)
- National Student Clearinghouse
- SARS (Counseling Center)
- Xerox

SEXUAL HARASSMENT, SEXUAL MISCONDUCT INTIMATE PARTNER VIOLENCE, AND STALKING

Various federal and state law imposes obligations for the District to addresses and prohibit acts of sexual harassment, sexual misconduct, stalking, or domestic violence and dating violence (“intimate partner violence”) and stalking. Any sexual misconduct or physical abuse as defined by California state and federal law, whether committed by an employee, student, or member of the public, that occurs on or off district property is a may be violation of district policies and procedures, and is subject to all applicable punishment, including criminal procedures, civil litigation and employee or student discipline procedures. Students may face discipline at the District, up to and including suspension or expulsion. Employees may face sanctions up to and including dismissal from employment, pursuant to established policies and provisions of applicable collective bargaining unit agreements. Students, faculty, and staff who report sexual harassment, sexual misconduct, intimate partner violence, or stalking (“prohibited conduct”) shall be treated with dignity and provided comprehensive assistance.

The district encourages Complainants (those individuals reporting incidents of prohibited conduct) of sexual misconduct, intimate partner violence or stalking to talk to someone about what happened - so they can get the support they need, and so the District can respond appropriately. The District has established administrative procedures that ensure that students, faculty, and staff who are directly impacted by prohibited conduct receive appropriate information and treatment, and that educational information about preventing sexual violence is provided and publicized as required by law (please see Administrative Regulation 3540 and Interim Administrative Regulation 3425 for complete procedures).

Under California law, any health practitioner employed in a health facility, clinic, physician’s office, or local or state public health department or clinic is required to make a report to local law enforcement if they provide medical services for a physical condition to a patient/Complainant who they know or reasonably suspects is suffering from (1) a wound or physical injury inflicted by a firearm; or (2) any wound or other physical injury inflicted upon a Complainant where the injury is the result of assaultive or abusive conduct (including sexual misconduct, domestic violence, and dating violence). This exception does not apply to sexual assault and domestic violence counselors and advocates. Health care practitioners should explain this limited exception to Complainants, if applicable.

Additionally, under California law, physicians, psychotherapists, professional counselors, licensed clinical social workers, clergy, and sexual assault and domestic violence counselors and advocates are mandatory child abuse and neglect reporters, and are required to report incidents involving Complainants under 18 years of age to local law enforcement. These professionals will explain this limited exception to Complainants, if applicable. Finally, some or all of these professionals may also have reporting obligations under California law to (1) local law enforcement in cases involving threats of immediate or imminent harm to self or others where disclosure of the information is necessary to prevent the threatened danger; (2) to the court if compelled by court order or subpoena in a criminal proceeding related to the sexual violence incident. If applicable, these professionals will explain this limited exception to Complainants.

The use of alcohol or drugs never makes the Complainant at fault for reports of misconduct, intimate partner violence or stalking; therefore, Complainants should not be deterred from reporting incidents out of a concern that they might be disciplined for related violations of drug or alcohol policies. Except in extreme circumstances, Complainants shall not be subject to discipline for related violations of the Standards of Student Conduct. Santa Ana College has the resources to assist and refer students who experienced sexual misconduct, dating or domestic violence, and stalking. Immediate care and confidential counseling can be provided by the Health and
Wellness Center, in Johnson Student Center, JSC-110 or call (714) 564-6216. When the Health and Wellness Center is closed, contact Campus Safety and Security (not a confidential resource) directly in the X building or call (714) 628-6330. If you have questions regarding an allegation, specific behavior or if you would like to discuss a concern with an administrator, please contact a member of the Title IX team below.

Jean Pryor Estevez, Title IX Coordinator
Rancho Santiago Community College District
2323 N. Broadway, Santa Ana, California 92706-1640
Email: Estevez_jean@rsccd.edu
Phone: 714-480-7404
Web: www.rsccd.edu/titleix

Jennifer De La Rosa, Deputy Title IX Coordinator
Santa Ana College
1530 W 17th, Santa Ana, CA. 92706
Email: de_la_rosa_jennifer@sac.edu
Phone: 714-564-6212

Any individual can submit a report by using the following link: www.rsccd.edu/incidentreportingform
Applicable regulations, resources, and additional information can be found at www.rsccd.edu/titleix or www.rsccd.edu/civil rights
Additional off-campus resources can be found below:
Waymakers: 949-831-9110
waymakersoc.org
Human Options: 1-877-854-3594
humanoptions.org
Supporting Survivors: 714-517-6100
ochealthinfo.com/bhs/services/support/ss
Laura's House: 866-498-1511
laurashouse.org
National Suicide Prevention Lifeline: 1-800-273-8255
suicidepreventionlifeline.org
Rape, Abuse & Incest National Network: 1-800-656-HOPE
hotline.rainn.org/online

Individuals may report to the Title IX Team, who will provide written and verbal information regarding applicable District complaint procedures for investigating and addressing the incident. The Title IX Team will also provide information regarding resources available to Complainants, as well as information regarding their rights and options. Furthermore, making a report means telling a responsible employee what happened—in person, by telephone, in writing, or by email. At the time a report is made, a reporting party does not have to request any particular course of action, nor does a reporting party need to know how to label what happened. Choosing to make a report, and deciding how to proceed after making the report, can be a process that unfolds over time. Many resources and options are available on and off campus including confidential and privileged communication options.

The Title IX Team is available to explain and discuss rights to file a criminal complaint and to assist in doing so; the District's relevant complaint process, and rights to receive assistance with that process, including the investigation and hearing process; how confidentiality is handled; available resources, both on and off campus; and other related matters. When an individual tells the Title IX Team or another non-confidential District employee about a sexual misconduct, dating violence, domestic violence, or stalking incident, or prohibited conduct, the Complainant has the right to expect the District to take immediate and appropriate steps to investigate what happened and to resolve the matter promptly and equitably. In all cases, the District strongly encourages Complainants to report prohibited conduct directly to the Title IX Team.

To the extent possible, information reported to District employees will be kept private and shared only with individuals responsible for handling the District's response to the incident. The District will protect the privacy of individuals involved in a prohibited conduct incident except as otherwise required by law or District policy as required by state or federal law. A prohibited conduct report may result in the gathering of extremely sensitive information about individuals in the campus community. If a Complainant requests of the Title IX Team or another District employee that their identity remain completely confidential, the Title IX Team will explain that the District cannot always honor that request and guarantee complete confidentiality. If a Complainant wishes to remain confidential or request that no investigation be conducted or disciplinary action taken, the District must weigh that request against the District's obligation to provide a safe, non-discriminatory environment for all students, employees and third parties, including the victim. Under those circumstances, the Title IX Coordinator will determine whether the victim's request for complete confidentiality and/or no investigation can be honored under the facts and circumstances of the particular case, including whether the District has a legal obligation to report the incident, conduct an investigation or take other appropriate steps. Without information about a
Complainant’s identity, the District’s ability to meaningfully investigate the incident and pursue disciplinary action against the perpetrator may be severely limited. The Title IX Team will inform the Complainant of the initiation of an investigation prior to starting an investigation and will, to the extent possible, only share information with people responsible for handling the District’s response to the incident. The Title IX Team will remain mindful of the Complainant’s well-being, and will take ongoing steps to protect the Complainant from retaliation or harm, and work with the Complainant to create a safety plan. Retaliation against the victim, whether by students, employees or third parties, will not be tolerated. The District and Title IX Team will also:

Provide interim remedies requested by the Complainant, if they are reasonable, regardless of whether the Complainant chooses to report to campus or local police;
Assist both Parties in accessing available advocacy, academic support, counseling, disability, medical/health or mental health services, and legal assistance both on and off campus;
Provide security and support for both Parties, which could include issuing a no-contact order, helping arrange a change of campus-based working arrangements or course schedules or adjustments for assignments, tests, or work duties; and
Inform Complainants of their right to report a crime to District or local police – and provide Complainants with assistance if desired.

The District will not require a Complainant to participate in any investigation or disciplinary proceeding if the Complainant does not wish to participate. The District will not generally notify parents or legal guardians of a sexual misconduct, dating violence, domestic violence, or stalking report unless the Complainant is under 18 years old or the Complainant provides the District with written permission to do so. Under California law, and pursuant to District policy, many District employees, including the Title IX Coordinator, are mandatory child abuse and neglect reporters and should explain to Complainants under 18 years of age that they are required to report the incident to the police. However, the identity of the person who reports and the report itself are confidential and disclosed only among appropriate agencies.

**HARASSMENT AND DISCRIMINATION**

Board Policy 3430 (BP 3430) and Interim Administrative Regulation 3425 prohibits all forms of harassment that 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. Administrative Regulation 3435 details the procedures for the resolution of such complaints (rsccd.edu/bpar). This policy is widely published and publicized to all employees and students, including incoming employees and students. 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 sexual harassment and all forms of sexual intimidation and exploitation, including acts of sexual misconduct, dating or domestic violence, and stalking. The District shall also be free of other unlawful harassment or discrimination, 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 Title IX Coordinator is responsible for resolving reports of sexual misconduct, sex or gender-based discrimination or harassment, dating or domestic violence, and stalking. To report an incident or file a complaint, please contact:

Jean Pryor Estevez
Title IX Coordinator
Rancho Santiago Community College District
2323 N. Broadway, Santa Ana, California 92706-1640
Email: Estevez_jean@rsccd.edu
Phone: 714-480-7404
Web: www.rsccd.edu/titleix

Jennifer De La Rosa
Deputy Title IX Coordinator
Santa Ana College
1530 W 17th, Santa Ana, CA. 92706
Email: de_la_rosa_jennifer@sac.edu
Phone: 714-564-6212

All students, staff and faculty may elect to follow formal complaint procedures. Formal complaints of unlawful discrimination or harassment must be filed in writing on a form prescribed by the State Chancellor. The required form may be found here: www.rsccd.edu/incidentreportingform

Upon receiving a formal written complaint, the District will determine whether the complaint has met the necessary requirements. The District will investigate properly filed complaints according to procedures prescribed in Board policy. The District will complete its investigation within 90 days of receiving the complaint and report its administrative determination. The District must provide written notice to both the complainant and the State Chancellor of whether there is probable cause to sustain the charges raised in the complaint; a description of the action taken, if any, to prevent similar problems from occurring in the future; the proposed
resolution of the complaint; and the complainant's right to appeal to the District and the State Chancellor.
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. Retaliation for exercising one's right of protection from
discrimination and/or harassment or for participating in the investigation of a complaint is prohibited by law and
this policy, and will not be tolerated. All allegations of retaliation will be swiftly and thoroughly investigated. If
the District determines that discrimination, harassment, or retaliation has occurred, it will take all reasonable
steps within its power to stop such conduct. Students or employees who engage in discrimination, harassment,
or retaliation are subject to disciplinary action, up to and including termination or expulsion.

**HARASSMENT**

Hostile or offensive conduct based on a protected status can constitute prohibited harassment. Harassment
comes in many forms, including but not limited to the following conduct:

- **Verbal:** Inappropriate or offensive remarks, slurs, jokes or innuendos based on a person's race, gender, sexual
  orientation, or other legally protected status.

- **Visual or Written:** The display or circulation of visual or written material that degrades an individual or group
  based on gender, race, nationality, sexual orientation, or other legally protected status.

Environmental: A hostile academic or work environment exists where it is permeated by sexual innuendo; insults
or abusive comments directed at an individual or group based on gender, race, nationality, sexual orientation
or other legally protected status; or gratuitous comments regarding gender, race, nationality, sexual orientation
or other legally protected status that are not relevant to the subject matter of the class or activities on the job.

Physical: Inappropriate or offensive touching, assault, or physical interference with free movement. This may
include, but is not limited to, kissing, patting, lingering or intimate touches, grabbing, pinching, leering, staring,
unnecessarily brushing against or blocking another person, whistling or sexual gestures. It also includes any
physical assault or intimidation directed at an individual due to that person's gender, race, national origin, sexual
orientation or other protected status. Physical sexual harassment includes acts of sexual violence, such as rape,
sexual assault, sexual battery, and sexual coercion. Sexual violence refers to physical sexual acts perpetrated
against a person's will or where a person is incapable of giving consent due to the victim's use of drugs or alcohol.
An individual also may be unable to give consent due to an intellectual or other disability.

In addition to the above, sexual harassment consists of unwelcome sexual advances, requests for sexual favors,
and other conduct of a sexual nature when:

- **Submission to the conduct is made a term or condition of an individual's employment, academic status, or
  progress;**

- **Submission to, or rejection of, the conduct by the individual is used as a basis of employment or academic
  decisions affecting the individual;**

- **The conduct has the purpose or effect of having a negative impact upon the individual's work or academic
  performance, or of creating an intimidating, hostile or offensive work or educational environment; or**

- **Submission to, or rejection of, the conduct by the individual is used as the basis for any decision affecting the
  individual regarding benefits and services, honors, programs, or activities available at or through the college.**

This section doesn't cover sexual harassment under Title IX.

**DUTY TO REPORT**

Except for psychologists in the College's Student Health Center, any District employee who knows of or has
reason to know of sexual misconduct, dating or domestic violence, and stalking shall promptly inform a member
of the Title IX Team. These employees are considered responsible employees mandated reporters under Title
IX and are required to disclose all information, including the names of the parties, even where the person has
requested that their name remain confidential. Supervisors are mandated to report all incidents of harassment
and retaliation that come to their attention.

The Title IX Coordinator or District Administrator of Title IX and all employees designated as "Officials with
Authority" under Title IX will determine whether confidentiality is appropriate given the circumstances of
each such incident as the District must then take appropriate steps to eliminate any gender discrimination/
harassment/misconduct, prevent its recurrence, and remedy its effects. The District is required by the federal
Clery Act to report certain types of crimes (including certain sex offenses) in statistical reports. However, while
the District will report the type of incident in the annual crime statistics report known as the Annual Security
Report, Complainant names/identities will not be revealed.

BP 3430 and AR 3425 applies to all aspects of the academic environment, including but not limited to classroom
conditions, grades, academic standing, employment opportunities, scholarships, recommendations, disciplinary
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.
SUPPORTIVE MEASURES

The District will offer and implement appropriate and reasonable supportive measures to the Parties upon notice of alleged sexual harassment and/or retaliation. Supportive measures are non-disciplinary, non-punitive individualized services, offered as appropriate, as reasonably available and without fee or charge to the Parties, which are intended to restore or preserve equal access to the District’s education program or activity, to protect the safety of all Parties or the District’s educational environment, and/or deter sexual harassment and/or retaliation.

The Title IX Coordinator will promptly make supportive measures available to the Parties upon receiving notice or a complaint, and will coordinate the effective implementation of such measures. At the time that supportive measures are offered, the District will inform the Complainant, in writing, that they may file a formal complaint with the District either at that time or in the future, if they have not done so already.

The District will maintain the privacy of the supportive measures, provided that privacy does not impair the District’s ability to provide the supportive measures. The District will act to ensure as minimal an academic/occupational impact on the Parties as possible. The District will implement measures in a way that does not unreasonably burden the other party. Supportive measures may include, but are not limited to:

- Counseling and referral to medical and/or other healthcare services
- Referral to the Employee Assistance Program
- Referral to community-based service providers
- Student financial aid counseling
- Altered work arrangements for employees or student-employees
- Safety planning
- Campus safety escorts
- Implementing mutual contact limitations (no contact orders) between the Parties
- Academic support, extensions of deadlines, or other course/program-related adjustments
- Trespass orders
- Class or work schedule modifications, withdrawals, or leaves of absence
- Increased security and monitoring of certain areas of the campus
- Any other actions deemed appropriate by the Title IX Coordinator

Violations of no contact orders will be referred to appropriate student or employee conduct processes for enforcement.

STUDENT SANCTIONS

In cases involving Respondents who are students, the hearing process detailed herein shall serve as the due process hearing outlined in Section IV of Board Policy 5500. The following are the usual sanctions that may be imposed upon students or organizations singly or in combination:

- Warning: A verbal statement that the conduct was unacceptable and that further violation of any District policy, procedure, or directive will result in more severe sanctions/responsive actions.
- Reprimand: A written statement, included in the student’s disciplinary file that the conduct was unacceptable and that further misconduct will result in more severe sanctions /responsive actions.
- Required Counseling: A mandate to meet with and engage in either District-sponsored or external counseling to better comprehend the misconduct and its effects.
- Probation: Authorization for the Respondent to return to classes, but with an understanding of expected appropriate future behavior and terms that may include denial of specified social privileges, exclusion from co-curricular activities, exclusion from designated areas of campus, no-contact orders, and/or other measures deemed appropriate. Any violations of the Standards of Student Conduct during this probationary period will result in further, more serious disciplinary action against the Respondent.
- Suspension: Termination of student status for a definite period of time not to exceed two academic years.
- Expulsion: Permanent termination of student status and revocation of rights to be on campus for any reason or to attend District-sponsored events.
- Withholding Diploma: The District may withhold a student’s diploma for a specified period of time and/or deny a student participation in commencement activities if the student has an allegation pending or as a sanction if the student is found responsible for an alleged violation.
- Revocation of Degree: The District reserves the right to revoke a degree previously awarded from the District for serious violations committed by a student prior to graduation.
- Student Organizational Sanctions: Deactivation, loss of recognition, loss of some or all privileges for a specified period of time.
- Other Actions: In addition to or in place of the above sanctions, the District may assign any other sanctions as deemed appropriate.
EMPLOYEE SANCTIONS
Responsive actions for an employee who is found to have engaged in Prohibited Conduct, as defined herein include:

- Warning – Verbal or Written
- Performance Improvement Plan
- Enhanced supervision, observation, or review
- Required Counseling
- Required Training or Education
- Demotion
- Transfer
- Reassignment
- Assignment to new supervisor
- Restriction of stipends, research, and/or professional development resources
- Suspension with pay
- Suspension without pay
- Termination
- Other Actions: In addition to or in place of the above sanctions/responsive actions, the District may assign any other responsive actions as deemed appropriate.

DEFINITIONS
The District has adopted the following definitions so as to address the unique environment of an academic community.

Affirmative Consent means an affirmative, conscious, and voluntary agreement to engage in sexual activity. It is the responsibility of each person involved in sexual activity to ensure that they have the affirmative consent of the other or others to engage in the sexual activity. Lack of protest or resistance does not mean consent, nor does silence mean consent. Affirmative consent must be ongoing throughout a sexual activity and can be revoked at any time. The existence of a dating relationship between the persons involved, or the fact of past sexual relations between them, should never by itself be assumed to be an indicator of consent. In California, a minor (meaning a person under the age of 18) cannot consent to sexual activity.

It shall not be a valid response to alleged lack of affirmative consent that the Respondent believed that the Complainant consented to the sexual activity under either of the following circumstances:

The Respondent’s belief in affirmative consent arose from the intoxication or recklessness of the Complainant Respondent. Any allegation that alcohol or other drugs were involved in an incident will be reviewed.

The Respondent did not take reasonable steps, in the circumstances known to the Respondent at the time, to ascertain whether the complainant affirmatively consented.

It shall not be a valid response that the Respondent believed that the Complainant affirmatively consented to the sexual activity if the Respondent knew or reasonably should have known that the Complainant was unable to consent to the sexual activity under any of the following circumstances:

- The Complainant was asleep or unconscious.
- The Complainant was incapacitated due to the influence of drugs, alcohol, or medication, so that the Complainant could not understand the fact, nature, or extent of the sexual activity.
- The Complainant was unable to communicate due to a mental or physical condition.

Complainant means an individual who is alleged to be the victim of conduct that could constitute Sexual Harassment, as defined herein, whether the notice/complaint is presented by the individual or someone on the individual’s behalf, such as a report by one who learned of the conduct in his or her official capacity as a faculty member or administrator.

Formal Complaint means a document submitted or signed by a Complainant or signed by the Title IX Coordinator alleging Prohibited Conduct against a Respondent and requesting that the District investigate the allegation.

Notice means that an employee, student, or third-party informs the Title IX Coordinator or other Official with Authority of the alleged occurrence of harassing, discriminatory, and/or retaliatory conduct.

Official with Authority (OWA) means an employee of the District explicitly vested with the responsibility to implement corrective measures for sexual harassment and/or retaliation on behalf of the District.

Prohibited Conduct means any sexual misconduct, gender or sex-based discrimination or harassment, dating violence, domestic violence, stalking, and retaliation.

Remedies are actions taken to address safety, prevent recurrence of Prohibited Conduct, and restore equal access to the District's educational program.

Resolution Process refers broadly to the process for addressing Formal Complaints either by informal resolution or through a Formal Grievance Process that includes investigation, live hearing, and appeal.
Respondent means an individual who has been reported to be the perpetrator of Prohibited Conduct, as defined herein.

Sanction means a consequence imposed by the District on a Respondent who is found to have engaged in Prohibited Conduct under this interim administrative regulation.

Sexual Harassment means conduct on the basis of sex that satisfies one or more of the following:

A. Quid Pro Quo Sexual Harassment: When an employee of the District conditions (implicitly or explicitly) the provision of an aid, benefit, or service of the District on an individual’s participation in unwelcome sexual conduct; or

B. Hostile Environment Sexual Harassment: Unwelcome conduct determined by a reasonable person standing in the shoes of the Complainant to be so severe, pervasive, and objectively offensive that it effectively denies a person equal access to the District’s education program or activity; or

C. Sexual assault, dating violence, domestic violence, or stalking, as defined herein.

1. Sexual assault means any sexual act (forcible or non-forcible), directed against another person, without the consent of the victim, including instances where the victim is incapable of giving consent. Sexual acts include the following:

   (a) Rape, which is defined as the penetration, no matter how slight, of the vagina or anus with any body part or object, or oral penetration by a sex organ of another person, without the consent of the Complainant.

   (b) Sodomy, which is defined as oral or anal sexual intercourse with another person, forcibly committed and/or against that person’s will (non-consensually), or not forcibly or against the person’s will in instances in which the Complainant is incapable of giving consent because of age or because of temporary or permanent mental or physical incapacity.

   (c) Sexual Assault with an Object, which is defined as the use of an object or instrument to penetrate, however slightly, the genital or anal opening of the body of another person, forcibly and/or against that person’s will (non-consensually), or not forcibly or against the person’s will in instances in which the Complainant is incapable of giving consent because of age or because of temporary or permanent mental or physical incapacity.

   (d) Fondling, which is defined as the touching of the private parts of another person for the purposes of sexual gratification, without the consent of the victim, including instances where the victim is incapable of giving consent because of age or because of temporary or permanent mental or physical incapacity.

   (e) Incest, which is defined as sexual intercourse between persons who are related to each other within the degrees wherein marriage is prohibited by law.

   (d) Statutory Rape, which is defined as sexual intercourse with a person who is under the statutory age of consent.

2. Dating violence means violence committed, on the basis of sex, by a person who is or has been in a social relationship of a romantic or intimate nature with the Complainant. The existence of such a relationship shall be determined based on a consideration of the following factors: the length of the relationship, the type of relationship and the frequency of interaction between the persons involved in the relationship. For the purposes of this definition, dating violence includes, but is not limited to, sexual or physical abuse or the threat of such abuse. Dating violence does not include acts covered under the definition of domestic violence.

3. Domestic violence means conduct, on the basis of sex, that includes the requisite components of felony or misdemeanor crimes of violence committed by (a) a current or former spouse or intimate partner of the victim; (b) a person with whom the victim shares a child in common; (c) a person who is cohabitating with or has cohabitated with the victim as a spouse; (d) a person similarly situated to a spouse of the victim under California law; or (e) any other person against an adult or youth victim who is protected from that person’s acts under California law.

4. Stalking means a course of conduct directed at a specific person on the basis of sex that would cause a reasonable person to fear for the person’s safety or the safety of others, or to suffer substantial emotional distress. For the purposes of this definition: (a) A course of conduct is two or more acts, including, but not limited to, acts in which the Respondent directly, indirectly, or through third parties, by any action, method, device, or means, follows, monitors, observes, surveils, threatens, or communicates to or about a person, or interferes with a person’s property; (b) Reasonable person means a reasonable person under similar circumstances and with similar identities to the Complainant; and (c) Substantial emotional distress means significant mental suffering or anguish that may but does not necessarily require medical or other professional treatment or counseling.

Student/Students means any as any individual who has accepted an offer of admission, or who is registered or enrolled for credit or non-credit bearing coursework, and who maintains an ongoing relationship with the District.

Third Party means a person other than the Complainant and the Respondent.

Any individual can submit a report by using the following link:
www.rsccd.edu/incidentreportingform

Applicable regulations, resources, and additional information can be found at www.rsccd.edu/titleix or www.rsccd.edu/civilrights
SMOKING AND TOBACCO USE IN DISTRICT FACILITIES AND VEHICLES
Smoking is prohibited in all campus areas including all District owned, rented or leased properties and vehicles, except in designated parking lot areas and within 20 feet of entrances, exits, and operable windows. Smoking is defined as the use of products containing tobacco and/or nicotine, including but not limited to smokeless tobacco, clove cigarettes, or any other smoking products, and any and all electronic or “e-cigarettes”, which are unapproved nicotine delivery devices, unregulated by the FDA. Public performances in which smoking is an integral and necessary part of the production are excluded from these regulations.
These regulations apply to employees, students, visitors and all other persons who use District owned or rented/leased facilities and vehicles. Failure to comply with these regulations may result in disciplinary action. It is the responsibility of every District employee to comply with these regulations and report violations to District Safety.
These regulations do not supersede more restrictive policies which may be in force under State and Federal regulations. (AR-3570)

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 714-564-6295.

OFF-CAMPUS FIELD TRIP 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.

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

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

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

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

OTHER REPETITIONS – A & G PETITION PROCESS
Any repetition of a class beyond the specified limits previously specified must be petitioned in the Admissions Office.

WITHDRAWAL POLICY
Refer to section information in WebAdvisor:
- Last day to add a class with instructor’s signature or Add Authorization
- Last day to drop a class with enrollment fee refund and no “W” grade
- Last day to drop a class with “W” grade

PASS/NO PASS
Pass/No Pass petitions must be received in the Admissions Office by January 11, 2021. 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.

GRADES DUE AND AVAILABLE
Once the instructor submits grades ONLINE, students can view grades using the online records system. Final grades for all courses are due to Admissions & Records on Thursday following last day of instruction, 6/10/2021.

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

CLASS DISCONTINUANCE POLICY
Any class in which there is not a minimum of 20 students enrolled by the beginning of instruction may be discontinued. Any class which does not maintain satisfactory attendance may be discontinued.
DISTRICT SAFETY AND SECURITY

The District Safety Department provides 24 hour services to both Santa Ana College and Santiago Canyon College, and their sites and centers. At 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

For the complete Annual Crime/Security Report go to:
rsccd.edu/Departments/Security-and-Public-Safety/Pages/crime-statistics.aspx

Includes both Santa Ana College and Santiago Canyon College, all sites and centers.

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SANTA ANA COLLEGE – FALL 2021

CAMPUS MAP

SANTA ANA COLLEGE 1530 W. 17th Street • Santa Ana, CA 92706 • 714-564-6000 • sac.edu

PARKING

Daily Permit Dispenser ($2.00 for 8 hours)

- STAFF
- SECURITY
- VISITOR
- STAFF
- STUDENT
(except as posted)

CAUTION!
Parking in Bristol Marketplace, across the street from Santa Ana College, is not allowed. Violations will result in tow-aways. RSCCD requires parking permits for student and staff lots at Santa Ana College and Santiago Canyon College. Semester Parking Permits may be purchased at time of registration for $30.00 in the Student Business Office (VL-205B) in 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.

Denotes “Closed for Construction”

Student Help Desk - Inside Nealley Library

Student Resource Desk: S-Building Lobby

SAC FACILITIES AND LOCATIONS

A
Cesar Chavez Building
Academic Computing Center A-106
Distance Education A-101

B
Middle College High School
SAUSD Administration Office B-10
Classrooms (The Village) VL-300

B 8
Adult Education Center Office
B 15–31 Adult Education Classrooms
B 33 Adult Education Classrooms

C
Fine Arts / Art Gallery

D
Dunlap Hall
Honors Program D-307
Learning Center D-428

E
Fitness Center

F
Locker Rooms

G
Cook Gym

H
Hammond Hall

I
Classroom Building

J
Auto Shop

JSC
Johnson Student Center
Associated Student Government (ASG) JSC-103
Bookstore (in Campus Store) JSC-117
Cafe -Coffee/Juice Bar JSC-118
Campus Store/Quick Stop JSC-117

K
Welding / Auto Diesel

L
Nealley Library – 1st Floor
L Building – 2nd Floor:
Assessment Center L-223
Career Center L-222
Math Study Center L-204
MESA Program L-206

M
Planetarium
Veterans Resource Center M-120

N
Music Building

O
Central Plant

P
Phillips Hall Theatre

Q
Sports Concession

R
Russell Hall

S
Administrative Building – First Floor:
Admissions / Records S-101
Counseling S-112
Graduation Office S-104
Promise Program S-110
PUENTE Program S-110
University Transfer Center S-110
& Center for Teacher Education

Administration Building – 2nd Floor:
Community Services Program S-203
Foundation S-201
Scholarship Program S-201
Student Outreach S-213

SC
Science Center

T
Technical Arts

V
Early Childhood Education Center

W
Kinesiology

X
Security / Safety

Z
Maintenance

REV: 05.13.2021
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