

SANTA ANA COLLEGE

# FALL 2023

## SCHEDULE OF CLASSES

AUGUST 21 - DECEMBER 10



SANTA ANA COLLEGE

**PRESIDENT’S MESSAGE**



**Welcome to Santa Ana College!** We are so happy that you are at our amazing institution, and we are here to provide you excellent services and high-quality education at an affordable rate. Santa Ana College has been part of this community for over 100 years, and we have a rich tradition of

academic excellence whether you want to learn English, earn a high school diploma, learn career or technical education, earn an associate’s or bachelor’s degree, and/or transfer to a university. The college even offers an Online Pathway, where you can earn your degree completely online in two years for about \$2,500. Here at Santa Ana College, we have a pathway for you!

We recognize that each of you may be at different stages of your life whether you are a recent high school graduate or a student returning to school after years in the workforce. Going to college is no small feat, but you’re doing it! The college offers student support services to help you thrive. We are proud of your dedication, and the way you are able to balance work, family, life and school.

Through our Guided Pathways framework, we work diligently to ensure students stay on their career or academic path towards completion of their goals.

Although Santa Ana College has been part of this community for over 100 years, we continue to evolve meeting the needs of our students and growing community. Our new state-of-the-art facilities, including the Science and Johnson Student Centers are facets of that growth, which will enable students to rise through education, helping to change their future and legacy for their families.

We stand ready to inspire, transform and empower you on your educational journey!

Welcome again,

Annebelle Nery, Ph.D.

President, Santa Ana College

**SANTA ANA COLLEGE MISSION STATEMENT**

*Santa Ana College inspires, transforms, and empowers a diverse community of learners.*

[sac.edu](http://sac.edu)

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**SANTA ANA COLLEGE**

**Focused On Your Future**

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# SANTA ANA COLLEGE

## FALL 2023

### August 21 – December 10

#### ADMISSIONS / REGISTRATION HOURS

SAC Admissions Office now has more ways to assist students!

- Email us at [Adm\\_Records@sac.edu](mailto:Adm_Records@sac.edu) – submit documents or ask questions
- [sac.edu/Student Services/AdmissionsRecords](http://sac.edu/Student_Services/AdmissionsRecords) - HOME PAGE
- [sac.craniumcafe.com/group/admissions-](http://sac.craniumcafe.com/group/admissions-) LIVE CHAT

#### ADMISSIONS OFFICE SERVICE HOURS

MON –THURS: 8:00A TO 5:45P

FRIDAY: 8:00A TO 4:30P

The college is closed December 25, 2023, to January 02, 2024. Office hours subject to change

#### REGISTRATION CALENDAR

April 5 – August 20, 2023

Online registration for CONTINUING students

May 7 – August 20, 2023

New and returning students view your registration appointment online.

May 8 – August 20, 2023

Loss of Priority Registration students

May 9 – August 20, 2023

Special Admit (concurrent K–12) students register online

August 21 - October 15, 2023

Registration for late-starting classes continues on online

#### INSTRUCTIONAL CALENDAR

August 21, 2023

Instruction Begins for Fall Classes (full semester) and First GR8 Weeks

October 17, 2023

Second 8 Weeks

December 5 - December 11, 2023

Final Exams Week

#### CLASS ADD OR DROP DEADLINES

September 4, 2023

Last date to add a full-semester class with online add authorization

September 4, 2023

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 [Self-Service](#) for a specific section date

September 4, 2023

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 [Self-Service](#) for a specific section date

November 12, 2023

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 [Self-Service](#) for a specific section date

#### ACADEMIC FORM DEADLINES

October 6, 2023

Last date to petition for CSU and IGETC

October 6, 2023

Last date to petition for June certificates

October 6, 2023

Last date to petition for June graduation

Last date to file pass/no pass petition is the last day of instruction for each section. Check [Self-Service](#) for instruction end date.

#### HOLIDAY CALENDAR

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

September 4, 2023

Labor Day (Monday)

November 10, 2023

Veterans Day (Friday)

November 23 – 26, 2023

Thanksgiving Day (Thursday–Sunday)

December 25 – 31, 2023

Winter Holiday Break

January 1, 2024

New Year’s Day (Monday)

#### 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 10, 2023**. 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 14, 2023.**

**Santa Ana College offers a four-week intersession in January 2024.**

**The intersession will run from Monday, January 8 through Sunday, February 4, 2024.**

**WE'RE HERE TO HELP**

<b>TO CONTACT OR LEARN ABOUT</b>	<b>CONTACT</b>	<b>LOCATION</b>	<b>TELEPHONE</b>
Academic Computing Center	Jazmin Quijada	Cesar Chavez Bldg, A-106	714-564-6731
Add or Drop Class	Registration	Administration Bldg, S-101	714-564-6017
Admissions	Mark Liang	Administration Bldg, S-101	714-564-6017
American Sign Language	Heather Arazi	Dunlap Hall, D-422	(TDD) 714-988-2205 714-564-6283
Articulation High Schools/ROPs	Jonae Varela	Russell Hall, R-105	714-564-6811
Articulation Universities	Paula Canzona	Administration Bldg, S-108	714-564-6088
Assessment Center	Assessment Center Staff	Library Bldg, L-223	714-564-6148
Athletics	Courtney Doussett	Kinesiology Bldg, W-102	714-564-6900
Bridge to Engineering	Mayra Perez	Cesar Chavez Bldg - A107-16	714-564-6418
CalWORKs	Deisy C. Romero	Johnson Student Center- JSC-212	714-564-6232
Campus Store	Staff	Johnson Student Center, JSC-117	714-564-6435
Career Center	Marisela Godinez/ Armando Soto	Library Bldg, L-222	714-564-6254
Student Business Office	Cashier Office Staff	Johnson Student Center, JSC-202	714-564-6965
Centennial Education Center (CEC)	2900 W. Edinger, Santa Ana, CA 92704		714-241-5700
Center for Teacher Education	Steve Bautista	Administration Bldg, S-110	714-564-6352
Child Development Services Santa Ana College	Janneth Linnell Maria Castellon/ Jerelyn Cowan	RSCCD District Office  Child Development Center	714-480-7546  714-564-6894
Santa Ana College East Campus	Zeferina Gonzalez	1510 N. Parton, Santa Ana	714-564-6952
Centennial Education Center	Susan Wahl	CEC, 2900 W. Edinger, Santa Ana	714-241-5739
Early Head Start	My Le Pham	RSCCD District Office	714-480-7544
Civic Engagement	Vacant	Administration Bldg, S-201	714-564-6105
Clubs/Organizations	Jennifer De La Rosa	Johnson Student Center, JSC-102	714-564-6214
Community Relations	Vacant	Administration Bldg, S-201	714-564-6105
Community Education	Lithia Williams	Administration Bldg, S-203	714-564-6594
Computer Lab	Jazmin Quijada	Cesar Chavez Bldg, A-106	714-564-6731
Continuing Education Division, CEC		CEC, 2900 W. Edinger, Santa Ana	714-241-5700
Cooperative Work Experience		Cesar Chavez Bldg, A-103	714-564-6750
Corporate Training Institute Testing Center			
Counseling	Counseling Center Staff	Administration Bldg, S-112	714-564-6103
Criminal Justice Academies, OC			
Sheriff's Regional Training Academy	Tim Winchell	15991 Armstrong Ave., Tustin, 92782	714-566-9200
CTE Internships		Cesar Chavez Bldg, A-107-4	714-564-6761
CTE Transitions		The Village, VL-204	714-564-6224
Digital Media Center	Sarah Santoyo	DMC (Digital Media Center)	714-241-5810
Disabled Students Program and Services (DSPS)	Krystle Taylor (interim)	Johnson Student Center, JSC-108	714-564-6295
Distance Education (Online Classes)	Dr. Marvin Gabut	Cesar Chavez Bldg, A-101	714-564-6725
District Safety And Security	Ralph Webb	RSCCD	714-480-7331

**DIVISIONS/DEPARTMENTS:**

Business	Douglas Benoit	Cesar Chavez Bldg, A-103	714-564-6750
Career Education & Workforce			
Development	Vacant	The Village, VL-204	714-564-6224
Counseling	Maria Dela Cruz	Administration Bldg, S-106	714-564-6078
Fine & Performing Arts	Kristi Blackburn	Cesar Chavez Bldg, A-109	714-564-5600
Humanities & Social Sciences	Walter Jones	Dunlap Hall, D-435	714-564-6500
Human Services & Technology	Larisa Sergeyeva	Russell Hall, R-107	714-564-6800
Kinesiology, Health and Athletics	Courtney Doussett	Kinesiology Bldg, W-102	714-564-6900
Science, Math, and Health			
Sciences	Saeid Eidgahy	Science Center - SC-116	714-564-6600
Dual Enrollment Program	Dr. Nery	Administration Bldg, S-208	714-564-5230
Educational Services	Enrique Perez	RSCCD Room 350	714-480-7460
EMERGENCY	District Safety Staff	Security/Safety Bldg, X-100	714-564-6333
Emergency Services			
(Earthquake Preparedness)	Ralph Webb	RSCCD District Office	714-480-7330
English as a Second Language	VACANT	Dunlap Hall, D-435	714-564-6500
Environmental Safety/			
Crime Prevention	Ralph Webb	RSCCD District Office	714-480-7330
EOPS/CARE	Deisy C. Romero	Johnson Student Center, JSC-212	714-564-6232
Facility Reservations	Vacant	Administration Bldg, S-209-1	714-564-6227
Financial Aid	Robert Manson	Johnson Student Center, JSC-201	714-564-6242
Fire Technology	William Reardon	B-10	714-564-6845
Foundation	Christina Romero	Administration Bldg, S-201	714-564-6091
Freshman Success	Ann Lockhart	Administration Bldg, S-133	714-564-6416
Graduation	Graduation Staff	Administration Bldg, S-104	714-564-6089
Hazardous Materials	Ralph Webb	RSCCD District Office	714-480-7330
Health and Wellness Center	Rebecca Barnard	Johnson Student Center, JSC-110	714-564-6216
Honors Transfer Program	Kathy Patterson	Dunlap Hall, D-428	714-564-6528
Human Resources	Cheng Yu Hou	RSCCD District Office	714-480-7484
I-20 Form	Dao Nguyen	Johnson Student Center, JSC-208	714-564-6047
Information, General	Admissions/Records Staff	Administration Bldg, S-101	714-564-6000
International Students	Mark Liang	Johnson Student Center, JSC-208	714-564-6047
International Trade Assistance	Ruth Cossio-Muniz		714-564-5200
Learning Center	Kathy Walczak	Dunlap Hall, D-307	714-564-6569
Learning Skills Lab (Centennial			
Education Center)		CEC, D-101	714-241-5768
Library	Library Staff	Nealley Library	714-564-6700
Lost & Found	District Safety Staff	Security/Safety Bldg, X-100	714-564-6330
Math Center	Candice Lehman	Library Bldg L-204	714-564-5405
MESA (Math, Engineering,			
& Science Achievement)	MESA Staff	Library Bldg, L-206	714-564-6373
Nursing	Mary Steckler	Russell Hall, R-213	714-564-6825
Office of School & Community			
Partnerships		Administration Bldg, S-214	714-564-6970
Online Classes/Distance Education	Dr. Marvin Gabut	Cesar Chavez Bldg, A-101	714-564-6725
Outreach	Daniel Marquez	Administration Bldg, S-213	714-564-6141
Parking		Security/Safety Bldg, X-100	714-564-6330
Photo ID		Johnson Student Center, JSC-202	714-564-6965
Professional Development	Chamberly Chamberlain,		
	Vacant	Administration Bldg, S-201	714-564-6519

Psychological Services	Jill Kapil	Johnson Student Center, JSC-110	714-564-6216
Public Affairs & Publications (RSCCD)	Letitia Clark	RSCCD District Office	714-480-7500
Public Information Office	Dalilah Davaloz (Interim)	Administration Bldg, S-204	714-564-5527
Puente Program	Ann Lockhart	Administration Bldg, S-133	714-564-6416
RSCCD Foundation	Enrique Perez	RSCCD District Office, Room 350	714-480-7460
Registration	Registration Staff	Administration Bldg, S-101	714-564-6017
College Research	Daniel Martinez (Interim)	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	David Waters	Security/Safety Bldg, X-100	714-564-6330
Service Learning Program	Christina Kim Wagner	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	Martha Guerrero-Phlaum	Dunlap Hall D-432	714-564-6561
Speech Language Pathology Assistant Program	Monica Zarske	Hammond Hall, H-206	714-564-6668
Student Affairs	Gregory Toya	Administration Bldg, S-214-1	714-564-6970
Student Business Office (Office of) Student Life	Jennie Adams Jennifer De La Rosa	Johnson Student Center, JSC-202 Johnson Student Center, JSC-102	714-564-6430 714-564-6211
Student Entrepreneurship Program	Ruth Cossio-Muniz	Digital Media Center	714-564-5200
Student Government	Jordan Clark (Interim)	Johnson Student Center, JSC-103	714-564-6214
Student Leadership Institute	Jordan Clark (Interim)	Johnson Student Center, JSC-103	714-564-6214
Student Support Services Program (TRiO)	Veronica Hurtado	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)	Armando Soto	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	Vacant	Administration Bldg, S-133	714-564-6416
Upward Bound (TRiO)	Veronica Hurtado	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](http://sac.edu) • **SANTIAGO CANYON COLLEGE** [sccollege.edu](http://sccollege.edu)

**RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT** [rscdd.edu](http://rscdd.edu)

If You Can't Find What You Need In The List Above, Please Call 714-564-6017 (SAC) Or 714-628-4900 (SCC).

**ALTERNATE FORMATS**

Upon request, Santa Ana College materials will be available in alternate formats.

Please contact DSPS at 714-564-6295.

**CLASS SCHEDULE ALSO AVAILABLE ONLINE AT** [sac.edu](http://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.

## ADMISSIONS / REGISTRATION

### Step 1: APPLICATION

#### ADMISSIONS

#### CONTINUING STUDENTS

Continuing students who actively attended **Fall 2022 or Spring 2023** may complete registration online via SelfService.

#### NEW STUDENTS AND FORMER (RETURNING) STUDENTS

- Students enrolling for the first time or who are returning and did not attend since **Fall 2022** must complete an admission application by applying online at [sac.edu](http://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:** New and returning Special Admit students must bring the **Special Admit** form signed by the high school principal, and parent/ guardian. Continuing Special Admit Students must submit an **Add Card** for class registration. Due to 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–5:45pm • Friday, 8:00am–4:30pm (hours are subject to change)

#### 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 2022 or Spring 2023 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 Spring Intersession 2023 or Spring 2023 or Summer 2023 at SAC & SCC only.**
- Register via SelfService, [sac.edu](http://sac.edu)
- Students can check their individual registration start date on **Self-Service** prior to registration availability. Students can 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 submit 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 SAC or SCC. Submit an application online, [sac.edu](http://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 **Self-Service**. If you need help understanding your placement information, please email the Assessment Center at [assessment\\_center@sac.edu](mailto:assessment_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](http://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 Single Sign-On log in via email in approximately 3 days. Once you receive your Single Sign-On log in, you can view your registration date and locate your student ID number in **Self-Service**.

### REGISTRATION BY APPOINTMENT

Former Students and Other New Students

You may apply and enroll online – [sac.edu](http://sac.edu).

Students can view their registration date online via **Self-Service**.

### LATE REGISTRATION & ADD PERIOD

**August 21 – September 4, 2023**

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 4, 2023 for full-term classes, and 10% of the class for other non full-term classes. Please refer to section information via **Self-Service**.

### 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 **Self-Service** 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](http://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](http://sac.edu/finaid)

**It is the students responsibility to drop all classes. Once the semester begins, you will not be dropped for non-payment or be dropped automatically for non-attendance. If you do not attend the class after the semester begins you will owe the fees unless you drop the course(s) prior to the refund deadline. For late starting classes, please check **Self-Service** for the drop and refund deadlines.**

### 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 by **Monday, September 4, 2023**. 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 [Self-Service](#) by Monday, September 4, 2023 for full term classes 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 by **Monday, September 4, 2023**.

### ONLINE REGISTRATION & RECORDS

Visit the college website at [sac.edu](http://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 2022 or Spring 2023. 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.

### SELF-SERVICE REGISTRATION STEP-BY-STEP

1. Go to **[www.sac.edu/selfservice](http://www.sac.edu/selfservice)**
2. Log in with your Single Sign On User ID and Password.
3. Click on "**Student Planning**"
4. Click on "**Go to Plan & Schedule**"
5. Search courses through "**Search for courses...**"
6. Use "**Filter Results**" to narrow down course selection
7. Click on "**View Available Sections for...**"
8. Click on "**Add Section to Schedule**" and "**Add Section**"
9. Click "**Back to Plan & Schedule**"
10. Click "**Register**" to complete registration for the course
- 11. Pay immediately to keep your classes.**

### ONLINE COUNSELING

[sac.edu/counseling](http://sac.edu/counseling)

**FEES & TUITION**

FEE DESCRIPTION:	FEE	TOTAL
<p><b>ENROLLMENT FEE</b>                      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.</p>	\$46 X <hr style="width: 20%; margin: 0 auto;"/> units	\$
<p><b>BACCALAUREATE TUITION</b>                      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.</p>	\$84 X <hr style="width: 20%; margin: 0 auto;"/> units	\$
<p><b>NON-RESIDENT TUITION</b>                      Non-resident tuition: \$399.00 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.</p>	\$399 X <hr style="width: 20%; margin: 0 auto;"/> units	\$
<p><b>HEALTH FEE</b>                      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.</p>	\$19	\$
<p><b>TRANSPORTATION FEE</b>                      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).</p>	Full-time \$6.75 Part time \$5.75	\$
<p><b>REPRESENTATION FEE</b>                      \$2.00 (Fee is optional.)</p>	\$2	\$
<p><b>MATERIALS FEE</b>                      A materials fee may be required for a course. Check class listings in this publication for specific fees.</p>		\$
<b>OPTIONAL FEES:</b>		
<p><b>STUDENT LIFE &amp; LEADERSHIP FEE</b>                      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.</p>	\$10 (Optional)	\$
<p><b>PARKING FEE</b>                      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.   <b>Parking Permits are purchased online through <a href="#">Self-Service</a>.</b></p>	Regular Student: \$30 Fee Waiver Student: \$20 (Optional)	\$
	TOTAL:	\$

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 [Self-Service](#) 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

[Self-Service](#) 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 Monday, September 4, 2023, 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 SAC 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 as verified cases of accidents, illnesses, or other circumstances that might include documented changes in the student's economic situation or evidence that the student was unable to obtain essential student support services. Extenuating circumstances also include special consideration of specific factors associated with Veterans, CalWORKs, EOPS, and DSPS student status.

If you are a Foster Youth you are not be subject to loss of 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 ([studentaid.gov/h/apply-for-aid/fafsa](https://studentaid.gov/h/apply-for-aid/fafsa)) or California Dream Act Application ([dream.csac.ca.gov](https://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](http://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:

The college has not developed the prerequisite according to its established procedures or has not developed the prerequisite in accord with existing statutes.

1. The prerequisite is discriminatory or is being applied in a discriminatory fashion.
2. The College has not made the prerequisite course reasonably available.
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:
  - V. Communication Studies 100 (Introduction to Communication Studies), 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. Students should follow Plan B or Plan C (CSU version) 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: 2023-2024**

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, 140  
 Biology 109 or 109H, 109L, 111, 115, 149, 177, 190, 190L, 200, 211, 239, 259  
 Chemistry 109, 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 201 (Numbered 200 prior to F'23)

**B. SOCIAL AND BEHAVIORAL SCIENCES** (minimum 6 units)

**1. American Institutions** (minimum 3 units)

History 118, 120 or 120H, 121 or 121H  
 Political Science 101 or 101H

**2. Social Science Elective** (minimum 3 units)

Anthropology 100 or 100H  
 Asian American Studies 150  
 Black Studies 150  
 Chicano Studies 150  
 Child Development 107, 110  
 Criminal Justice 101 or 101H  
 Economics 120, 121  
 Ethnic Studies 102 or 102H, 150 or 150H  
 Geography 100 or 100H, 102 or 102H, 140, 155  
 History 101 or 101H, 102 or 102H  
 Kinesiology, Health Education 112  
 Law 100  
 Paralegal 100  
 Political Science 101 or 101H  
 Psychology 100 or 100H, 260, 270  
 Sociology 100 or 100H, 260, 270

**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  
 Dance 100 or 100H, 101, 104, 105  
 Digital Media 101, 102, 103, 104, 105, 107, 113, 164  
 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  
 Journalism and Media Studies 103, 105, 111  
 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 150  
 Black Studies 150  
 Chicano Studies 150  
 Child Development 221  
 Communication Studies 103 or 103H, 206 or 206H  
 English 104 or 104H, 245, 246, 278  
 Ethnic Studies 102 or 102H, 150 or 150H  
 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  
 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  
 Critical and Academic Reading 101, 102, 150  
 Digital Media 164  
 English 102 or 102H, 103 or 103H  
 Mathematics 078, 082, 083, 084, 105, 140, 140S, 141, 145, 150, 162, 170, 180, 185, 204, 219 or 219H, 219S, 221, 280, 287  
 Philosophy 110 or 110H, 111  
 Psychology 210

**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

1. 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:**  
Dance 102, 122A, 122B, 125A, 125B, 201A, 201B, 206A, 206B, 219A, 219B  
Kinesiology, Activities 107A, 107B, 107C, 123, 140A, 150A, 155A, 160A, 169A, 169B, 170A, 200A, 200B, 200C, 211A, 211B, 220A, 220B, 220C, 226A, 230A, 260A, 260B, 260C, 265A, 265B, 265C, 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, Fitness 112A, 112B, 112C, 114A, 114B, 115A, 115B, 115C, 147A, 147B  
Kinesiology, Intercollegiate Athletics 125, 128, 133, 171, 201, 202, 204, 206, 209, 210, 211, 212, 213, 216, 217, 218, 219, 220, 221, 223, 227, 230, 231, 232, 235, 240, 261, 262, 270, 271, 281, 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, Calculut 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 100 (Introduction to Communication Studies), 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 150 (Organizational Communication), 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 were made to this general education (GE) pattern effective Fall 2021. Area D, Social Sciences, was 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 or another California Community College or CSU campus prior to Fall 2021 should consult a SAC counselor for additional information.

## CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH (CSU GE)

### Plan B: 2023–2024 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/Quantitative 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 2023 and are valid through Summer 2024.**

#### TRANSFER CREDIT

1. Students may transfer up to 70 semester units to the CSU system. Sixty transferable units are needed for junior standing.
  2. All courses used for CSU transfer credit must be numbered 100 or above in the Santa Ana College catalog.
- A. English Language Communication and Critical Thinking** (minimum 9 semester/12 quarter units)  
The 9 units selected from this area must include at least one course each from A1, A2, and A3. Each course must be completed with a grade of "C" or better (C- is acceptable)

**A1: Oral Communication**

Communication Studies 100, 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

Critical and Academic Reading 150

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

- 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**

**Chemistry 109, 115, 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 **201** (Fall 2017 or later completion) (Numbered 200 prior to F'23)

**B3: Laboratory Activity**

Anthropology **101L**  
 Astronomy **140**  
 Biology **109L, 111, 115, 139, 149, 190L, 211, 212, 214, 229, 239, 249, 259**  
 Chemistry **109, 115, 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**  
 Psychology **201**

**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, 140S, 145, 150, 162, 180, 185, 204, 219 or 219H, 219S, 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  
 Journalism 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  
 English 102 or 102H, 220, 231, 232, 233A, 233B, 233C, 241, 242, 243, 245, 246, 270, 271, 272, 278  
 French 101, 102, 201 or 201H, 202 or 202H  
 History 101 or 101H, 102 or 102H, 150, 151, 153, 163  
 Interdisciplinary Studies 200  
 Italian 120, 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/8 quarter units)**

Anthropology 100 or 100H, 103, 104 or 104H, 105, 125  
 Asian American Studies 150\*  
 Biology 150  
 Black Studies 150\*  
 Chicano Studies 150\*  
 Child Development 107, 110  
 Communication Studies 103 or 103H, 206 or 206H  
 Computer Science 100  
 Counseling 150

Criminal Justice 101 or 101H  
 Economics 120, 121  
 English 104 or 104H, 245, 278  
 Environmental Studies 200  
 Ethnic Studies 102 or 102H, 150\* or 150H\*  
 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 155  
 Journalism and Media Studies 105, 111  
 Kinesiology, Health Education 112  
 Kinesiology, Professional 150  
 Law 100 (Fall 2019 or later completion)  
 Paralegal 100 (Fall 2020 or later completion)  
 Political Science **101 or 101H**, 200 or 200H, 201, 220, 235  
 Psychology 100 or 100H, 140, 157, 160, 170, 201 (Numbered 200 prior to F'23), 219, 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, Activities 107A, 107B, 107C, 123, 140A, 150A, 155A, 160A, 169A, 169B, 170A, 200A, 200B, 200C, 211A, 211B, 220A, 220B, 220C, 226A, 230A, 260A, 260B, 260C, 265A, 265B, 265C, 270A, 290A, 290B  
 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  
 Kinesiology, Fitness 112A, 112B, 112C, 114A, 114B, 115A, 115B, 115C, 147A, 147B  
 Kinesiology, Intercollegiate Athletics 125, 128, 133, 171, 201, 202, 204, 206, 209, 210, 211, 212, 213, 216, 217, 218, 219, 220, 221, 223, 227, 235, 240, 261, 262, 270, 271, 281, 291, 293

**F. Ethnic Studies**

(minimum 3 semester/4 quarter units)

NOTE: All courses below must have been completed Fall 2021 or later in order to fulfill Area F.

Asian American Studies 150\*  
 Black Studies 150\*  
 Chicano Studies 150\*  
 Ethnic Studies 102 or 102H, 150\* or 150H\*

\*Numbered 101 prior to Fall 2023

**Planning to Transfer?**

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Your official source for California articulation and student transfer information.



## INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

Significant changes were made to this general education (GE) pattern effective Fall 2023. Area 4, Social and Behavioral Sciences, was reduced from nine units to six. Area 7, Ethnic Studies, is a new three unit requirement. Students who began at SAC in Fall 2023 or later should follow the course pattern below. Students who began attending SAC or another California Community College or a CSU campus prior to Fall 2023 should consult a SAC counselor for additional information.

### Plan C: 2023–2024 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 2023 and are valid through Summer 2024.**

#### 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 100, 102\*\* or 102H\*\*, 103\*\* or 103H\*\*, 140, 145, 150

#### AREA 2A - MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING

1 course, 3 semester/4-5 quarter units.

Math 105, 140\*\*, 140S\*\*, 145, 150\*\*, 170\*\*, 180\*\*, 185, 219\*\* or 219H\*\*, 219S\*\*, 280, 287;

Psychology 210

##### Group A: Arts (minimum 1 course)

Art 100\*\* or 100H\*\*, 101, 102, 103, 104, 105, 106, 108

Dance 100\*\* or 100H\*\*, 101, 102, 104, 105

Digital Media 102, 103, 104, 107

Interdisciplinary Studies 121

Journalism and Media Studies 103

Music 101\*\* or 101H\*\*, 102\*\* or 102H\*\*, 103, 104, 105, 111

Photography 150

Theatre Arts 100, 105, 123 (Fall 2020 or later completion)

##### Group A: Arts (minimum 1 course)

Art 100\*\* or 100H\*\*, 101, 102, 103, 104, 105, 106, 108

Dance 100\*\* or 100H\*\*, 101, 102, 104, 105

Digital Media 102, 103, 104, 107

Interdisciplinary Studies 121  
Journalism and Media Studies 103  
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  
Digital Media 105  
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 102H\*\*, 195A, 195B, 201\*\* or 201H\*\*, 202\*\* or 202H\*\*  
Vietnamese 102

**AREA 4 - SOCIAL & BEHAVIORAL SCIENCES**

2 courses, 6 semester/8 quarter units from at least 2 academic disciplines.

Anthropology 100\*\* or 100H\*\*, 103, 104\*\* or 104H\*\*, 105, 125  
Asian American Studies 150  
Biology 200  
Black Studies 150  
Chicano Studies 150  
Child Development 107\*\*  
Communication Studies 206\*\* or 206H\*\*  
Criminal Justice 101\*\* or 101H\*\*  
Economics 120, 121  
English 104\*\* or 104H\*\*  
Environmental Studies 200  
Ethnic Studies 02\*\* or 102H\*\*, 150\*\* or 150H\*\*, 1  
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 155  
Journalism and Media Studies 105, 111  
Kinesiology, Health Education 112  
Law 100 (Fall 2020 or later completion)  
Paralegal 100 (Fall 2020 or later completion)  
Political Science 101\*\* or 101H\*\*, 200\*\* or 200H\*\*, 201, 220, 235  
Psychology 100\*\* or 100H\*\*, 140, 157\*\*, 160, 170, 201 (Numbered 200 prior to Fall 2023), 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\*\*  
Chemistry 109\*\*, 115, 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\*\*

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

Anthropology 101  
Biology 109\*\* or 109H\*\*, 111, 115, 139\*\*, 149 (Fall 2016 or later completion), 177, 190, 211\*\*, 212, 214, 229\*\*, 239, 249, 259  
Environmental Studies 259  
Psychology 201 (Fall 2017 or later completion) (numbered 200 prior to F'23)

**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

Chemistry 109\*\*, 115, 209\*\*, 210, 219\*\* or 219H\*\*, 229

Earth Science 115\*\*

Environmental Studies 259

Geography 101L

Geology 101L, 201

Physical Science 115, 118\*\*

Physics 109\*\*, 210\*\*, 211\*\*, 217\*\*, 227\*\*, 237\*\*, 279\*\*, 289\*\*

Psychology 201

**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, 210; 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 "O" 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.

**AREA 7 - ETHNIC STUDIES**

1 Course, 3 semester/ 4 quarter units

NOTE: All courses below must have been completed Fall 2023 or later in order to fulfill Area 7.

Asian American Studies 150

Black Studies 150

Chicano Studies 150

Ethnic Studies 102 or 102H, 150 or 150H

Reduction of units in Area 4 and inclusion of Area 7 takes effect for students matriculating at a California Community College beginning in Fall 2023.

**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 designated with an asterisk may be counted in one area only.

\*\* Indicates that transfer credit may be limited by either UC or CSU or both.

\*\*\* High school transcript must be on file in the admissions office.

**Planning to Transfer?**

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## 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 2023

	Section	Units	Course	Time	Days	Instructor	Room	
Puente	29082	4	ENGL 101	10:05a-12:10p	Tu Th	Kelley, S	D-101	C
	29792	2	CNSL 100	8:50a-9:55a	Tu Th	Lockhart, A	D-209	C
ULINK	29184	4	ENGL 101	1:15p-3:20p	Tu Th	Luja, A	D-309	C
	29855	3	CNSL 107	1:15p-4:25p	W	Beirne, C	A-128	C
ULINK	26729	3	CMST 102	8:30a-9:55a	M W	Cummings, R	I-103	C
	29857	3	CNSL 107	1:15p-4:25p	W	Santillan, R	I-108	C
ULINK	29218	4	ENGL 101H	10:05a-12:10p	Tu Th	Patterson, K	ZOOM	OL
	29869	3	ANTH 100H	1:00p-4:10p	M	Leroy, A	D-401	C
	29864	3	CNSL 107	1:15p-4:25p	W	Kelley, M	I-101	C

**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.**

## 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](http://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](http://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](http://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](http://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](http://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.

## STUDENT SERVICES

### ACADEMIC COMPUTING CENTER

Cesar Chavez A-106  
714-564-6731

[sac.edu/ACC](http://sac.edu/ACC)

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, phone, or in-person service. See [homepage](#) for details.
- Email us at [Adm\\_Records@sac.edu](mailto:Adm_Records@sac.edu) – submit documents or ask questions

### ADMISSIONS OFFICE SERVICE HOURS

MON –THURS: 8:00A TO 5:45P

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](http://sac.edu/StudentServices/StudentLife)

The Associated Students was established to provide students with government an Clubs/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](http://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](mailto: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](https://sac.edu/StudentServices/Counseling/CareerCenter)

The CAREER CENTER provides a variety of services and workshops to assist students in navigating The 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.

### **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 12:00p  
Pay fees online [sac.edu](https://sac.edu)

### **CENTER FOR TEACHER EDUCATION**

Administration Building, Room S-110  
714-564-6352  
teacher\_ed@sac.edu

[sac.edu/teachered](https://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 RSCCD staff when available. The Early Head Start (EHS) program is for low-income infants, toddlers, pregnant women and their families. Services are offered at the 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](https://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](https://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](https://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](https://sac.edu/StudentServices/digital-dons)

### **DISABILITY SERVICES**

Disabled Students Program & Services  
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, visit [sac.edu/StudentServices/DSPS](https://sac.edu/StudentServices/DSPS), come to the 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](mailto:EOPS@sac.edu)

EOPS provides 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 (In-person, Zoom, 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.

**FAINBARG CHASE THRIVE CENTER**

The Village VL-206 (714) 564-6458

[thrivecenter@sac.edu](mailto:thrivecenter@sac.edu)

[sac.edu/thrivecenter](http://sac.edu/thrivecenter)

Spring Hours: M/W/TH 10:00am - 12:00pm; 1:00pm - 6:00pm | F 10:00am - 12:00pm | Closed Tuesdays

The Fainbarg Chase Thrive Center is dedicated to supporting the healthy well-being of a diverse community of learners. Our center strives to help students establish a strong foundation physically, mentally, and academically through providing access to basic needs such as food, clothing, career workshops, and shelter. The program addresses significant disparities in food and housing security to increase health and improve academic performance.

**FINANCIAL AID**

Johnson Student Center, JSC-201

714-564-6242

[sac.edu/StudentServices/FinancialAid](http://sac.edu/StudentServices/FinancialAid)

Hours: Mon., Tue., Thurs. 8:00a-5:00p • Wed. 8:00a-5:00p • Fri. 8:00a-12:00 noon. Subject to change

The Financial Aid Office administers federal and state student aid programs designed to assist students who are unable to meet the cost of education. These programs include the 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 – Hours: Monday – Thursday 8:00a - 5:00p • Fri. 8:00a - 12:00p

Email: [SACHealth\\_Center@sac.edu](mailto:SACHealth_Center@sac.edu)

Please see the Catalog, visit [sac.edu/StudentServices/HealthCenter](http://sac.edu/StudentServices/HealthCenter)

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. Both face-to-face and Telehealth options are available for students.

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](http://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

Hours: Mon-Thur. 10:00am-7:00pm • Fri. 11:00am-4:00pm • Sat. 12:00-3:00pm

The Learning Center offers a wide selection of services including tutoring for a variety of subjects (English, math, science, etc.), workshops, DOTAs (Directed Online Tutoring Activities), and Conversation Circles to practice English speaking skills. Modern language tutoring is available at posted hours; tutoring for other subjects (except for writing tutoring) is by appointment only. Appointments can be made through Starfish or by calling the Learning Center. Writing tutors are available without an appointment to provide feedback on papers for any SAC or SCE class. To use the Learning Center, please go to the website at [sac.edu/learningcenter](http://sac.edu/learningcenter) and follow the directions to register on **Self-Service**. After registering, click the link in Step 2 on the Learning Center website; students can then access the Learning Center Online Tutoring class in Canvas. In Canvas, students will be able to access 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 SAC and SCE students. For more information or assistance, call the number listed above or email [llearningcenter@sac.edu](mailto:llearningcenter@sac.edu).

### MATH CENTER

Library Building L-204 (714) 564-6678

[Lehman\\_candice@sac.edu](mailto:Lehman_candice@sac.edu)

[sac.edu/MathCenter](http://sac.edu/MathCenter)

Spring Hours: Mon-Thur: 9:00am to 7:50pm | Friday: 10:00am–12:50pm | Saturday: 12:00pm–3:50pm

Free, walk-in tutoring & Math Workshops available to all SAC, CEC, and Middle College students. Math textbooks available for student use (in Math Center only.)

Graphing Calculators available for loan (with instructor permission only.)

### MESA (MATH, ENGINEERING, & SCIENCE ACHIEVEMENT)

714-564-6373

Available Online at [sac.edu/MESA](http://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 Services Hours:**

For most current hours please see the library website: [sac.edu/library](http://sac.edu/library)

**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. Research guides (LibGuides) are also used to point students to free and reliable web content and offer guidance on citing and research methods.

- **Research and Informational Assistance:** Nealley librarians and staff are available to respond to information and research assistance requests via in person, chat, email, Zoom, and phone. Details provided on the "Research Help"
- **Research Consultations:** Librarians are available to meet remotely or in person with students on an appointment basis for in-depth research consultations.
- **Textbook Reserves:** Some textbooks are available for student use within the library. To see if your textbook is available please search the "course reserves" area of the library website. Assistance is available in person, through chat or over the phone.
- **Library Research Workshops:** Students may participate in online library workshops: Finding Articles, Strategies for Online Searching, and Is it legit?: Navigating the Misinformation Landscape. For more information on how to enroll in these workshops via Canvas, visit our Online Workshops website.

### **SAC PROMISE**

Administration Building, Room S-107

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

Santa Ana College (SAC) Promise is an initiative of the Santa Ana Partnership and has expanded to serve all first-time freshmen. 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 by providing free tuition for your first-year studies. Additionally, SAUSD graduates receive guaranteed admission to CSU Fullerton and UC Irvine.

Contact:

Phone: 714-564-6067

Email: [sacpromise@sac.edu](mailto:sacpromise@sac.edu)

Remote services through Zoom during office hours

[sac.edu/StudentServices/SantaAnaCollegePromiseProgram/Pages/Contact-Us-Online.aspx](http://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](http://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](http://sac.edu/scholarships).

### **SCIENCE CENTER**

Science Center SC-103

All Biology, Chemistry, Earth Science, Geology, and Physics students

- Quiet place to study
- 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](mailto:studentoutreach@sac.edu)

[sac.edu/outreach](http://sac.edu/outreach)

Hours: Mon, Tues, Thurs, Fri 8:00a-5:00p • Wed 8:00a-7:00p

- 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
- [Self-Service](#), 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-203  
714-564-6201  
Hours: Mon.-Thur. 9:00a-3:00p  
Email: [jobplacement@sac.edu](mailto: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  
Hours: Mon.-Thur. 8:00a-5:30p • Fri. 8:00a-12:00 noon  
714-564-6843  
[sac.edu/sssp](http://sac.edu/sssp)  
Email: [trio\\_sssp@sac.edu](mailto: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](mailto:transfer_center@sac.edu)

Remote services through Zoom during office hours

[sac.edu/StudentServices/Counseling/Transfer/Pages/default.aspx](http://sac.edu/StudentServices/Counseling/Transfer/Pages/default.aspx)

### VETERANS RESOURCE CENTER (VRC)

Located in M-120

[sac.edu/StudentServices/VRC](http://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

## 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, Fully Online Live, Hybrid, Virtual Hybrid, On-Campus with Virtual Instruction, and On Campus classes:

- Access to classes will be available on Canvas, [sac.edu/Canvas](https://sac.edu/Canvas), 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 [Self-Service](#).
- 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](mailto:sac_disted@sac.edu)
- Information regarding online learning, Canvas help and Frequently Asked Questions can be found at our website: [sac.edu/disted](https://sac.edu/disted)

On campus required meeting dates, time and place, and instructor contact information can be found on Self-Service [sac.edu/selfservice](https://sac.edu/selfservice)



**FULLY ONLINE INSTRUCTION (O)** classes are distance education classes that meet 100% online with no scheduled meeting days. Students logon to Canvas at [sac.edu/Canvas](https://sac.edu/Canvas) and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.



**FULLY ONLINE LIVE (OL)** classes are distance education classes that only meet in scheduled live streaming Zoom meetings. Students logon to Canvas at [sac.edu/Canvas](https://sac.edu/Canvas) to attend class virtually on zoom during the published course times. Canvas and other technologies will be required to complete coursework.



**ONLINE & ON-CAMPUS MEETINGS (H)** classes are distance education classes that combine scheduled on-campus meetings and online instruction. Students will attend class on-campus during the published course times and will logon to Canvas at [sac.edu/Canvas](https://sac.edu/Canvas) and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.



**VIRTUAL HYBRID INSTRUCTION (VH)** classes are distance education classes that combine scheduled live streaming Zoom meetings and online instruction. Students will attend class virtually on Zoom during the published course times and will logon to Canvas at [sac.edu/Canvas](https://sac.edu/Canvas) and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.



**ON-CAMPUS WITH VIRTUAL INSTRUCTION (CV)** classes are distance education classes that combine scheduled on-campus and scheduled Zoom meetings. Students will attend class on-campus and will attend class virtually on zoom during the published course times and will logon to Canvas at [sac.edu/Canvas](https://sac.edu/Canvas). Canvas and other technologies will be required to complete coursework.



**ON-CAMPUS (C)** classes are on-campus and in-person with scheduled meeting days and times. Students will complete their course on campus.

## 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.

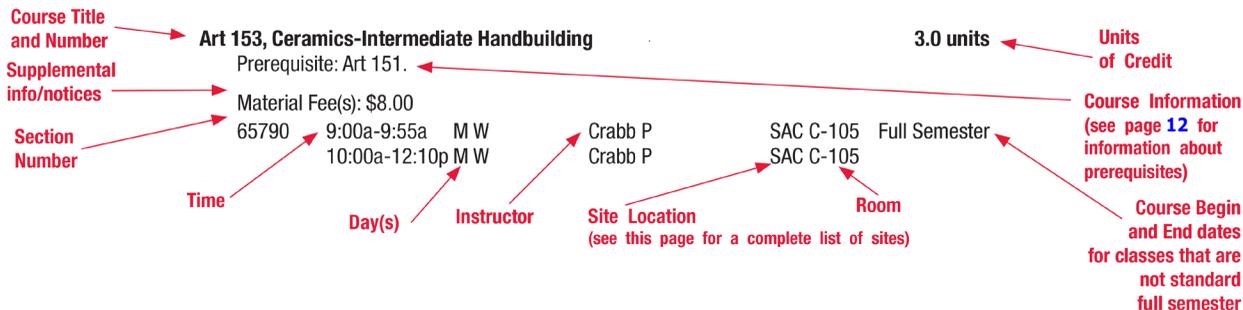
It may also be necessary to change instructors. Replacement faculty have academic freedom to choose instructional materials regardless of costs and are not obligated to use free course materials selected by an instructor previously assigned to the class.

**COURSE CODES**

ACCT	Accounting	INFO	Information Studies
ASL	American Sign Language	ITAL	Italian
ANTH	Anthropology	JAMS	Journalism and Media Studies
ART	Art	JAPN	Japanese
ASIA	Asian American Studies	KNAC	Kinesiology Activities
ASTR	Astronomy	KNAD	Kinesiology Adapted Activities
AUTO	Automotive Technology	KNAF	Kinesiology Aerobic Fitness
BANK	Banking	KNAQ	Kinesiology Aquatics
BIOL	Biology	KNFI	Kinesiology Fitness
BLST	Black Studies	KNHE	Kinesiology Health Education
BUS	Business	KNIA	Kinesiology Intercollegiate Athletics
BA	Business Applications	KNPR	Kinesiology Professional
CAR	Critical and Academic Reading	KNSM	Kinesiology Sports Medicine
CHEM	Chemistry	LAW	Law
CHST	Chicano Studies	LIBR	Library Technology
CDEV	Child Development	MGMT	Management
CHNS	Chinese	MNFG	Manufacturing Technology
CMST	Communication Studies	MKTG	Marketing
CMPR	Computer Science	MATH	Mathematics
CNSL	Counseling	MA	Medical Assistant
CJ	Criminal Justice	MUS	Music
CJA	Criminal Justice Academies	NCE	Nursing – Continuing Education
CULN	Culinary Arts	NRN	Nursing-Registered
DNCE	Dance	NUTR	Nutrition And Food
DSL	Diesel	OS	Occupational Studies
DM	Digital Media	OTA	Occupational Therapy Assistant
ERTH	Earth Science	PARA	Paralegal
ECON	Economics	PHAR	Pharmacy Technology
EDUC	Education	PHIL	Philosophy
EMT	Emergency Medical Technician	PHOT	Photography
ENGR	Engineering	PSC	Physical Science
ENGL	English	PHYS	Physics
EMLS	English For Multilingual Students	POLT	Political Science
ENTR	Entrepreneurship	PSYC	Psychology
ENVR	Environmental Studies		
ETHN	Ethnic Studies	SOC	Sociology
FDM	Fashion Design Merchandising	SPAN	Spanish
FAC	Fire Academy	SPEC	Special Services
FTC	Fire Technology	SLPA	Speech-Language Pathology Assistant
FREN	French	STDY	Study Skills
GEOG	Geography	THEA	Theatre Arts
GEOL	Geology	VIET	Vietnamese
HIST	History	WELD	Welding
IDS	Interdisciplinary Studies	WMNS	Women's Studies

## HOW TO READ THE COLLEGE CREDIT CLASS SCHEDULE

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



## LOCATION CODES

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

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



## Honors Program and Honors Courses

The Honors Transfer Program at Santa Ana College welcomes students who want to challenge themselves and offers honors sections of transferable general education courses, combined “stacked” classes, and contracts. The honors experience is characterized by close interaction with Honors Transfer Program faculty, small class size, and special projects and activities. See the current SAC catalog for more information or go to [Honors Program website](#) for more information

**🔥 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.

**C 29869 1:00p-4:10p M Leroy A SAC D-401 Full Semester**  
 ULINK Program ANTH 100H Section 29869 is linked to CNSL , Section 29864 and ENGL 101H, Section 29218. Enrollment in all sections is mandatory.

**🔥 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.

*Prerequisite: A college GPA or high school GPA for first term college students of 3.0 or higher; A high school or college GPA of 3.0 or above.*

**C 30182 8:30a-9:55a Tu Th Lopez J SAC I-203 Full Semester**

**🔥 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.

**C 26708 10:05a-11:30a M W Cummings R SAC I-103 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 Zero Textbook Cost (ZTC) class.

**🔥 CMST 103H, HONORS INTRODUCTION TO INTERCULTURAL COMMUNICATION 3.0 UNITS**

Enriched for honors students. In-depth, seminar format examination of sociological, psychological, and communication patterns of various cultural groups. Methods, skills, and techniques for effective intercultural and interracial communication. Stresses analytical thinking, speaking, and writing skills.

**C 28440 11:40a-1:05p M W Cummings R SAC I-103 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 Zero Textbook Cost (ZTC) class.

**🔥 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.

*EML 112 or ENGL 061 or ENGL 061X: 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.*

**O 29217 Bassett D SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**OL 29218 10:05a-12:10p Tu Th Patterson K SAC ZOOM Full Semester**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. ULINK Program Section: 29218-ENGL-101H is linked to Section: CNSL-107-29864 and ANTH-100H-29869. Enrollment in all sections is mandatory.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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Low Cost or Free Textbooks

OER

ZTC

Honors Courses:

HONORS

**🏷 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.

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

**C 29231 10:05a-12:10p Tu Th Axtell C SAC D-302 Full Semester**

**🏷 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.

*ENGL 101 or ENGL 101H: A college GPA or high school GPA for first term college students of 3.0 or higher and English 101 or English 101H with a minimum grade of C.*

**H 29246 11:00a-1:00p M Bennett G SAC HYBRID Full Semester Staff SAC I-109**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**🏷 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.

**C 28901 1:15p-2:40p Tu Th Lira S SAC D-201 Full Semester**

**🏷 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.

**16737 8:30a-9:55a M W Marr J SAC N-114 Full Semester**

**🏷 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.

**C 28787 8:30a-9:55a Tu Th Brocatto C SAC D-102 Full Semester**

**🏷 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.

**O 29452 Yimenu B SAC ONLINE Full Semester**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 100H, HONORS INTRODUCTION TO SOCIOLOGY 3.0 UNITS**

A seminar-style, content-enriched course to provide a critical and extensive exploration of the sociological perspective, methods, and theories of social interaction, stability and change. Focuses on the importance of sociology for understanding individuals in a social context and provides a comprehensive understanding of and scientific way of thinking about society.

**OL 29858 7:00a-8:25a Tu Th Campbell A SAC ZOOM Full Semester**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**🏷 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.

**O 29682 Galvan J SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**29703 Fiallo C SAC ONLINE Full Semester**

Fully online Instruction. Students are required to log into Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Section 29703 has been specifically designed for SPANISH SPEAKERS. This class requires the text "Mundo 21 hispano" with the electronic code for online lab materials.

**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.*

**29741 Guerrero-Phlaum M SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.

**VH 30756 Fuchs D SAC ONLINE Full Semester**

**4:25p-6:55p Tu Staff SAC ZOOM**

Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Tuesdays, 8/22, 9/19, 10/17, 11/14, and 12/5 from 4:25 p.m. -6:55 p.m. This class requires the text "Puntos de partida" with the electronic code for online lab materials. This section is a dual enrollment course for Middle College High School (MCHS).

**VH 30761 Goite A SAC ONLINE Full Semester**

**4:25p-6:55p Tu Staff SAC ZOOM**

Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Tuesdays, 8/22, 9/19, 10/17, 11/14, and 12/5 from 4:25 p.m. -6:55 p.m. This class requires the text "Puntos de partida" with the electronic code for online lab materials. This section is a dual enrollment course for Middle College High School (MCHS).

**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.*

**29754 Calderon A SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**SCHEDULE OF CLASSES****ACCOUNTING (ACCT)****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.

- 28929** **Jarjoura R** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

- 28930** **Bowman S** **SAC ONLINE** **08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 28931** **Bowman S** **SAC ONLINE** **10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

- 28941** **7:50a-9:55a** **M W** **McCallick M** **SAC A-209** **Full Semester**
- 28944** **6:00p-10:15p** **W** **Erlandson S** **SAC A-209** **Full Semester**
- 28934** **Trone J** **SAC ONLINE** **08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Online Degree Pathway course. Registration is open for all students.
- 28935** **Trone J** **SAC ONLINE** **08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Registration is open for all students.
- 28936** **Trone J** **SAC ONLINE** **08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- 28937** **Hoekstra T** **SAC ONLINE** **10/16-12/10**  
Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- 28938** **Bowman S** **SAC ONLINE** **10/16-12/10**  
Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- 28939** **Wilson S** **SAC ONLINE** **09/18-12/10**  
Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.

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Low Cost or  
Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

- O** **28940** **McCallick M** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- O** **28942** **Sung L** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- H** **28943** **Sung L** **SAC HYBRID** **08/21-10/15**  
 **10:05a-12:10p** **Tu Th** **Staff** **SAC A-211**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu) Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$10 material fee with no additional textbook cost.
- O** **28945** **Weinraub J** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- O** **28946** **Staff** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.

**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.*

- C** **28949** **10:05a-12:10p** **M W** **McCallick M** **SAC A-209** **Full Semester**
- O** **28947** **Trone J** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- O** **28948** **Trone J** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- O** **28950** **Phung T** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- OL** **28951** **10:05a-12:10p** **Tu Th** **Strong J** **SAC ZOOM** **10/16-12/10**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$10 material fee with no additional textbook cost.
- O** **30456** **Strong J** **SAC ONLINE** **09/18-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**30805** **McCallick M SAC ONLINE 08/21-10/15**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.

**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.

**28953** **Sung L SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**28954** **Sung L SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**28955** **Bowman S SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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

**28956** **Sung L SAC 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.

**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.

**28957** **Sung L SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**28958** **Sung L SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ACCT 120, QUICKBOOKS ONLINE 4.0 UNITS**  
 This course will instruct students on using QuickBooks Online software in the business environment for the preparation of accounting information. The course will cover accounting theory and practical knowledge of QuickBooks Online on topics that include company file setup, customizing QuickBooks, recording customer and vendor transactions, bank reconciliations, creation of accounting reports, customization, 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 Online Certified User exam.

**28932** **6:00p-10:15p Tu Jarjoura R SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**28933** **McCallick M SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**OL ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**28959** **Sung L** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

**ACCT 125, VOLUNTEER INCOME TAX ASSISTANCE (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.*

**28960** **6:00p-10:15p** **W** **Jarjoura R** **SAC ZOOM** **10/16-12/10**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.*

**28961** **Strong J** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.

**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.*

**28962** **Strong J** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**28623** **5:20p-7:25p** **M W** **Miller T** **SAC D-105** **Full Semester**

**28612** **Smith E** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**28613** **Vollmar J** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**28614** **Gamache D** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**28616** **Ruiz K** **SAC HYBRID** **Full Semester**

**10:05a-12:10p** **Th** **Staff** **SAC D-105**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

- H 28618** Ruiz K SAC HYBRID Full Semester  
 1:15p-3:20p Th Staff SAC D-105  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- O 28625** Smith E SAC ONLINE 08/21-10/15  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
- O 28629** McCrory R SAC ONLINE 08/21-10/15  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 28630** Loparo R SAC ONLINE 08/21-10/15  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 28631** Smith E SAC ONLINE 10/16-12/10  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
- O 28632** Vollmar J SAC ONLINE 10/16-12/10  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 28633** McCrory R SAC ONLINE 10/16-12/10  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

- O 28634** Arazi H SAC ONLINE 08/21-10/15  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
- O 28635** Arazi H SAC ONLINE 10/16-12/10  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**ASL 112, DEAF CULTURE**

**3.0 UNITS**

This course will cover basic information and research on Deaf culture, Deaf children and their upbringing, Deaf education, the importance of American Sign Language to the Deaf community, Deaf societies around the world and technological advances/usage of people who are deaf or hard of hearing. Focus will be on research and progress within the Deaf culture.

- O 28636** Arazi H SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ASL 114, CLASSIFIERS, FINGERSPELLING, AND NUMBERING**

**3.0 UNITS**

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

*Prerequisite: American Sign Language 210 with a minimum grade of C.*

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

 **28637** **Gamache D** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**ASL 116, INTRODUCTION TO DEAF STUDIES** **3.0 UNITS**  
 This is an introductory course exploring the cultural, educational, linguistic, sociological, psychological, 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.

 **28638** **Arazi H** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **28639** **Arazi H** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**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.*

 **28640** **Smith E** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

## ANTHROPOLOGY (ANTH)

**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.

 **29767** **8:35a-10:00a** **Tu Th** **Cundiff W** **SAC D-401** **Full Semester**  
 **29768** **1:00p-4:10p** **W** **Fini K** **SAC D-401** **Full Semester**  
 **29770** **Plascencia M** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **29771** **Evans T** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **29772** **Staff** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **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.

 **29869** **1:00p-4:10p** **M** **Leroy A** **SAC D-401** **Full Semester**  
 ULINK Program ANTH 100H Section 29869 is linked to CNSL , Section 29864 and ENGL 101H, Section 29218. Enrollment in all sections is mandatory.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

 **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**ANTH 101, INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY 3.0 UNITS**

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

**C 29773 10:05a-11:30a Tu Th Cundiff W SAC D-401 Full Semester**

**C 29774 11:40a-1:00p Tu Th Leroy A SAC D-401 Full Semester**

**O 29775 Robertson M SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29776 Robertson M SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29777 Robertson M SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29779 Cundiff W SAC ONLINE 10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29780 Evans T SAC ONLINE 10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29786 Robertson M SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ANTH 101L, BIOLOGICAL 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 in Anthropology 101.*

**C 29781 1:30p-4:40p Th Leroy A SAC D-401 Full Semester**

**O 29783 Robertson M SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29785 Robertson M SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29790 Robertson M SAC ONLINE 10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**O 29791 Cheetham D SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**O 29793 Staff SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

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**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

## 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

	<b>16004</b>	<b>11:00a-12:25p</b>	<b>Tu</b>	<b>Hostetter D</b>	<b>SAC C-208</b>	<b>Full Semester</b>
	<b>16008</b>	<b>1:30p-2:55p</b>	<b>W</b>	<b>Staff</b>	<b>SAC C-210</b>	<b>Full Semester</b>
	<b>16014</b>	<b>5:00p-6:25p</b>	<b>Th</b>	<b>Dufala C</b>	<b>SAC C-105</b>	<b>Full Semester</b>
	<b>16010</b>			<b>Orr E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

	<b>28030</b>			<b>Orr E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

	<b>28031</b>			<b>Orr E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

### ART 100, INTRODUCTION TO ART CONCEPTS

**3.0 UNITS**

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

	<b>16015</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Spies B</b>	<b>SAC C-104</b>	<b>Full Semester</b>
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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 Zero Textbook Cost (ZTC) class.

	<b>16018</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Foster E</b>	<b>SAC C-104</b>	<b>Full Semester</b>
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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 Zero Textbook Cost (ZTC) class.

	<b>16031</b>	<b>1:15p-2:40p</b>	<b>M W</b>	<b>Stone L</b>	<b>SAC A-130</b>	<b>Full Semester</b>
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	<b>16041</b>	<b>2:50p-4:15p</b>	<b>M W</b>	<b>Stone L</b>	<b>SAC A-130</b>	<b>Full Semester</b>
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	<b>16037</b>	<b>6:00p-7:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC A-130</b>	<b>Full Semester</b>
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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 Zero Textbook Cost (ZTC) class.

	<b>16017</b>			<b>Marquez P</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

	<b>16020</b>			<b>Soriano I</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

	<b>16025</b>			<b>Jones A</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Online Degree Pathway course. Registration is open for all students. 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.

	<b>16028</b>			<b>Soriano I</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

 **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or  
Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

 **16033** **Soriano I** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **16039** **Lourenco E** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **16052** **Monroe J** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **16054** **Monroe J** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **28033** **Nielsen C** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**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.*

 **16056** **10:05a-11:30a** **Tu Th** **Jones A** **SAC A-130** **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 Zero Textbook Cost (ZTC) class.

 **16055** **Wilson E** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ART 102, SURVEY OF WESTERN ART HISTORY II: RENAISSANCE TO TODAY 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.*

 **16059** **1:15p-2:40p** **Tu Th** **Jones A** **SAC A-130** **Full Semester**

 **28034** **Wilson E** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**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.

 **16060** **Wilson E** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**OL 16061 11:40a-1:05p Tu Th Soriano I SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**OL 16062 4:25p-7:35p M Soriano I SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**ART 105, HISTORY OF MODERN ART 3.0 UNITS**  
 History of painting, sculpture, architecture, prints, and applied arts from the late nineteenth century through the twentieth century. Covers the formal philosophic, spiritual, and historical background of art from Post Impressionism to Post Modernism. For general students and art majors.

**O 16064 Synicky C SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**ART 108, CONTEMPORARY ART HISTORY: ART SINCE MID-TWENTIETH CENTURY 3.0 UNITS**  
 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.

**O 16065 Synicky C SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ART 110, TWO-DIMENSIONAL DESIGN 3.0 UNITS**  
 Introduction to the principles and elements of two-dimensional design. Provides instruction in the fundamentals of visual communication including color theory, composition, and expression. Application of concepts through creative projects. Required for art majors.

**O 16066 Staff SAC ONLINE Full Semester**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**H 17373 Hostetter D SAC HYBRID Full Semester**  
**1:30p-3:35p Th SAC C-208**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**ART 111, THREE-DIMENSIONAL DESIGN 3.0 UNITS**  
 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.

**C 16072 10:05a-10:55a M W Dufala C SAC C-106 Full Semester**  
**11:05a-1:10p M W Dufala C SAC C-106**

**O 16067 Lourenco E SAC ONLINE Full Semester**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**ART 130, INTRODUCTION TO DRAWING 3.0 UNITS**  
 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.

**C 16097 10:15a-11:05a Tu Th Foster E SAC C-210 Full Semester**  
**11:15a-1:20p Tu Th Foster E SAC C-210**

**C 16114 1:30p-2:20p Tu Th Dufala C SAC C-106 Full Semester**  
**2:30p-4:35p Tu Th Dufala C SAC C-106**

**O 16074 Hostetter D SAC ONLINE Full Semester**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**H 17374 Hostetter D SAC HYBRID Full Semester**  
**10:00a-12:00p Th SAC C-208**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**28425** **Lierly M** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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

*Recommended Preparation: ART 130 with a minimum grade of C.*

<b>C</b>	<b>16102</b>	<b>10:00a-10:50a</b>	<b>M W</b>	<b>Hower T</b>	<b>SAC C-210</b>	<b>Full Semester</b>
		<b>11:00a-1:05p</b>	<b>M W</b>	<b>Hower T</b>	<b>SAC C-210</b>	
<b>C</b>	<b>16108</b>	<b>6:30p-7:20p</b>	<b>M W</b>	<b>Dupus S</b>	<b>SAC C-210</b>	<b>Full Semester</b>
		<b>7:30p-9:35p</b>	<b>M W</b>	<b>Dupus S</b>	<b>SAC C-210</b>	

**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.

**C** **19516** **Marquez P** **SAC C-101** **Full Semester**  
 108 hours arranged per semester.

**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 C.*

**C** **19517** **Marquez P** **SAC C-101** **Full Semester**  
 108 hours arranged per semester.

**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 C*

**C** **19518** **Marquez P** **SAC C-101** **Full Semester**  
 108 hours arranged per semester.

**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.

**O** **16120** **Orr E** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**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.*

**O** **16121** **Orr E** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**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.*

<b>C</b>	<b>16422</b>	<b>10:15a-11:05a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC C-208</b>	<b>Full Semester</b>
		<b>11:15a-1:20p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC C-208</b>	

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**16124** **Orr E SAC ONLINE Full Semester**  
Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**28186** **Orr E SAC ONLINE Full Semester**  
Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

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

**16122** **Orr E SAC ONLINE Full Semester**  
Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**ART 151, CERAMICS-INTRODUCTORY LEVEL 3.0 UNITS**  
Exploration of clay as a structural and creative material. Experiences include throwing on the potter's wheel and hand building. Instruction includes surface design, glazing, and experience in utilitarian forms. Students provide clay and tools.

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

**16432** **1:30p-2:20p M W Dufala C SAC C-105 Full Semester**  
**2:30p-4:35p M W Dufala C SAC C-105**

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

**16434** **6:30p-7:20p Tu Th Dufala C SAC C-105 Full Semester**  
**7:30p-9:35p Tu Th Dufala C SAC C-105**

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

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

**16435** **6:30p-7:20p Tu Th Dufala C SAC C-105 Full Semester**  
**7:30p-9:35p Tu Th Dufala C SAC C-105**

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

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

**16436** **6:30p-7:20p Tu Th Dufala C SAC C-105 Full Semester**  
**7:30p-9:35p Tu Th Dufala C SAC C-105**

**ART 159B, CERAMIC COLOR DECORATION: HIGH TEMPERATURE 3.0 UNITS**  
Exploration of surface color decoration on ceramic vessels within the realm of high stoneware temperatures. Emphasizes glazing techniques such as marbling, feathering, mishima, brush decoration, stencils, stamp printing, spraying, slip painting, glaze trailing, wax resist, and terra sigallata.  
*Prerequisite: Art 151 with a minimum grade of C.*

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

**16437** **6:30p-7:20p Tu Th Dufala C SAC C-105 Full Semester**  
**7:30p-9:35p Tu Th Dufala C SAC C-105**

**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 Art 195 or portfolio exhibiting equivalent skills to 3 units of entry-level digital design coursework.*

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

**OL** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**16440 Nielsen C SAC ONLINE Full Semester**  
Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**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 ART 162 or equivalent, as demonstrated in illustration portfolio.*

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

**16441 Nielsen C SAC ONLINE Full Semester**  
Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**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**

**16380 10:05a-11:30a M W Staff SAC A-223 Full Semester**  
**11:30a-12:00p M W Staff SAC A-223**

**16382 10:05a-11:30a Tu Th Fitch A SAC A-223 Full Semester**  
**11:30a-12:00p Tu Th Fitch A SAC A-223**

There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**16376 Gomez R SAC ONLINE 08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**16378 Pham T SAC ONLINE 10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**16442 Jones A SAC ONLINE Full Semester**  
Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

**17377 Synicky C SAC ONLINE Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

**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.*

**16099 10:15a-11:05a Tu Th Foster E SAC C-210 Full Semester**  
**11:15a-1:20p Tu Th Foster E SAC C-210**

**16116 1:30p-2:20p Tu Th Dufala C SAC C-106 Full Semester**  
**2:30p-4:35p Tu Th Dufala C SAC C-106**

**16091 Hostetter D SAC ONLINE Full Semester**  
Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**17375 Hostetter D SAC HYBRID Full Semester**  
**10:00a-12:00p Th SAC C-208**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**OL ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**28427** **Lierly M** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

<b>C</b>	<b>16104</b>	<b>10:00a-10:50a</b>	<b>M W</b>	<b>Hower T</b>	<b>SAC C-210</b>	<b>Full Semester</b>
		<b>11:00a-1:05p</b>	<b>M W</b>	<b>Hower T</b>	<b>SAC C-210</b>	
<b>C</b>	<b>16110</b>	<b>6:30p-7:20p</b>	<b>M W</b>	<b>Dupus S</b>	<b>SAC C-210</b>	<b>Full Semester</b>
		<b>7:30p-9:35p</b>	<b>M W</b>	<b>Dupus S</b>	<b>SAC C-210</b>	

**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.*

<b>C</b>	<b>16106</b>	<b>10:00a-10:50a</b>	<b>M W</b>	<b>Hower T</b>	<b>SAC C-210</b>	<b>Full Semester</b>
		<b>11:00a-1:05p</b>	<b>M W</b>	<b>Hower T</b>	<b>SAC C-210</b>	
<b>C</b>	<b>16111</b>	<b>6:30p-7:20p</b>	<b>Tu Th</b>	<b>Dupus S</b>	<b>SAC C-210</b>	<b>Full Semester</b>
		<b>7:30p-9:35p</b>	<b>Tu Th</b>	<b>Dupus S</b>	<b>SAC C-210</b>	

**ART 233, ADVANCED DRAWING** **3.0 UNITS**  
 To further develop individual expression and advanced skill sets in drawing. 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.*

<b>C</b>	<b>28424</b>	<b>10:15a-11:05a</b>	<b>Tu Th</b>	<b>Foster E</b>	<b>SAC C-210</b>	<b>Full Semester</b>
		<b>11:15a-1:20p</b>	<b>Tu Th</b>	<b>Foster E</b>	<b>SAC C-210</b>	
<b>C</b>	<b>28423</b>	<b>1:30p-2:20p</b>	<b>Tu Th</b>	<b>Dufala C</b>	<b>SAC C-106</b>	<b>Full Semester</b>
		<b>2:30p-4:35p</b>	<b>Tu Th</b>	<b>Dufala C</b>	<b>SAC C-106</b>	
<b>H</b>	<b>28415</b>	<b>10:00a-12:00p</b>	<b>Th</b>	<b>Hostetter D</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
					<b>SAC C-208</b>	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**28420** **Hostetter D** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**28428** **Lierly M** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

**16123** **Orr E** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**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.*

<b>C</b>	<b>16426</b>	<b>10:15a-11:05a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC C-208</b>	<b>Full Semester</b>
		<b>11:15a-1:20p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC C-208</b>	

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

- O **16125** Orr E SAC ONLINE Full Semester  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)
- O **28188** Orr E SAC ONLINE Full Semester  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**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.*

- C **16428** 10:15a-11:05a M W Staff SAC C-208 Full Semester  
11:15a-1:20p M W Staff SAC C-208
- O **16126** Orr E SAC ONLINE Full Semester  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)
- O **28189** Orr E SAC ONLINE Full Semester  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**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.  
*ART 152 or ART 153: Art 152 or Art 153 with a minimum grade of C.*  
**Material Fee(s): \$8.00**

- C **16443** 6:30p-7:20p Tu Th Dufala C SAC C-105 Full Semester  
7:30p-9:35p Tu Th Dufala C SAC C-105

**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.  
*ART 151: Art 151 with a minimum grade of C.*  
**Material Fee(s): \$8.00**

- C **16444** 6:30p-7:20p Tu Th Dufala C SAC C-105 Full Semester  
7:30p-9:35p Tu Th Dufala C SAC C-105

**ASIAN AMERICAN STUDIES (ASIA)**

**ASIA 150, INTRODUCTION TO ASIAN AMERICAN STUDIES 3.0 UNITS**

This course is an introduction to the field of Asian American Studies. A trans-disciplinary, multisectoral, and multidimensional approach will be employed to study Asian Americans' various experiences and their contributions to American society and culture utilizing the perspectives of race, nationality, class, gender, and sexuality. The course will cover historical and contemporary issues within Asian American communities, including immigration, anti-Asian violence, labor, unionization, and stereotypes.

- O **29394** Camacho J SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ASTRONOMY (ASTR)**

**ASTR 109, INTRODUCTION TO THE SOLAR SYSTEM 3.0 UNITS**

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

- C **29835** 10:05a-11:30a Tu Th Staff SAC SC-111 Full Semester
- C **29834** 1:15p-2:40p M W Staff SAC SC-111 Full Semester
- C **29836** 1:15p-4:15p Tu Th Staff SAC SC-111 10/16-12/10
- O **29831** Chakhad M SAC ONLINE Full Semester

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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C **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or  
Free Textbooks

 OER

 ZTC

Honors Courses:  
 HONORS

- 29832** **Chakhad M** **SAC ONLINE** **08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29833** **Chakhad M** **SAC ONLINE** **10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

- 29839** **11:40a-1:05p** **M W** **Staff** **SAC SC-111** **Full Semester**
- 29837** **Staff** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29838** **Staff** **SAC ONLINE** **10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 30620** **Staff** **SAC ONLINE** **Full Semester**  
This is a Dual Enrollment class designed for Century High School students only.

**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.*

- 29840** **1:15p-4:15p** **Th** **Staff** **SAC SC-312** **Full Semester**  
 There are no additional textbook costs for this ZTC class.
- 29841** **7:35p-10:35p** **Th** **Staff** **SAC SC-312** **Full Semester**  
 There are no additional textbook costs for this ZTC class.

**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.

- 26163** **Rudd J** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

- 26166** **8:00a-10:30a** **W** **Staff** **SAC J-102** **Full Semester**  
**10:40a-12:05p** **W** **Staff** **SAC J-103**  
This class meets on-campus.
- 26167** **3:45p-5:00p** **M W** **Andreasen K** **SAC J-102** **Full Semester**  
 **5:10p-5:55p** **M W** **Andreasen K** **SAC J-103**  
 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. Dual enrollment class designed for high school students only.
- 26169** **6:00p-8:30p** **M** **Staff** **SAC J-102** **Full Semester**  
**8:40p-10:05p** **M** **Staff** **SAC J-103**  
This class meets on-campus.
- 26171** **6:00p-8:30p** **W** **Staff** **SAC J-102** **Full Semester**  
**8:40p-10:05p** **W** **Staff** **SAC J-103**  
This class meets on-campus.

**OL** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**H 26164** **Rudd J** **SAC HYBRID** **08/21-10/15**  
**8:00a-11:10a Tu** **Rudd J** **SAC J-101**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.*

**C 26172** **6:00p-8:05p Tu Th** **Bittner M** **SAC J-101** **Full Semester**  
**8:15p-10:20p Tu Th** **Bittner M** **SAC J-103**  
 This class meets on-campus.

**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.*

**H 26173** **Rudd J** **SAC HYBRID** **08/21-11/12**  
**8:00a-11:30a M W** **Rudd J** **SAC J-101**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.*

**C 26174** **1:00p-2:25p M W** **Staff** **SAC J-102** **Full Semester**  
**2:35p-5:05p M W** **Staff** **SAC J-103**  
 This class meets on-campus.

**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.*

**C 26175** **6:00p-7:25p M W** **Staff** **SAC J-102** **Full Semester**  
**7:35p-10:05p M W** **Staff** **SAC J-103**  
 This class meets on-campus.

**AUTO 115A, BRAKES LECTURE 3.0 UNITS**

This course will cover the theory of operation, diagnosis, and function of drum, disc, and anti-lock brake systems used on modern vehicles. This course assists the student in preparation for the A5 (Brakes) ASE certification exam. Field trips may be required.

**O 26176** **Bittner M** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**AUTO 115B, BRAKES LAB 1.5 UNITS**

This course will cover the 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.

*AUTO 115A: Concurrent enrollment or completion with a grade of "C" or better or a Passing grade in Automotive Technology 115A.*

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

<b>C</b>	<b>26177</b>	<b>7:30a-12:55p</b>	<b>M</b>	<b>Bittner M</b>	<b>SAC J-102</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>26179</b>	<b>12:00p-5:50p</b>	<b>Tu Th</b>	<b>Bittner M</b>	<b>SAC J-101</b>	<b>10/16-12/10</b>
				This class meets on-campus.		

**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.*

<b>C</b>	<b>26180</b>	<b>6:00p-8:05p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC J-101</b>	<b>Full Semester</b>
		<b>8:15p-10:20p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC J-101</b>	
				This class meets on-campus.		

**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.*

<b>C</b>	<b>26181</b>	<b>1:00p-3:05p</b>	<b>M W</b>	<b>Rudd J</b>	<b>SAC J-101</b>	<b>Full Semester</b>
		<b>3:15p-5:20p</b>	<b>M W</b>	<b>Rudd J</b>	<b>SAC J-103</b>	
				This class meets on-campus.		

**AUTO 119, LIGHT VEHICLE DIESEL ENGINES**

**3.0 UNITS**

This course will introduce the applications of modern light duty diesel engines. American and German engine systems will be covered, including common rail fuel injection, turbochargers, and diesel emission systems. Field trips may be required.

<b>C</b>	<b>26183</b>	<b>1:00p-3:30p</b>	<b>Tu Th</b>	<b>Bittner M</b>	<b>SAC J-101</b>	<b>08/21-10/15</b>
		<b>3:40p-5:05p</b>	<b>Tu Th</b>	<b>Bittner M</b>	<b>SAC J-101</b>	
				This class meets on-campus.		

**AUTO 216, ELECTRICAL SYSTEMS**

**5.0 UNITS**

Theory, operation, and diagnosis of automotive body electrical systems. Use of wiring diagrams is highlighted, with a concentration on electrical accessories. Ohm's law and electromagnetism will also be covered. Safe and correct use of tools and equipment in the shop by students is emphasized. This course assists students in preparation for the A6 (Electrical/Electronics) ASE certification exam. Students must furnish approved safety glasses. Field trips may be required.

*Recommended Preparation: Automotive Technology 102 is recommended.*

<b>H</b>	<b>26184</b>			<b>Roper D</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
		<b>8:00a-8:50a</b>	<b>Tu Th</b>	<b>Roper D</b>	<b>SAC J-101</b>	
		<b>9:00a-11:05a</b>	<b>Tu Th</b>		<b>SAC J-101</b>	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**AUTO 221, MOPAR ELECTRICAL PHASE 1**

**3.0 UNITS**

This course will cover the basic electrical systems of Mopar vehicles, which include Chrysler, Dodge, Jeep, Ram, Fiat, and Alfa Romeo. Topics include electrical theory, series and parallel circuits, digital multimeters, batteries, starters, alternators, wiring diagrams, and specific Mopar electrical diagnostics. This course is meant for students in the Mopar Career Automotive Program (CAP). A field trip to a Mopar Dealership may be required.

*Recommended Preparation: Automotive Technology 220 is recommended.*

<b>H</b>	<b>27481</b>			<b>Roper D</b>	<b>SAC HYBRID</b>	<b>08/21-10/15</b>
		<b>1:15p-2:15p</b>	<b>Tu Th</b>	<b>Roper D</b>	<b>SAC J-102</b>	
		<b>2:25p-5:35p</b>	<b>Tu Th</b>		<b>SAC J-102</b>	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**AUTO 222, MOPAR ENGINE REPAIR & MAINTENANCE**

**3.0 UNITS**

This course will cover engines and maintenance on Mopar vehicles, which include Chrysler, Dodge, Jeep, Ram, Fiat, and Alfa Romeo. Topics include the four-stroke cycle, engine components, engine compression, engine leak-down, turbochargers, engine maintenance, filters, oils, and specific Mopar engine maintenance procedures. This course is meant for students in the Mopar Career Automotive Program (CAP).

*Recommended Preparation: Automotive Technology 220 is recommended.*

<b>H</b>	<b>27482</b>			<b>Roper D</b>	<b>SAC HYBRID</b>	<b>10/16-12/10</b>
		<b>1:15p-2:15p</b>	<b>Tu Th</b>	<b>Roper D</b>	<b>SAC J-102</b>	
		<b>2:25p-5:35p</b>	<b>Tu Th</b>	<b>Roper D</b>	<b>SAC J-102</b>	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**AUTO 283, AUTOMOTIVE DIAGNOSTIC SKILLS**

**3.0 UNITS**

This course covers the use of automotive diagnostic equipment such as scan tools, digital multimeters, lab scopes, and various testing equipment. Test procedures and diagnostics will be emphasized. Hands-on applications will be required in lab activities. Field trips may be required.

*Recommended Preparation: Completion of at least 6 units of automotive courses.*

<b>C</b>	<b>26188</b>	<b>8:00a-10:05a</b>	<b>Sa</b>	<b>Duque J</b>	<b>SAC J-102</b>	<b>Full Semester</b>
		<b>10:15a-1:25p</b>	<b>Sa</b>	<b>Duque J</b>	<b>SAC J-103</b>	

This class meets on-campus.

**AUTO 299, AUTOMOTIVE COOPERATIVE WORK EXPERIENCE**

**1.0 - 4.0 UNITS**

This work experience course of supervised employment assists students to acquire desirable work habits, attitudes, and skills in automotive mechanical repair. 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: Completion of at least 6 units of Automotive Technology courses with a minimum grade of C.*

<b>O</b>	<b>30545</b>			<b>Roper D</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There will be 300 hours arranged for the semester. Variable unit course. 1-4 units. Depending on hours completed.

<b>O</b>	<b>30547</b>			<b>Roper D</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There will be 300 hours arranged for the semester. Variable unit course. 1-4 units. Depending on hours completed.

**BIOLOGY (BIOL)**

**BIOL 109, FUNDAMENTALS OF BIOLOGY**

**3.0 UNITS**

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

<b>C</b>	<b>30157</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Lopez J</b>	<b>SAC R-128</b>	<b>Full Semester</b>
<b>C</b>	<b>30179</b>	<b>8:30a-11:30a</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC R-128</b>	<b>Full Semester</b>
<b>C</b>	<b>30180</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Lopez J</b>	<b>SAC I-203</b>	<b>Full Semester</b>
<b>C</b>	<b>30159</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Lopez J</b>	<b>SAC R-128</b>	<b>Full Semester</b>
<b>C</b>	<b>30178</b>	<b>7:35p-10:35p</b>	<b>M</b>	<b>Staff</b>	<b>SAC R-124</b>	<b>Full Semester</b>
<b>O</b>	<b>30183</b>			<b>Oertel P</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>30184</b>			<b>Oertel P</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>30185</b>			<b>Takahashi M</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>30186</b>			<b>Morris A</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**30189** Morris A SAC ONLINE 08/21-10/15  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**30190** Morris A SAC ONLINE 08/21-10/15  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

*Prerequisite: A college GPA or high school GPA for first term college students of 3.0 or higher; A high school or college GPA of 3.0 or above.*

**30182** 8:30a-9:55a Tu Th Lopez J SAC I-203 Full Semester  
**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.

*Prerequisite: Concurrent enrollment or completion with a grade of "C" or better or a Passing grade in Biology 109 or Biology 109H.*

**30199** 8:30a-11:30a F Staff SAC SC-218 Full Semester

**30200** 8:30a-11:30a Sa Jang C SAC SC-218 Full Semester

**30195** 10:05a-1:05p M Beltran J SAC SC-218 Full Semester

**30197** 10:05a-1:05p Tu Lopez J SAC SC-218 Full Semester

**30202** 11:45a-2:45p Sa Jang C SAC SC-218 Full Semester

**30196** 1:15p-4:15p M Lopez J SAC SC-218 Full Semester

**30625** 1:50p-4:50p W Staff SAC SC-218 Full Semester

This is a Dual Enrollment class designed for Middel College High School students only.

**30198** 7:35p-10:35p W Staff SAC SC-218 Full Semester

**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.

**30203** 10:05a-11:30a Tu Th Morris A SAC SC-208 Full Semester

6:55a-9:55a Tu Staff SAC SC-226

**BIOL 128, NATURAL HISTORY OF THE CALIFORNIA COAST** 1.0 UNIT

An ecological study of plant and animal life of the southern and central California coast. This is a field study course with overnight camping required.

**31658** TBA Morris A SAC FLTRP 09/22-10/20

4:00p-5:00p F Staff SAC SC-226 09/22-09/22

4:00p-5:00p F Staff SAC SC-226 10/20-10/20

MANDATORY Pre-trip orientation mtg Friday, 9/22/23, 4:00p-5:00p, SAC SC-226. Field trip: Fri, 10/6/23 9:00a through Sun, 10/8/23 9:00p. MANDATORY Post-trip mtg Friday, 10/20/23, 4:00p-5:00p, SAC SC-226. This class has outdoor, overnight camping.

**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.

**30207** 10:05a-1:05p W Barrios A SAC R-126 Full Semester

6:55a-9:55a W Barrios A SAC SC-213

**OL** ONLINE: Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** FULLY ONLINE LIVE: Fully Online Live Instruction - Live streaming instruction via Zoom

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**VH** VIRTUAL HYBRID: Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** ON CAMPUS W/VIRTUAL: On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** ON-CAMPUS: On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

<b>C</b>	<b>30208</b>	<b>10:05a-1:05p</b>	<b>W</b>	<b>Barrios A</b>	<b>SAC R-126</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>W</b>	<b>Barrios A</b>	<b>SAC SC-213</b>	
<b>C</b>	<b>30204</b>	<b>7:35p-10:35p</b>	<b>Tu</b>	<b>Barrios A</b>	<b>SAC R-126</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>M</b>	<b>Barrios A</b>	<b>SAC SC-213</b>	
<b>C</b>	<b>30205</b>	<b>7:35p-10:35p</b>	<b>Tu</b>	<b>Barrios A</b>	<b>SAC R-126</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>W</b>	<b>Barrios A</b>	<b>SAC SC-213</b>	

**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.

<b>C</b>	<b>30621</b>	<b>8:30a-9:30a</b>	<b>M Tu W</b>	<b>Staff</b>	<b>GHS</b>	<b>08/21-12/21</b>
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This is a Dual Enrollment class designed for Godinez High School students only.

<b>C</b>	<b>30622</b>	<b>9:35a-10:35a</b>	<b>M Tu W</b>	<b>Staff</b>	<b>GHS</b>	<b>08/21-12/21</b>
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This is a Dual Enrollment class designed for Godinez High School students only.

<b>O</b>	<b>30211</b>			<b>Jang C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**BIOL 194, QUALITY AND REGULATORY COMPLIANCE IN BIOSCIENCES**

**2.0 UNITS**

This course will cover quality assurance and regulatory compliance for the bioscience industries. Topics will span quality control and Federal Drug Administration (FDA) regulations for the biotechnology, biopharmaceutical, biomedical device, and food industries. Theories and application of quality assurance and quality control will be presented and several different quality systems will be discussed such as cGXP (current Good Practices), ISO9000 (International Standards Organization), Six Sigma and Lean.

<b>O</b>	<b>32487</b>			<b>Takahashi M</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**BIOL 195, BIOTECH: QC/QA MICROBIOLOGY**

**2.0 UNITS**

This course will cover the skills necessary to work in a regulated quality control microbiology laboratory. Prerequisite: Biology 229 with a minimum grade of C.

<b>H</b>	<b>32488</b>			<b>Takahashi M</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>W</b>	<b>Takahashi M</b>	<b>SAC SC-212</b>	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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

<b>C</b>	<b>30212</b>	<b>TBA</b>		<b>Jang C</b>	<b>SAC</b>	<b>Full Semester</b>
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**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.

<b>C</b>	<b>30213</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC I-203</b>	<b>Full Semester</b>
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**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.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

<b>C</b>	<b>30216</b>	<b>1:15p-2:40p</b>	<b>Tu Th</b>	<b>Dinh-Mahavongtrakul M</b>	<b>SAC SC-113-1</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>Tu Th</b>	<b>Dinh-Mahavongtrakul M</b>	<b>SAC SC-212</b>	
<b>C</b>	<b>30217</b>	<b>1:15p-2:40p</b>	<b>Tu Th</b>	<b>Dinh-Mahavongtrakul M</b>	<b>SAC SC-113-2</b>	<b>Full Semester</b>
		<b>2:50p-5:50p</b>	<b>Tu Th</b>	<b>Dinh-Mahavongtrakul M</b>	<b>SAC SC-212</b>	

**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.*

<b>C</b>	<b>30220</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Morris A</b>	<b>SAC SC-208</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>M W</b>	<b>Morris A</b>	<b>SAC SC-226</b>	

**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 139, or 149, or 211, or 239, or 249, or Chemistry 119 or Chemistry 209 with a minimum grade of C.*

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

<b>C</b>	<b>30227</b>	<b>1:15p-2:40p</b>	<b>Tu Th</b>	<b>Oertel P</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>6:55a-9:55a</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC SC-216</b>	
<b>C</b>	<b>30228</b>	<b>1:15p-2:40p</b>	<b>Tu Th</b>	<b>Oertel P</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>Tu Th</b>	<b>Oertel P</b>	<b>SAC SC-216</b>	
<b>C</b>	<b>30229</b>	<b>1:15p-2:40p</b>	<b>Tu Th</b>	<b>Oertel P</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>4:25p-7:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC SC-226</b>	
<b>C</b>	<b>30222</b>	<b>2:50p-4:15p</b>	<b>M W</b>	<b>Takahashi M</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC SC-216</b>	
<b>C</b>	<b>30223</b>	<b>2:50p-4:15p</b>	<b>M W</b>	<b>Takahashi M</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>4:25p-7:25p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC SC-216</b>	
<b>C</b>	<b>30230</b>	<b>6:00p-9:00p</b>	<b>F</b>	<b>Takahashi M</b>	<b>SAC SC-208</b>	<b>Full Semester</b>
		<b>8:35a-2:45p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC SC-216</b>	

**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 prosected cadaver as available.

<b>C</b>	<b>30245</b>	<b>8:00a-11:00a</b>	<b>Sa</b>	<b>Nair A</b>	<b>SAC SC-208</b>	<b>Full Semester</b>
		<b>11:15a-2:15p</b>	<b>Sa</b>	<b>Nair A</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30231</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Hampton J</b>	<b>SAC R-124</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>M</b>	<b>Hampton J</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30232</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Hampton J</b>	<b>SAC R-124</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>W</b>	<b>Hampton J</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30233</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Hampton J</b>	<b>SAC R-124</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>W</b>	<b>Hampton J</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30234</b>	<b>10:05a-1:05p</b>	<b>Tu</b>	<b>Nair A</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>6:55a-9:55a</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30235</b>	<b>10:05a-1:05p</b>	<b>Tu</b>	<b>Nair A</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30236</b>	<b>10:05a-1:05p</b>	<b>Tu</b>	<b>Nair A</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>Th</b>	<b>Hampton J</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30243</b>	<b>11:15a-2:15p</b>	<b>Sa</b>	<b>Hampton J</b>	<b>SAC SC-111</b>	<b>Full Semester</b>
		<b>8:00a-11:00a</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30244</b>	<b>11:15a-2:15p</b>	<b>Sa</b>	<b>Hampton J</b>	<b>SAC SC-111</b>	<b>Full Semester</b>
		<b>2:30p-5:30p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC SC-217</b>	

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

<b>C</b>	<b>30240</b>	<b>4:25p-7:25p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>4:25p-7:25p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30241</b>	<b>4:25p-7:25p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30242</b>	<b>4:25p-7:25p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30237</b>	<b>7:35p-10:35p</b>	<b>W</b>	<b>Nair A</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>M</b>	<b>Staff</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30238</b>	<b>7:35p-10:35p</b>	<b>W</b>	<b>Nair A</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC SC-217</b>	
<b>C</b>	<b>30239</b>	<b>7:35p-10:35p</b>	<b>W</b>	<b>Nair A</b>	<b>SAC R-128</b>	<b>Full Semester</b>
		<b>4:25p-7:25p</b>	<b>W</b>	<b>Nair A</b>	<b>SAC SC-217</b>	

**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.*

<b>C</b>	<b>30246</b>	<b>10:05a-1:05p</b>	<b>Tu</b>	<b>Beltran J</b>	<b>SAC R-124</b>	<b>Full Semester</b>
		<b>6:55a-9:55a</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC SC-213</b>	
<b>C</b>	<b>30247</b>	<b>10:05a-1:05p</b>	<b>Tu</b>	<b>Beltran J</b>	<b>SAC R-124</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC SC-213</b>	
<b>C</b>	<b>30250</b>	<b>11:15a-2:15p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC R-126</b>	<b>Full Semester</b>
		<b>8:00a-11:00a</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC SC-213</b>	
<b>C</b>	<b>30251</b>	<b>11:15a-2:15p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC R-126</b>	<b>Full Semester</b>
		<b>2:30p-5:30p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC SC-213</b>	
<b>C</b>	<b>30248</b>	<b>4:25p-7:25p</b>	<b>Th</b>	<b>Nair A</b>	<b>SAC R-124</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC SC-213</b>	
<b>C</b>	<b>30249</b>	<b>4:25p-7:25p</b>	<b>Th</b>	<b>Nair A</b>	<b>SAC R-124</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC SC-213</b>	

**BUSINESS (BUS)**

**BUS 080, 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.

<b>O</b>	<b>29885</b>			<b>Nguyen K</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.					

**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.

<b>C</b>	<b>29332</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Ursuy C</b>	<b>SAC A-203</b>	<b>Full Semester</b>
	Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.					
<b>C</b>	<b>29338</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Shweiri G</b>	<b>SAC A-205</b>	<b>Full Semester</b>
	Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.					
<b>C</b>	<b>29346</b>	<b>10:35a-12:00p</b>	<b>M W</b>	<b>Carr B</b>	<b>SAC A-207</b>	<b>Full Semester</b>
	Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.					
<b>C</b>	<b>29347</b>	<b>10:35a-12:00p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC A-207</b>	<b>Full Semester</b>
	Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.					

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

 **29335** **Shweiri G** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

 **29339** **Kowsari A** **SAC HYBRID** **08/21-10/15**  
 **10:05a-11:30a** **Tu Th** **Staff** **SAC A-203**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

 **29340** **Kowsari A** **SAC ONLINE** **08/21-10/15**  
 **6:00p-8:00p** **W** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

 **29343** **Shweiri G** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

 **29349** **Staff** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

**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.

 **29736** **10:05a-11:30a** **M W** **Staff** **SAC A-130** **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. 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)

 **29653** **10:20a-11:45a** **Tu Th** **Robinson K** **SAC ZOOM** **Full Semester**  
  Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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)

 **29652** **11:40a-1:05p** **Tu Th** **Staff** **SAC A-130** **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. 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)

 **29654** **6:00p-9:10p** **W** **Keller P** **SAC A-130** **Full Semester**  
 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)

 **29644** **Staff** **SAC ONLINE** **10/16-12/10**  
  Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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)

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

 **29645** **Harman J** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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)

 **29646** **Smith K** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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)

 **29647** **Staff** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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)

 **29648** **Smith K** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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)

 **29650** **Robinson K** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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)

 **29651** **Sauber D** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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)

 **30448** **Staff** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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)

**BUS 103, COOPERATIVE WORK EXPERIENCE-OCCUPATIONAL 1.0 - 4.0 UNITS**

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

Open Entry / Open Exit

 **29350** **Solares E** **SAC 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.

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 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**29351 Solares E SAC ONLINE 09/18-12/10**  
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

**29352 Solares E SAC ONLINE 10/16-12/10**  
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

**BUS 104, COOPERATIVE WORK EXPERIENCE-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

**29353 Solares E SAC 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.

**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.

**29734 10:05a-11:30a M W Staff SAC A-130 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. BUS 105 is the same as LAW 105 - students can receive credit for only one class BUS 105 OR LAW 105.

**29636 10:20a-11:45a Tu Th Robinson K SAC ZOOM Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

**29643 11:40a-1:05p Tu Th Staff SAC A-130 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. BUS 105 is the same as LAW 105 - students can receive credit for only one class BUS 105 OR LAW 105.

**29638 6:00p-9:10p W Keller P SAC A-130 Full Semester**  
BUS 105 is the same as LAW 105 - students can receive credit for only one class BUS 105 OR LAW 105.

**29559 Staff SAC ONLINE 10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29560 Harman J SAC ONLINE Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29561 Smith K SAC ONLINE 08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**OL ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OLL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

 **29632** **Staff** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

 **29633** **Smith K** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

 **29634** **Robinson K** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

 **29642** **Sauber D** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

 **30447** **Staff** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

 **29354** **Kowsari A** **SAC HYBRID** **10/16-12/10**  
**10:05a-11:30a Tu Th** **Staff** **SAC A-203**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.

 **29379** **Shweiri G** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

 **29355** **Staff** **SAC ONLINE** **10/16-12/10**  
**6:00p-8:00p Tu** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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.

 **29358** **Staff** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

 **29361** **Shweiri G** **SAC ONLINE** **08/21-10/15**  
 **6:00p-8:00p** **W** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

**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.

 **29363** **Kilroy M** **SAC ONLINE** **10/16-12/10**  
 **6:00p-8:00p** **W** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

 **29369** **8:30a-9:25a** **Tu W Th** **Scanlon B** **VHS** **Full Semester**  
 **29370** **9:35a-10:30a** **Tu W Th** **Scanlon B** **VHS** **Full Semester**  
 **29366** **6:00p-8:00p** **W** **Staff** **SAC ONLINE** **10/16-12/10**  
**SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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 083 or Mathematics 084 or with a minimum grade of C or Intermediate algebra or equivalent, or a qualifying profile based on multiple measures.*

 **28963** **Strong J** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**28964** **Hoekstra T SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29065 8:35a-10:00a M W Garrison E SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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 Zero Textbook Cost (ZTC) class.

**29064 Davis K SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29066 Nguyen H SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29067 Davis K SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29068 Gadalla A SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**BUS 170, PRINCIPLES OF SMALL BUSINESS MANAGEMENT 3.0 UNITS**  
 Practical business skills needed to start and operate a small business. Includes information on risk management, site location, legal aspects, financing, budgeting, merchandising, promotion, and management techniques.

**29373 Kowsari A SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**BUS 222, BUSINESS WRITING 3.0 UNITS**  
 Overview of oral and written communication skills used in business. Emphasizes guidelines for improving writing and speaking skills, common solutions to common communication problems, ethical issues facing business communicators today, instructions on how to identify areas of legal vulnerability, and tested techniques for communicating successfully in today's high-tech, international business environment.

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

**29375 10:05a-11:30a M W Ursus C SAC A-203 Full Semester**  
 Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

**29376 Damon S SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

**29377 Damon S SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

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Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

 **29378** **Mostajeran Y SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

**BUSINESS APPLICATIONS (BA)**

**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.

 **29882** **Finn E SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**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.

 **29883** **De la Torre L SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**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.

 **29884** **Nguyen K SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

**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.

 **29886** **Skaggs T SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **29887** **Skaggs T SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 letters, resumes, and reports. This course will prepare the student for the Microsoft Office Specialist (MOS) Word and Word Expert exams to earn industry recognized certifications to validate technical skills for employers.

Software Utilized: MS Word 2019

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

 **29888** **Morgan A** **SAC ONLINE** **08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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) Outlook exam to earn an industry recognized certification to validate technical skills for employers.

 **29889** **Skaggs T** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **29890** **Morgan A** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**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 industry terminology, written and verbal translation techniques, professional role, and code of ethics. Fluency in Spanish and English is strongly recommended.

 **29892** **3:30p-4:55p** **W Th** **Vargas C** **SAC ZOOM** **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. There is no additional textbook cost for this ZTC class.

 **29891** **De la Torre L** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 communications, industry terminology, forms, Individualized Educational Plan (IEP) form, social media, marketing, advertising, presentations, government documents, professional role, standards, and code of ethics. Fluency in Spanish and English is strongly recommended.

 **29893** **De la Torre L** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this Zero Textbook Cost (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.

 **29894** **Strong N** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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.

 **29698** **Strong N SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

 **29895** **Nguyen K SAC ONLINE 09/18-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**BA 141, BUSINESS INTERPRETATION AND TRANSLATION - VIETNAMESE / ENGLISH 3.0 UNITS**  
 Business Vietnamese 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 communications, industry terminology, forms, Individualized Educational Plan (IEP) form, social media, marketing, advertising, presentations, government documents, professional role, standards, and code of ethics. Fluency in Vietnamese and English is strongly recommended.

 **29896** **Nguyen F SAC ONLINE 09/18-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**BA 142, MEDICAL INTERPRETATION AND TRANSLATION - VIETNAMESE / ENGLISH 3.0 UNITS**  
 Medical Vietnamese 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 Vietnamese and English is strongly recommended.

 **30441** **Luu T SAC ONLINE 09/18-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

 **29897** **Morgan A SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**BA 147, MICROSOFT WINDOWS, ONEDRIVE & 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

 **29898** **Morgan A SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**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.

 **29899** **Strong N** **SAC ONLINE** **10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **29900** **Andrus E** **SAC ONLINE** **08/21-10/15**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**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.

 **29901** **Johnson R** **SAC ONLINE** **10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **29902** **Martin T** **SAC HYBRID** **08/21-10/15**

 **5:30p-7:30p** **Th** **Staff** **SAC G-TENN**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu) There is no additional textbook cost for this ZTC class. Drones provided in class. First class meets in A-130. All other class meetings will be at the Tennis Courts.

**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.

 **29903** **Ostrowski E** **SAC HYBRID** **08/21-10/15**

 **5:30p-7:30p** **W** **Staff** **SAC G-TENN**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu) There is no additional textbook cost for this ZTC class. Drones provided in class. First class meets in A-130. All other class meetings will be at the Tennis Courts.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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.

 **29904** **Martin T** **SAC ONLINE** **10/16-11/12**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class. No flying of drones in this course.

**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.

 **29905** **Dumon D** **SAC ONLINE** **10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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 Professional (ACP) exam to earn an industry-recognized certification.

Software Utilized: Adobe Photoshop CC

 **29906** **Dumon D** **SAC ONLINE** **08/21-10/15**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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

 **29907** **Dumon D** **SAC ONLINE** **10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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 Professional (ACP) exam to earn an industry-recognized certification.

Software Utilized: Adobe InDesign CC

 **29908** **Dumon D** **SAC ONLINE** **10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**BA 171, ADOBE PREMIERE PRO**

**3.0 UNITS**

Learn to use Adobe Premiere Pro, the industry-leading video editing software, to create professional business and marketing video projects for web sites and social media. Learn with step-by-step, project-based lessons using all the tools and proper techniques based on current business standards. This course will prepare the student for the Adobe Certified Professional (ACP) Premiere Pro exam to earn an industry certificate to validate technical skills for employers.

 **29909** **Dumon D** **SAC ONLINE** **08/21-10/15**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**BA 172, ADOBE AFTER EFFECTS**

**3.0 UNITS**

Learn how to use Adobe After Effects to create professional motion graphics and video effects for business presentations, company profiles, and marketing projects for web and social media. Learn with step-by-step, project-based lessons using all the tools and proper techniques based on current business standards to create, manipulate, and optimize multimedia projects. This course will prepare the student for the Adobe Certified Professional (ACP) After Effects exam to earn an industry certificate to validate technical skills for employers.

**29910** **Ostrowski E** **SAC ONLINE** **10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

Software Utilized: MS Office 2019

**29913** **7:30a-8:30a** **Tu W Th** **Lee C** **CHS** **Full Semester**

**29911** **Morgan A** **SAC ONLINE** **08/21-10/14**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**29912** **Morgan A** **SAC ONLINE** **09/18-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**29914** **Morgan A** **SAC ONLINE** **10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29920** **Luu T** **SAC ONLINE** **10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

**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 charts, sorting, filtering, functions, and formulas. This course will prepare the student for the Microsoft Office Specialist (MOS) Excel exam to earn an industry recognized certification to validate technical skills for employers.

Software Utilized: MS Excel 2019

**29915** **Morgan A** **SAC ONLINE** **08/21-10/15**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**29916** **Morgan A** **SAC ONLINE** **10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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 to validate technical skills for employers.

Software Utilized: MS Excel 2019

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

- 29917** **Andrus E** **SAC ONLINE** **10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29918** **Andrus E** **SAC ONLINE** **10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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 transitions, animation, and inserting infographics, charts, tables, images, videos, and audio. This course will prepare the student for the Microsoft Office Specialist (MOS) PowerPoint exam to earn an industry recognized certification to validate technical skills for employers.

Software Utilized: MS PowerPoint 2019

- 29919** **Morgan A** **SAC ONLINE** **10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CHEMISTRY (CHEM)**

**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.

- 29921** **Pratt C** **SAC HYBRID** **Full Semester**  
**10:05a-11:35a M W** **Pratt C** **SAC SC-316**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**CHEM 209, INTRODUCTORY CHEMISTRY**

**4.0 UNITS**

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

*MATH 083 or MATH 084: Mathematics 083 or Mathematics 084 with a minimum grade of C.*

<b>C</b>	<b>30029</b>	<b>8:30a-11:30a</b>	<b>F</b>	<b>Khong S</b>	<b>SAC SC-113-1</b>	<b>Full Semester</b>
		<b>12:00p-3:00p</b>	<b>F</b>	<b>Khong S</b>	<b>SAC SC-326</b>	
<b>C</b>	<b>30030</b>	<b>8:30a-11:30a</b>	<b>F</b>	<b>Khong S</b>	<b>SAC SC-113-2</b>	<b>Full Semester</b>
		<b>3:30p-6:30p</b>	<b>F</b>	<b>Khong S</b>	<b>SAC SC-326</b>	
<b>C</b>	<b>30025</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Raval G</b>	<b>SAC SC-308</b>	<b>Full Semester</b>
		<b>6:55a-9:55a</b>	<b>W</b>	<b>Raval G</b>	<b>SAC SC-326</b>	
<b>C</b>	<b>29922</b>	<b>1:15p-2:40p</b>	<b>M W</b>	<b>Fimbres M</b>	<b>SAC SC-113-1</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>M</b>	<b>Fimbres M</b>	<b>SAC SC-326</b>	
<b>C</b>	<b>29923</b>	<b>1:15p-2:40p</b>	<b>M W</b>	<b>Fimbres M</b>	<b>SAC SC-113-2</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>W</b>	<b>Fimbres M</b>	<b>SAC SC-326</b>	
<b>C</b>	<b>30028</b>	<b>1:15p-2:40p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC SC-308</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC SC-326</b>	
<b>C</b>	<b>30035</b>	<b>1:15p-4:15p</b>	<b>M W</b>	<b>Law D</b>	<b>SAC SC-126</b>	<b>10/16-12/10</b>
		<b>1:15p-4:15p</b>	<b>Tu Th</b>	<b>Law D</b>	<b>SAC SC-316</b>	
<b>C</b>	<b>29926</b>	<b>4:25p-5:50p</b>	<b>Tu Th</b>	<b>Eberts J</b>	<b>SAC SC-308</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>Tu</b>	<b>Littlejohn S</b>	<b>SAC SC-326</b>	
<b>C</b>	<b>30027</b>	<b>7:35p-10:35p</b>	<b>M</b>	<b>Yamada T</b>	<b>SAC SC-308</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>W</b>	<b>Yamada T</b>	<b>SAC SC-316</b>	
<b>C</b>	<b>30031</b>	<b>7:35p-10:35p</b>	<b>Tu</b>	<b>Tran V</b>	<b>SAC SC-308</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>Th</b>	<b>Tran V</b>	<b>SAC SC-326</b>	

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

<b>H</b>	<b>29924</b>	<b>1:15p-4:15p</b>	<b>M</b>	<b>Littlejohn S</b> <b>Eberts J</b>	<b>SAC HYBRID</b> <b>SAC SC-326</b>	<b>Full Semester</b>
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a>						
<b>H</b>	<b>29925</b>	<b>10:05a-1:05p</b>	<b>Tu</b>	<b>Jenkins C</b> <b>Littlejohn S</b>	<b>SAC HYBRID</b> <b>SAC SC-326</b>	<b>Full Semester</b>
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a>						
<b>H</b>	<b>30024</b>	<b>4:25p-7:25p</b>	<b>Tu</b>	<b>Littlejohn S</b> <b>Littlejohn S</b>	<b>SAC HYBRID</b> <b>SAC SC-316</b>	<b>Full Semester</b>
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a>						
<b>H</b>	<b>30026</b>	<b>4:25p-7:25p</b>	<b>Th</b>	<b>Littlejohn S</b> <b>Nguyen F</b>	<b>SAC HYBRID</b> <b>SAC SC-316</b>	<b>Full Semester</b>
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a>						

**CHEM 210, GENERAL, ORGANIC AND BIOCHEMISTRY** **5.0 UNITS**

An introduction to the fundamental concepts of general, organic and biochemistry for majors in nursing and other allied health majors. Includes atomic structure, nuclear chemistry, bonding, solutions, acids and bases, organic nomenclature, hydrocarbons, alcohol, aldehydes, ketones, carboxylic acids, carbohydrates, proteins, lipids, nucleic acids and metabolism.

*CHEM 209 and MATH 083 or MATH 084: Chemistry 209 and Mathematics 083 or Mathematics 084 with a minimum grade of C.*

<b>C</b>	<b>30039</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC SC-113-1</b>	<b>Full Semester</b>
		<b>6:55a-9:55a</b>	<b>W</b>	<b>Staff</b>	<b>SAC SC-317</b>	
<b>C</b>	<b>30036</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Trieu T</b>	<b>SAC SC-113-1</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>Tu</b>	<b>Trieu T</b>	<b>SAC SC-317</b>	
<b>C</b>	<b>30038</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Trieu T</b>	<b>SAC SC-113-2</b>	<b>Full Semester</b>
		<b>7:35p-10:35p</b>	<b>Th</b>	<b>Trieu T</b>	<b>SAC SC-317</b>	

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

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

*Prerequisite: Mathematics 080 or Mathematics 081 or Mathematics 084 with a minimum grade of C and Chemistry 209 with a minimum grade of C or a passing score on current chemistry placement test.*

<b>C</b>	<b>30040</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>McAdam J</b>	<b>SAC SC-208</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>M W</b>	<b>McAdam J</b>	<b>SAC SC-311</b>	
<b>C</b>	<b>30058</b>	<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC SC-308</b>	<b>Full Semester</b>
		<b>6:55a-9:55a</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC SC-311</b>	
<b>C</b>	<b>30049</b>	<b>11:40a-1:05p</b>	<b>Tu Th</b>	<b>Chen C</b>	<b>SAC SC-308</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>Tu Th</b>	<b>Chen C</b>	<b>SAC SC-311</b>	
<b>C</b>	<b>30042</b>	<b>5:00p-6:25p</b>	<b>M W</b>	<b>Visco L</b>	<b>SAC SC-113-1</b>	<b>Full Semester</b>
		<b>1:15p-4:15p</b>	<b>M W</b>	<b>Vo Luong M</b>	<b>SAC SC-311</b>	
<b>C</b>	<b>30045</b>	<b>5:00p-6:25p</b>	<b>M W</b>	<b>Visco L</b>	<b>SAC SC-113-2</b>	<b>Full Semester</b>
		<b>7:00p-10:00p</b>	<b>M W</b>	<b>Visco L</b>	<b>SAC SC-311</b>	

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

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

*Prerequisite: Chemistry 219 or Chemistry 219H with a minimum grade of C.*

<b>C</b>	<b>30069</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>McAdam J</b>	<b>SAC SC-208</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>Tu Th</b>	<b>McAdam J</b>	<b>SAC SC-317</b>	
<b>C</b>	<b>30065</b>	<b>1:15p-2:40p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC SC-208</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC SC-317</b>	

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Low Cost or  
Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **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 at various stages according to developmental theories. (No credit if a student has taken Psychology 157.)

<b>C</b>	<b>29965</b>	<b>8:35a-10:00a</b>	<b>Tu Th</b>	<b>Cota V</b>	<b>SAC V-150</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29966</b>	<b>8:35a-10:00a</b>	<b>M W</b>	<b>Kusumo J</b>	<b>SAC V-150</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29968</b>	<b>10:20a-11:45a</b>	<b>Tu Th</b>	<b>Kusumo J</b>	<b>SAC V-150</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29961</b>	<b>6:30p-9:40p</b>	<b>W</b>	<b>Nunez Y</b>	<b>SAC V-150</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>O</b>	<b>29956</b>			<b>Naman T</b>	<b>SAC ONLINE</b>	<b>08/21-10/01</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29957</b>			<b>Naman T</b>	<b>SAC ONLINE</b>	<b>09/25-11/05</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29958</b>			<b>Naman T</b>	<b>SAC ONLINE</b>	<b>10/22-12/10</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29959</b>			<b>Kimmel M</b>	<b>SAC ONLINE</b>	<b>08/28-10/08</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29960</b>			<b>Kimmel M</b>	<b>SAC ONLINE</b>	<b>10/16-11/26</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>VH</b>	<b>29962</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	<b>11:15a-12:45p</b>	<b>W</b>		<b>Staff</b>	<b>SAC ZOOM</b>	
	Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.					
<b>VH</b>	<b>29963</b>			<b>Navarro M</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	<b>1:30p-3:30p</b>	<b>W</b>		<b>Staff</b>	<b>SAC ZOOM</b>	
	Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.					
<b>VH</b>	<b>29964</b>			<b>Castro V</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	<b>6:30p-9:40p</b>	<b>M</b>		<b>Staff</b>	<b>SAC ZOOM</b>	
	Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.					
<b>VH</b>	<b>29969</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>09/18-12/10</b>
	<b>6:00p-8:30p</b>	<b>Th</b>		<b>Staff</b>	<b>SAC ZOOM</b>	
	Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.					
<b>O</b>	<b>29970</b>			<b>Naman T</b>	<b>SAC ONLINE</b>	<b>10/09-11/19</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>H</b>	<b>29972</b>			<b>Vargas R</b>	<b>SAC HYBRID</b>	<b>10/02-12/10</b>
	<b>9:00a-11:30a</b>	<b>Sa</b>		<b>Staff</b>	<b>SAC V-150</b>	
	On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> .					

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or  
Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**O 29973** **Becerra C SAC ONLINE 10/30-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CDEV 108, OBSERVATION AND ASSESSMENT FOR EARLY LEARNING AND DEVELOPMENT (DS3) 3.0 UNITS**

Introduces the appropriate use of assessment and observation tools and strategies to document young children's development and learning. The use of findings to inform and plan learning environments and experiences are emphasized. Recording strategies, rating systems, portfolios, and multiple assessment tools will be discussed along with strategies for collaboration with families and professionals.

*CDEV 107: Child Development 107 with a minimum grade of C. By the 1st week of the class, verification of the state-mandated Tdap vaccination, MMR immunization, flu vaccine, negative TB test, and statement of good health is required.*

**OL 29975 8:35a-11:45a Tu Lopez R SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**OL 29976 8:35a-11:45a Lopez R SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**H 29974 6:00p-8:00p M Cox K SAC HYBRID Full Semester**  
**Staff SAC V-150**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

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

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

**29983 10:00a-1:10p Th Trahan Grissom L SAC V-151 Full Semester**  
 This class meets on-campus.

**VH 29977 6:30p-8:30p Tu Nunez Y SAC ONLINE Full Semester**  
**Staff SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**O 29978 Norton J SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29979 Norton J SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**VH 29982 3:00p-4:30p Tu Th Ashline J SAC ONLINE Full Semester**  
**Staff SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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. Students will explore the evolution of professional practices promoting advocacy, ethics, and professional identity. Students will be required to complete a minimum of 30 hours in an early childhood lab school setting.

*CDEV 108 and CDEV 110: Child Development 108 and Child Development 110 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.*

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**VH 29984** **Seneviratne A** **SAC ONLINE** **08/21-10/15**  
**6:30p-8:15p** **Tu** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**VH 29985** **Salinas K** **SAC ONLINE** **10/16-12/10**  
**5:00p-6:30p** **Th** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**VH 29988** **Staff** **SAC ONLINE** **08/21-10/15**  
**6:00p-9:00p** **M** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

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

Developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of children’s development, theories of learning and development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support children’s development and learning integrated throughout the indoor and outdoor settings. Students will be required to complete a minimum of 30 hours in an early childhood lab school setting.

*CDEV 108 and CDEV 111A: Child Development 108 and Child Development 111A with a minimum grade of C. By the 1st week of the class, verification of the state-mandated Tdap vaccination, MMR immunization, flu vaccine, negative TB test, and statement of good health is required.*

**VH 29989** **Mc Innish A** **SAC ONLINE** **10/16-12/10**  
**6:00p-9:00p** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**CDEV 112, HEALTH, SAFETY, AND NUTRITION FOR CHILDREN 3.0 UNITS**

Laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher’s role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines, and overall risk management.

*Prerequisite: By the 1st week of the class, verification of the state-mandated Tdap vaccination, MMR immunization, flu vaccine, negative TB test, and statement of good health is required.*

**O 29990** **Vargas R** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29991** **Vargas R** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**C 30475** **5:00p-7:05p** **Tu** **Staff** **SAC I-108** **08/21-10/15**

**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.

*CDEV 107 and CDEV 108: 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.*

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

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**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**VH 29992** King T SAC ONLINE 08/21-10/15  
 6:30p-8:30p W Staff SAC ZOOM  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.*

**VH 29993** King T SAC ONLINE 10/16-12/10  
 6:30p-8:30p W Staff SAC ZOOM  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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 diversity issues. Not offered every semester.

**H 29994** Salmond M SAC HYBRID Full Semester  
 8:30a-9:30a Th Staff CYHS  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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 related to the growth and development of children and developmentally appropriate practices. Emphasis will be on basic knowledge and practice within a wide variety of current and emerging technologies and will focus on how to integrate them into the learning environment.

**O 29995** Naman T SAC ONLINE 10/09-11/19  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**VH 29996** Ashline J SAC ONLINE 09/18-12/10  
 10:00a-11:30a Tu Th Staff SAC ZOOM  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**CDEV 206, CURRICULUM AND INTERVENTION STRATEGIES FOR CHILDREN WITH SPECIAL NEEDS 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 to meet children’s individualized needs 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.  
*CDEV 205: Child Development 205 with minimum grade of C.*

**O 29997** Kass D SAC ONLINE 10/16-12/10  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

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Honors Courses:

 HONORS

**CDEV 207, SUPPORTING AND EMPOWERING FAMILIES OF CHILDREN WITH SPECIAL NEEDS 3.0 UNITS**

This course will provide teachers, intervention assistants, administrators, and parents with the tools necessary to support and empower families of children with disabilities and other special needs in early childhood and school-age programs. Techniques, strategies, and resources will be provided to support children in a natural and/or inclusive educational setting and to help guide parents to be advocates of their children.

*Prerequisite: Child Development 205 with a minimum grade of C.*

**VH 29998** Ashline J SAC ONLINE 09/18-12/10  
 1:00p-2:30p Tu Th Staff SAC ZOOM

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.

**H 30000** Nguyen L SAC HYBRID 08/21-10/15  
 6:00p-9:20p M Staff SAC I-104  
 6:00p-9:20p W Staff SAC ZOOM

On-Campus Hybrid and Virtual Instruction. A combination of on-campus and live streaming meetings during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.

**VH 30001** Deussenberry J SAC ONLINE 10/16-12/10  
 6:00p-8:30p M Staff SAC ZOOM

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

**O 30002** Cordova M SAC ONLINE Full Semester

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CDEV 221, LIVING AND TEACHING IN A DIVERSE SOCIETY 3.0 UNITS**

Examines the impact of various societal influences on the development of children’s personal and social identity. Covers developmentally appropriate, inclusive, culturally relevant, and anti-bias approaches. Self-examination and reflection on issues related to social identity, stereotypes, and biases will be explored.

**C 30004** 8:35a-11:45a Th Robinson K SAC V-151 Full Semester  
 This class meets on-campus.

**O 30003** Becerra C SAC ONLINE 08/21-10/15

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 30005** Seneviratne A SAC ONLINE 10/16-12/10

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**O 30006** Lamourelle C SAC ONLINE 08/21-10/01

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks



Honors Courses:



**CDEV 230, CHILD GUIDANCE AND CLASSROOM MANAGEMENT**

**2.0 UNITS**

This course will define and explore developmentally appropriate expectations about young children’s behavior. Students will learn the importance of the educator’s knowledge about discipline strategies, effective communication skills, high-quality teacher and child interactions and the development of a skill set to address behavior issues and implement discipline strategies which are in alignment with the undesirable classroom behaviors. Behavior expectations will be defined and research-based behavioral observation skills, strategies, and assessments will be explored that best support children’s various behaviors. Each student will create a community resource file of service agencies to include accessible behavior management resource materials that support teachers and students challenged with behavioral issues in the classroom. It is advised that students take this course in conjunction with working in a classroom setting.

**O 30007** **Lamourelle C SAC ONLINE 10/30-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

*Recommended Preparation: By the 1st week of the semester, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.*

**O 30008** **Kimmel M SAC ONLINE 08/21-10/15**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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. In addition, students will identify strategies to help teachers effectively use intentional, child-focused, and content-driven curriculum. Students will also learn to be responsive to cultural diversity, English-language learners, and the unique needs of families.

*Prerequisite: By the 1st week of the class, verification of the state-mandated Tdap vaccination, MMR immunization, flu vaccine, negative TB test, and statement of good health will be required.*

**VH 30009** **Lamourelle C SAC ONLINE Full Semester**

**6:00p-9:10p M Becerra C SAC ZOOM**

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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. And by the 3rd week of the semester, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.*

**C 30010** **6:00p-8:10p Tu Mc Innish A SAC V-151 Full Semester**

This course has 81 hours arranged per semester.

**C 30011** **6:00p-8:10p Tu Mc Innish A SAC V-151 Full Semester**

This course has 81 hours arranged per semester.

**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.*

**C 30012** **6:00p-8:10p Tu Deussenberry J SAC V-151 Full Semester**

This course has 81 hours arranged per semester.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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

**C 30013 TBA Salmond M SAC Full Semester**  
Work Experience

**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.

**Q 29607 Satow J SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings.

**COMMUNICATIONS & MEDIA STUDIES (CMSD)**

*(See JOURNALISM AND MEDIA STUDIES (JAMS))*

**COMMUNICATION STUDIES (CMST)**

**CMST 100, INTRODUCTION TO COMMUNICATION STUDIES**

**3.0 UNITS**

This course explores the basic history, assumptions, principles, processes, variables, methods, and specializations of human communication as an academic field of study. The student develops an understanding of the communication process, the basic elements of improving interpersonal communication, and how to reduce communication apprehension. Also included are leadership, small groups, intercultural communication, interviewing, and speech preparation. This course includes oral presentations, rhetorical theory, and communication theories.

**C 28429 10:00a-1:10p Tu Th Labreau K SAC C-213 08/21-10/15**

 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.

**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.*

**C 26713 8:30a-9:55a Tu Th Saterfield K SAC I-102 Full Semester**

**C 26706 10:05a-11:30a Tu Th Ayala E SAC I-101 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 Zero Textbook Cost (ZTC) class.

**C 26710 10:05a-11:30a M W Cummings R SAC I-103 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 Zero Textbook Cost (ZTC) class.

**C 26712 11:40a-1:05p M W Azzam D SAC I-101 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 Zero Textbook Cost (ZTC) class.

**Q 26685 Pierce C SAC ONLINE 08/21-09/17**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 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.

**Q 26689 Labreau K SAC ONLINE 08/21-10/15**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 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.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

-  **26691** **Labreau K SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
-  **26694** **Saterfield K SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
-  **26695** **Cummings R SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
-  **26697** **Saterfield K SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
-  **26698** **Labreau K SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
-  **26700** **Pierce C SAC ONLINE 11/13-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
-  **26704** **Cummings R SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **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.

 **26708 10:05a-11:30a M W Cummings R SAC I-103 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 Zero Textbook Cost (ZTC) class.

**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.

 **26729 8:30a-9:55a M W Cummings R SAC I-103 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 Zero Textbook Cost (ZTC) class.

 **26738 8:30a-9:55a Tu Th Rehm D SAC C-214 Full Semester**

 **30413 10:00a-1:10p Tu Th Kanal N SAC C-214 08/21-10/15**

 **26730 10:05a-11:30a M W Ngo K SAC C-213 Full Semester**

 **26739 10:05a-11:30a Tu Th Rehm D SAC I-103 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 Zero Textbook Cost (ZTC) class.

 **26750 10:05a-11:30a M W Wagner S SAC C-202 Full Semester**

 **26740 11:40a-1:05p Tu Th Rehm D SAC I-103 Full Semester**

 **26741 2:50p-4:15p M W Fondren S SAC C-207 Full Semester**

 **26742 6:30p-9:40p M W Fondren S SAC C-207 08/21-10/15**

 **26716 Lockwood L SAC ONLINE 08/21-09/17**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

-  **26718** **Lockwood L SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
-  **26719** **Lockwood L SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
-  **26721** **Lockwood L SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
-  **26723** **Rehm D SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
-  **26724** **Pierce C SAC ONLINE 08/21-10/15**  
 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.
-  **26725** **Labreau K SAC ONLINE 10/16-12/10**  
 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.
-  **26726** **Ayala E SAC ONLINE 08/21-10/15**  
 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.
-  **26727** **Sifuentes M SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.
-  **26728** **Jones C SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.
-  **28558** **Carrell K SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

**CMST 103, INTRODUCTION TO INTERCULTURAL COMMUNICATION 3.0 UNITS**

A general view of the sociological, psychological, and communication patterns of various cultural groups. Special emphasis on the methods, skills, and techniques necessary for effective intercultural, cross cultural, and interracial communication. Stresses the development of analytical thinking, speaking, and writing skills.

-  **28438** **10:05a-11:30a Tu Th** **Saterfield K SAC C-207 Full Semester**
-  **28439** **11:40a-1:05p M W** **Cummings R SAC I-103 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 Zero Textbook Cost (ZTC) class.
-  **28434** **Rehm D SAC ONLINE 08/21-09/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.
-  **28435** **Rehm D SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

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**Low Cost or Free Textbooks**  
 **OER**  
 **ZTC**  
**Honors Courses:**  
 **HONORS**

 **28436** **Saterfield K SAC ONLINE 08/21-10/13**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **28437** **Saterfield K SAC ONLINE 10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **CMST 103H, HONORS INTRODUCTION TO INTERCULTURAL COMMUNICATION 3.0 UNITS**  
Enriched for honors students. In-depth, seminar format examination of sociological, psychological, and communication patterns of various cultural groups. Methods, skills, and techniques for effective intercultural and interracial communication. Stresses analytical thinking, speaking, and writing skills.

 **28440 11:40a-1:05p M W Cummings R SAC I-103 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 Zero Textbook Cost (ZTC) class.

**CMST 140, ARGUMENTATION AND DEBATE 3.0 UNITS**  
Principles of debate techniques with emphasis on methods of logical analysis and reflective thinking. Practical application through adaptation of material to forms of debate on current issues.

 **28441 8:30a-9:55a M W Lockwood L SAC C-207 Full Semester**

 **28442 10:05a-11:30a M W Lockwood L SAC C-207 Full Semester**

 **30414 11:40a-1:05p Tu Th Ayala E SAC I-101 Full Semester**

 **28444** **Lockwood L SAC ONLINE 08/21-10/13**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **28445** **Lockwood L SAC ONLINE 10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CMST 145, GROUP DYNAMICS 3.0 UNITS**  
Principles and methods of communication as applied in the small group setting. Emphasis on communication skills, processes, and operations in the small group. Includes understanding group dynamics and cooperative problem solving.

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

 **28448 1:15p-4:25p Tu Fondren S SAC C-207 Full Semester**

 **28449 6:30p-9:40p M W Fondren S SAC C-207 10/16-12/10**

 **28446** **Pierce C SAC ONLINE 08/21-10/15**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 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.

 **28447** **Pierce C SAC ONLINE 10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 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.

**CMST 151, VOICE AND DICTION FOR EFFECTIVE COMMUNICATION 3.0 UNITS**  
Basic speech and voice production. Anatomy and physiology related to respiration (breathing/loudness), phonation (sound/pitch) and articulation (diction/clarity). Practice in improving vocal skills for effective communication. Designed for individuals who have special demands on vocal production in their vocation.

 **26745 6:30p-9:40p Tu Fondren S SAC C-207 Full Semester**

## 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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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**C 29075 8:30a-9:25a Tu W Th Vu M VHS Full Semester**  
**C 29070 10:20a-11:45a M W Garrison E SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**C 29071 6:00p-9:10p Tu Garrison E SAC A-206 Full Semester**  
**O 29072 Gadalla A SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29073 Quach N SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29074 Nguyen H SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29076 Nguyen H SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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

**O 29077 Nguyen H SAC 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.

**O 29253 Nguyen H SAC ONLINE 10/16-12/10**  
 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

**OL 29254 6:00p-9:10p Th Sim J SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**CMPR 112, JAVA PROGRAMMING 3.0 UNITS**

This is an introduction course Java programming course. Students will learn the Java programming language and syntax for solving problems, and utilize an integrated development environment (IDE) for developing Java applications, and Java virtual machine (JVM) to execute java programs. The course emphasizes computer science concepts: data types, mathematical operations, I/O (input/output) operations, conditions, iterations, and functions. In addition, software design principles, practices, and utilizing structured methodologies will be covered.

Software Utilized: Java 2 SDK V 1.4.2

**OL 29255 6:00p-9:10p M Sim J SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**CMPR 113, ADVANCED JAVA 3.0 UNITS**

This advanced Java programming course is project-oriented. Students will get reinforced with advanced Java techniques to solve more complex problems. The course highlights the computer science object-oriented (OOP) paradigm: advanced class design, encapsulation, aggregation, inheritance and development. In addition, GUI (Graphical User Interface) programming, recursion exception and database programming will be covered.

*Prerequisite: Computer Science 112 with a minimum grade of C.*

**OL 29256 6:00p-9:10p Tu Sim J SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

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**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

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**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**CMPR 114, PYTHON PROGRAMMING**

**3.0 UNITS**

Students will be introduced to the syntax of Python, the methods used to incorporate Python into creating business applications, and using Python to create interactive forms. Students will also learn to enhance Business Applications through the use of Interactive Programming utilizing forms, objects, looping constructs, variables, classes and the use of various data-types.

**OL 29257 6:00p-9:10p M Huynh D SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated.  
 Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**CMPR 115, PYTHON FOR DATA ANALYTICS**

**3.0 UNITS**

The student will learn fundamentals for Data Analytics using Python and will learn skills such as an introduction to data analysis, understanding data, data processing, writing python code, using IPython shell, reading and writing data using Panda, interacting with databases, data manipulation, and data visualization using the library called matplotlib. This course will prepare students to become a Certified Python Data Analytics Professional.

**OL 29259 6:00p-9:10p M Peng N SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated.  
 Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**CMPR 120, INTRODUCTION TO PROGRAMMING**

**3.0 UNITS**

This introduction C++ programming course is project-oriented. Students will learn the C++ programming language and syntax for solving problems, and utilize MS Visual Studio IDE (Integrated Development Environment) to edit, compile, test, debug code and deploy computer programs. The course emphasizes computer science concepts: data types, mathematical operations, I/O (input/output) operations, conditions, iterations, and functions. In addition, software design principles, practices, and utilizing structured methodologies will be covered.

*Prerequisite: Completion of intermediate algebra or higher or eligibility for transfer-level mathematics based on multiple measures.*

**C 29261 8:00a-9:25a Tu Th Quach N SAC A-208 Full Semester**  
**C 29266 8:00a-9:25a M W Quach N SAC A-208 Full Semester**  
**C 29260 10:20a-11:45a M W Hester B SAC A-215 Full Semester**  
**C 29262 6:00p-9:10p W Kirscher J SAC A-215 Full Semester**  
**C 29263 6:00p-9:10p Tu Quach N SAC A-207 Full Semester**  
**O 29264 Aziz T SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29265 Hester B SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CMPR 121, PROGRAMMING CONCEPTS**

**3.0 UNITS**

This intermediate C++ programming course is project-oriented. Students will get reinforced with advanced C++ techniques to solve more complex problems. The course highlights the computer science object-oriented (OOP) paradigm: design and practices class encapsulation, and advanced class constructors/destructor, overloading class member operators, inheritance and polymorphism, Standard Template Library (STL), including strings, sequence containers, iterators, and algorithms. In addition, pointers/references and memory management, recursion and exception topics will be covered.

*Prerequisite: Computer Science 120 with a minimum grade of C.*

Software Utilized: MS Visual C++ .NET

**C 29268 10:30a-11:55a M W Quach N SAC A-208 Full Semester**  
**C 29267 6:00p-9:10p M Quach N SAC A-208 Full Semester**

**CMPR 123, INTRODUCTION TO IT AND CYBERSECURITY**

**0.5 UNIT**

An introductory course with hands-on training concepts and terminology required for careers in IT and cybersecurity. Topics include responsibilities, operational policies, best industry practices, industry certifications, and demonstrations of tools and tasks.

**O 29269 Nguyen H SAC ONLINE 08/21-09/17**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
**O 29270 Nguyen H SAC ONLINE 09/18-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

- 29271** **Nguyen H** **SAC ONLINE** **10/16-11/12**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- CMPR 125, IT HELP DESK FUNDAMENTALS** **3.0 UNITS**  
 An introductory course focused on learning IT technical skills with hands-on experience required for entry level IT Help and Service Desk jobs. IT help desk soft skills include effective communication, analytical thinking, diplomacy, problem solving, leadership, team building, and listening skills. Students will become familiar with working in a help desk or service desk environment using ticketing systems and understanding purpose and organization. Aligns with the CompTIA ITF+ (IT Fundamentals) exam objectives.
- H 29272** **Staff** **SAC HYBRID** **08/21-10/15**  
**6:00p-9:00p M Staff SAC A-213**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- CMPR 129, INTRODUCTION TO COMPUTER ORGANIZATION** **4.0 UNITS**  
 This course 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.  
*Prerequisite: Computer Science 120 with a minimum grade of C.*  
 Software Utilized: Pep8
- C 29273** **6:00p-10:15p Tu** **Kirscher J** **SAC A-215** **Full Semester**  
**CMPR 131, DATA STRUCTURES CONCEPTS** **3.0 UNITS**  
 This advanced C++ Programming course is project-oriented. Students will apply experience, techniques and algorithms from previous intermediate courses, including Application of Data Structure (ADTs) and object-oriented programming to solve more advanced/complex problems. The course emphasizes data structures: dynamic arrays using vectors or pointers, linked lists (singly, doubly, and circular), stacks, a last-in-first-out (LIFO) type of arrangement), queues, a first-in-first-out (FIFO) type of arrangement, trees, heaps and graphs.  
*Prerequisite: Computer Science 121 with a minimum grade of C.*  
 Software Utilized: MS Visual C++.NET
- C 29274** **11:55a-1:20p M W** **Quach N** **SAC A-208** **Full Semester**  
**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.
- H 29275** **Sim J** **SAC HYBRID** **08/21-10/15**  
**6:00p-9:10p W Staff SAC A-206**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- CMPR 138, COMPTIA NETWORK+ GUIDE TO NETWORKS** **3.0 UNITS**  
 This course trains students to install, configure, and troubleshoot a computer network by applying best practices with networking protocols, media, topologies such as TCP/IP, Ethernet, wireless transmission, physical and virtual infrastructure, security, cloud computing, and troubleshooting enterprise networks. Students will be prepared to take the CompTIA Network+ certification exam.
- H 30464** **Staff** **SAC HYBRID** **08/21-11/12**  
**6:00p-9:10p W Staff SAC A-207**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- CMPR 139, INTRODUCTION TO CLOUD COMPUTING** **3.0 UNITS**  
 This course will prepare and train students to deploy and automate secure cloud environments that support the high availability of business systems and cloud-based infrastructure services in the context of broader IT systems operations, regardless of the platform. Covers CompTIA Cloud+, Amazon AWS, and Microsoft Azure.
- O 30465** **Nguyen H** **SAC ONLINE** **09/18-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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.

**OL 29277 1:40p-3:05p M W Sweeney G SAC ZOOM Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**VH 29278 3:30p-5:30p M Sweeney G SAC ONLINE Full Semester**  
**Staff SAC ZOOM**  
Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**CMPR 153, A+ ESSENTIALS HARDWARE 3.0 UNITS**

The A+ Essentials Hardware course maps to the current CompTIA A+ Core 1 exam objectives. This course covers topics related to installing, building, upgrading, repairing, configuring, troubleshooting, optimizing, diagnosing computer hardware & network troubleshooting, mobile devices, networking, security, virtualization & cloud computing, and operational procedures from basic personal computer hardware to IT infrastructure for business. Lectures and hands-on experience in structured labs are included. The A+ Essentials Hardware course teaches necessary competencies for an entry-level IT professional.

**H 29279 6:00p-9:10p Tu Nguyen H SAC HYBRID 08/21-10/15**  
**Staff SAC A-214**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**CMPR 155, A+ ESSENTIALS SOFTWARE 3.0 UNITS**

The A+ Essentials Software course maps to the current CompTIA A+ Core 2 exam objectives. This course covers topics related to installing, upgrading, repairing, configuring, troubleshooting, securing Windows and Linux, including command line & client support for Mac OS and mobile OSes ; virtualization & cloud computing, and operational procedures from personal computer hardware to IT infrastructure for business. Lectures and hands-on experience in structured labs are included. The A+ Essentials Software course teaches necessary competencies for an entry-level IT professional.

**H 29280 6:00p-9:10p Tu Staff SAC HYBRID 10/16-12/10**  
**Staff SAC A-214**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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

**O 29281 Sim J SAC ONLINE 08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CMPR 168, MS SQL DATABASE DEVELOPMENT 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√Access 2016

**O 29282 Sim J SAC ONLINE 10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**30466** **Staff** **SAC ONLINE** **09/18-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CMPR 177, ETHICAL HACKING** **3.0 UNITS**

This course provides an in-depth understanding of how to protect and defend IT infrastructure. The course combines ethical hacking methodologies with the hands-on application of security tools to secure computer and other digital systems. Students are introduced to common countermeasures that effectively reduce and/or mitigate attacks. In addition, the course covers what an ethical hacker is and how important it is to protect data from cyber attacks. Students will review TCP/IP concepts and practice footprinting, scanning, enumeration, exploitation, and social engineering. Students will be prepared to take CompTIA PenTest+ and/or Certified Ethical Hacker (CEH) certification.

**29283** **Nguyen H** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29792** **8:50a-9:55a** **Tu Th** **Staff** **SAC D-209** **Full Semester**  
 Puente Program Students only Section: 29792, CNSL-100 is linked to Section: 29082, ENGL 101. Enrollment in both sections is mandatory.

**29782** **10:05a-12:10p** **Tu** **Staff** **SAC ZOOM** **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

<b>29787</b>	<b>10:05a-12:10p</b>	<b>M</b>	<b>Staff</b>	<b>SAC I-108</b>	<b>Full Semester</b>
<b>29799</b>	<b>10:05a-12:10p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC I-108</b>	<b>Full Semester</b>
<b>29801</b>	<b>10:05a-12:10p</b>	<b>F</b>	<b>Staff</b>	<b>SAC I-108</b>	<b>Full Semester</b>
<b>29802</b>	<b>10:05a-12:10p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC I-108</b>	<b>Full Semester</b>
<b>29789</b>	<b>1:15p-3:20p</b>	<b>M</b>	<b>Staff</b>	<b>SAC I-108</b>	<b>Full Semester</b>
<b>29797</b>	<b>1:15p-3:20p</b>	<b>W</b>	<b>Staff</b>	<b>SAC I-209</b>	<b>Full Semester</b>
<b>29796</b>	<b>5:20p-7:25p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC I-101</b>	<b>Full Semester</b>
<b>29798</b>	<b>5:20p-7:25p</b>	<b>W</b>	<b>Staff</b>	<b>SAC I-209</b>	<b>Full Semester</b>
<b>29800</b>	<b>5:20p-7:25p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC I-108</b>	<b>Full Semester</b>
<b>28408</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>08/21-09/16</b>

**29796** **5:20p-7:25p** **Tu** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.  
 1st 4 weeks

**29742** **Staff** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29744** **Staff** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29746** **Staff** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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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Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

 <b>29747</b>	<b>Staff</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.			
 <b>29749</b>	<b>Staff</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.			
 <b>29750</b>	<b>Staff</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.			
 <b>29751</b>	<b>Staff</b>	<b>SAC ONLINE</b>	<b>09/18-12/10</b>
 Late Start - 12 weeks Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.			
 <b>29752</b>	<b>Staff</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
 2nd 8 weeks Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.			

**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.

 <b>29803</b>	<b>10:05a-10:55a</b>	<b>F</b>	<b>Staff</b>	<b>SAC A-207</b>	<b>Full Semester</b>
MESA students only					

**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.

 <b>29855</b>	<b>1:15p-4:25p</b>	<b>W</b>	<b>Staff</b>	<b>SAC I-106</b>	<b>Full Semester</b>
ULINK Program students only					
 <b>29857</b>	<b>1:15p-4:25p</b>	<b>W</b>	<b>Staff</b>	<b>SAC I-108</b>	<b>Full Semester</b>
ULINK Program students only					
 <b>29864</b>	<b>1:15p-4:25p</b>	<b>W</b>	<b>Staff</b>	<b>SAC I-101</b>	<b>Full Semester</b>
ULINK Program students only					

**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.

 <b>29865</b>	<b>5:00p-7:05p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC I-108</b>	<b>08/21-10/15</b>
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**CNSL 116, CAREER/LIFE PLANNING AND PERSONAL EXPLORATION 3.0 UNITS**  
 This course is designed to assist students in successfully establishing and achieving their education, career, and life goals. Students are guided through a reflective process that focuses on values, interests, personality, skills, and learning styles. Career and educational 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**

 <b>30019</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC I-202</b>	<b>Full Semester</b>
Material Fee: \$16.00					

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

<b>C</b>	<b>30044</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC I-206</b>	<b>Full Semester</b>
				Material Fee: \$16.00		
<b>C</b>	<b>30458</b>	<b>8:30a-9:30a</b>	<b>Tu W Th</b>	<b>Staff</b>	<b>SAC CHS</b>	<b>Full Semester</b>
				Dual-Enrollment: Century High School Material Fee: \$16.00		
<b>OL</b>	<b>30048</b>	<b>10:05a-1:05p</b>	<b>F</b>	<b>Staff</b>	<b>SAC ZOOM</b>	<b>Full Semester</b>
				Material Fee: \$16.00 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.		
<b>C</b>	<b>30055</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC I-206</b>	<b>Full Semester</b>
				Material Fee: \$16.00		
<b>C</b>	<b>30063</b>	<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC I-202</b>	<b>Full Semester</b>
				Material Fee: \$16.00		
<b>C</b>	<b>30071</b>	<b>10:05a-1:05p</b>	<b>F</b>	<b>Staff</b>	<b>SAC I-202</b>	<b>Full Semester</b>
<b>C</b>	<b>30066</b>	<b>11:40a-1:05p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC I-206</b>	<b>Full Semester</b>
				Material Fee: \$16.00		
<b>O</b>	<b>29929</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
				Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.		
<b>O</b>	<b>29930</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>09/18-12/10</b>
				Late Start - 12 weeks Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.		
<b>O</b>	<b>29931</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>10/02-12/10</b>
				Late Start - 10 weeks Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.		
<b>O</b>	<b>29932</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
				1st 8 weeks Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.		
<b>O</b>	<b>29933</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
				1st 8 weeks Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.		
<b>O</b>	<b>29934</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
				1st 8 weeks Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.		
<b>O</b>	<b>29935</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
				2nd 8 weeks Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.		

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

 **29936** **Staff** **SAC ONLINE** **10/16-12/10**  
 2nd 8 weeks Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **29938** **Staff** **SAC ONLINE** **10/16-12/10**  
 2nd 8 weeks (Online Pathway) Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **30457** **Staff** **SAC ONLINE** **Full Semester**  
 Dual-Enrollment: Santa Ana Virtual Academy Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**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; strategies for complex problem solving; time management; and overcoming obstacles to achievement in rigorous coursework.

 **30080** **11:10a-12:00p** **F** **Staff** **SAC A-207** **Full Semester**  
 MESA students only

**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.

 **30152** **10:05a-11:30a** **M W** **Staff** **SAC I-202** **Full Semester**

 **30153** **7:35p-10:35a** **Tu** **Staff** **SAC I-206** **Full Semester**

 **30161** **Staff** **SAC ONLINE** **08/21-10/15**  
 1st 8 weeks Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <https://rscdd.instructure.com>

 **30162** **Staff** **SAC ONLINE** **08/21-10/15**  
 1st 8 weeks Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <https://rscdd.instructure.com>

 **30164** **Staff** **SAC ONLINE** **08/21-10/15**  
 1st 8 weeks Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <https://rscdd.instructure.com>

 **30165** **Staff** **SAC ONLINE** **10/16-12/10**  
 2nd 8 weeks Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <https://rscdd.instructure.com>

 **30166** **Staff** **SAC ONLINE** **10/16-12/10**  
 2nd 8 weeks Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <https://rscdd.instructure.com>

 **30168** **Staff** **SAC ONLINE** **10/16-12/10**  
 2nd 8 weeks Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <https://rscdd.instructure.com>

**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.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

 **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**C 30181**      **1:15p-4:15p**      **W**      **Staff**      **SAC I-202**      **Full Semester**  
**O 30187**      **Staff**      **SAC ONLINE**      **08/21-10/15**  
 1st 8 weeks Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <https://rscdd.instructure.com>

**O 30188**      **Staff**      **SAC ONLINE**      **10/16-12/10**  
 2nd 8 weeks Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <https://rscdd.instructure.com>

**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.

**C 30386**      **7:35p-10:35p**      **W**      **Staff**      **SAC I-206**      **Full Semester**  
**H 30469**      **Staff**      **SAC ONLINE**      **Full Semester**  
**10:05a-1:05p**      **F**      **Staff**      **SAC I-206**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**CNSL 170, HUMAN SERVICES/SOCIAL WORK RELATED FIELD EXPERIENCE SEMINAR**      **1.0 UNIT**  
 In conjunction with the required prerequisite work experience course, students will gain insight about their future role as a Human Services/Social Work practitioner through discussion, problem-solving, reflection, and evaluation with self, instructor, supervisor, and peers. Ethical, legal, professional, and social justice issues in the field of Human Services/Social Work will be addressed.  
*Prerequisite: Counseling 150 with a minimum grade of C.*

**VH 30397**      **12:00p-1:00p**      **W**      **Staff**      **SAC ZOOM**      **08/21-09/17**  
 1st 4 weeks Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**CNSL 175, HUMAN SERVICES/SOCIAL WORK RELATED FIELD EXPERIENCE**      **1.0 - 4.0 UNITS**  
 This work experience course consists of supervised employment within a community organization, agency, or institution within Human Services/Social Work. It is designed to assist students in acquiring desirable work habits, attitudes, skills, and career awareness in a field related to Human Services. Application of prior knowledge and new skill development will be embedded. 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.  
*Prerequisite: Counseling 150 with a minimum grade of C.*

**O 30398**      **Staff**      **SAC ONLINE**      **09/18-12/10**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

## 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.

**VH 26652**      **Gonis Jr A**      **SAC ONLINE**      **Full Semester**  
**8:30a-9:55a**      **W**      **Staff**      **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**VH 26654**      **Gonis Jr A**      **SAC ONLINE**      **Full Semester**  
**8:30a-9:55a**      **M**      **Staff**      **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks



Honors Courses:



<b>H</b>	<b>26655</b>	<b>10:05a-11:30a</b>	<b>Tu</b>	<b>Huskey J Staff</b>	<b>SAC HYBRID SAC H-207</b>	<b>Full Semester</b>
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a>						
<b>VH</b>	<b>26656</b>	<b>7:35p-9:00p</b>	<b>W</b>	<b>Huskey J Staff</b>	<b>SAC ONLINE SAC ZOOM</b>	<b>Full Semester</b>
Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.						
<b>VH</b>	<b>26657</b>	<b>8:30a-9:55a</b>	<b>Th</b>	<b>Huskey J Staff</b>	<b>SAC ONLINE SAC ZOOM</b>	<b>Full Semester</b>
Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.						
<b>VH</b>	<b>26658</b>	<b>6:00p-7:25p</b>	<b>Th</b>	<b>Kraus E Staff</b>	<b>SAC ONLINE SAC ZOOM</b>	<b>Full Semester</b>
Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.						

**CJ 102, INTRODUCTION TO CORRECTIONS 3.0 UNITS**

This course provides a history of and critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment on the criminal justice system, corrections, a critical examination of the types of correctional institutions and the clients housed in each institution, and an examination of contemporary correctional issues.

<b>O</b>	<b>26659</b>			<b>Kraus E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.						

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

This course offers an analysis of the doctrines of criminal liability in the United States 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. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice course will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crimes.

<b>H</b>	<b>26660</b>	<b>11:40a-1:05p</b>	<b>Tu</b>	<b>Huskey J Staff</b>	<b>SAC HYBRID SAC H-207</b>	<b>Full Semester</b>
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a>						
<b>VH</b>	<b>26661</b>	<b>10:05a-11:30a</b>	<b>Th</b>	<b>Huskey J Staff</b>	<b>SAC ONLINE SAC ZOOM</b>	<b>Full Semester</b>
Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.						

<b>O</b>	<b>26662</b>			<b>Huskey J</b>	<b>SAC ONLINE</b>	<b>09/18-12/10</b>
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.						

**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.

<b>VH</b>	<b>26664</b>	<b>10:05a-11:30a</b>	<b>Tu</b>	<b>Gonis Jr A Staff</b>	<b>SAC ONLINE SAC ZOOM</b>	<b>Full Semester</b>
Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instruction on-campus.						

**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.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or  
Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**OL 29720** 11:55a-1:20p Tu Th **Robinson K SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**VH 26665** 6:00p-7:25p M **Huskey J SAC ONLINE Full Semester**  
**Staff SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**CJ 108, CRIME SCENE INVESTIGATION 3.0 UNITS**  
 This course provides an introduction to the role of forensics in criminal investigations. It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents and controlled substances.

**C 26667** 10:00a-1:10p F **Maiocco M SAC W-101 Full Semester**  
 This class meets on-campus.

**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.

**VH 26668** 8:30a-9:55a Tu **Gonis Jr A SAC ONLINE Full Semester**  
**Staff SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

**O 30511** **Gonis Jr A SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CJ 210, DRUG ABUSE AND CRIMINAL JUSTICE 3.0 UNITS**  
 Study of the recognition, identification, and effects of illegal drugs: opiates, marijuana, hallucinogens, depressants, and stimulants. Emphasis will also be placed on investigation techniques, use of informants, search warrants, and treatment.

**O 26670** **Gonis Jr A SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CJ 220, JUVENILE DELINQUENCY AND CONTROL 3.0 UNITS**  
 This course is an examination of the origin, development, and organization of the Juvenile Justice system as it evolved in the American justice system. The course explores the theories that focuses on Juvenile Law, courts and processes, and the Constitutional protections extended to juveniles administered in the American justice system.

**C 26671** 7:30p-10:40p Tu **Jenkins M SAC W-101 Full Semester**  
 This class meets on-campus.

## CRIMINAL JUSTICE ACADEMIES (CJA)

**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.

**O 30440** **Martin T SAC ONLINE 10/16-11/12**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class. No flying of drones in this course.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**CRITICAL AND ACADEMIC READING (CAR)***(Formerly: READING (READ))***CAR 101, INTRODUCTION TO ACADEMIC READING****3.0 UNITS**

Instruction toward students' mastery of higher-level vocabulary, intermediate-level reading comprehension, and critical evaluation of college-level text.

**28641** **Colunga M** **SAC ONLINE** **08/21-10/15**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**28642** **Colunga M** **SAC ONLINE** **09/18-11/12**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**28643** **Colunga M** **SAC ONLINE** **10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**CAR 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.*

**28644** **Colunga M** **SAC ONLINE** **08/21-10/15**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials.

**28645** **Colunga M** **SAC ONLINE** **10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials.

**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.

**25919** **Heremans T** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**25920** **Heremans T** **SAC ONLINE** **08/21-10/15**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**32918** **10:00a-12:05p** **M** **Staff** **SAC T-212** **Full Semester**

This class meets on-campus.

**CULN 116, PRINCIPLES OF FOOD PREPARATION****3.0 UNITS**

Application of scientific principles in the preparation of selected food products with emphasis on physical and chemical properties of food; methods and techniques of food preparation; factors that contribute to quality of prepared foods.

**27484** **8:30a-10:35a** **F** **Staff** **SAC T-212** **Full Semester**

**10:45a-1:55p** **F** **Staff** **SAC T-212**

This class meets on-campus.

**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.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or  
Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**C 25924**      **8:00a-10:05a**      **Sa**      **Staff**      **OCSA**      **Full Semester**  
**10:15a-1:25p**      **Sa**      **Staff**      **OCSA**

This class meets at OCSA.

**C 25925**      **8:00a-11:10a**      **W**      **Heremans T**      **SAC ONLINE**      **Full Semester**  
**Staff**      **SAC T-212**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.

**H 25927**      **6:00p-9:10p**      **W**      **Heremans T**      **SAC HYBRID**      **Full Semester**  
**Heremans T**      **OCSA**

Off-Campus Hybrid Instruction. A combination of off-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**H 25931**      **9:00a-12:10p**      **Th**      **Heremans T**      **SAC HYBRID**      **Full Semester**  
**Heremans T**      **SAC T-212**

On-Campus Hybrid Instruction. A combination of on-campus Lab meetings during the days and times indicated and online instruction. Students log in to Canvas [canvas.sac.edu](https://canvas.sac.edu)

**CULN 150, PRINCIPLES OF PANTRY** **2.0 UNITS**

Introduction to the basic skills needed for a restaurant pantry station to produce quality salads, sandwiches, and cold sauce emphasized.

**C 25926**      **2:00p-3:05p**      **M**      **Staff**      **SAC T-212**      **Full Semester**  
**3:15p-6:25p**      **M**      **Staff**      **SAC T-212**

This class meets on-campus.

**CULN 190, FOOD & BEVERAGE PRODUCTION MANAGEMENT** **2.0 UNITS**

The course provides students with hands-on experience and training in customer service, catering special events, dining room service, buffet presentation, food production, management, and job readiness skills.

*Prerequisite: Culinary Arts 110 or Nutrition and Food 110 with a minimum grade of C.*

**C 25928**      **7:00a-10:00a**      **Tu**      **Heremans T**      **SAC JSC-118**      **Full Semester**  
**10:30a-2:00p**      **Tu**      **Staff**      **SAC JSC-118**

**CULN 201, INTRODUCTION TO HOTEL MANAGEMENT** **3.0 UNITS**

An introduction to the operating system and components of a hotel-resort facility, which includes: front office, housekeeping, food and beverage, sales and marketing, accounting, property maintenance, human/resource management and information systems.

**C 25929**      **9:00a-12:35p**      **W**      **Brown K**      **SAC I-109**      **09/04-12/10**

This class meets on-campus.

**CULN 220, ADVANCED CULINARY SKILLS & PRINCIPLES** **3.0 UNITS**

This course continues the education from basic cooking skills to an advanced application. Quality standards of cooking methods as they apply to the major cuts of animal protein and vegetables will be covered. Food costing, portioning, seasoning, and presentation will be demonstrated and practiced. High standards of professionalism, sanitation, and proper work habits will be emphasized. 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).

**H 25930**      **10:00a-3:00p**      **Tu**      **Heremans T**      **SAC HYBRID**      **Full Semester**  
**Heremans T**      **SAC T-212**

On-Campus Hybrid Instruction. A combination of on-campus Lab meetings during the days and times indicated and online instruction. Students log in to Canvas [canvas.sac.edu](https://canvas.sac.edu)

**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.*

Open Entry / Open Exit

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**25932** **Heremans T SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There will be 300 hours arranged for the semester. Variable unit course. 1-4 units. Depending on hours completed.

**25933** **Heremans T SAC ONLINE 10/02-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There will be 300 hours arranged for the semester. Variable unit course. 1-4 units. Depending on hours completed.

## 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.  
 Open Entry / Open Exit

**26965** **Gillette H SAC G-108 Full Semester**  
 27 hours arranged per semester.

**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.

*Prerequisite: Dance 009A with a minimum grade of C. Requires audition or instructor approval prior to enrollment.*

Open Entry / Open Exit

**26966** **Gillette H SAC G-108 Full Semester**  
 27 hours arranged per semester.

**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.*

Open Entry / Open Exit

**26968** **Gillette H SAC G-108 Full Semester**  
 27 hours arranged per semester.

**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

**26976** **Gillette H SAC G-108 Full Semester**  
 27 hours arranged per semester.

**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 21th Century. Emphasizes the contemporary dance heritage of the United States.

**26984** **10:05a-11:30a M W Gillette H SAC I-106 Full Semester**

**26990** **Westergard-Dobson C SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**DNCE 101, DANCE AS COMMUNICATION 3.0 UNITS**  
 Introduction to how humans communicate through dance and perceive dance as communication by analyzing body language, nonverbal communication styles, multiple intelligences, and emotional expression. Students participate in written exercises and activities designed to enhance movement analysis tools to describe dance and interpret its meaning.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

- 27001** **Gillette H SAC ONLINE 08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- DNCE 104, HISTORY AND APPRECIATION OF SCREENDANCE 3.0 UNITS**  
Introduction to screendance as an art form and exploration of its historical development. Analyzation and appreciation of early screendance practices and their cultural, social, technical, and artistic impact on present day approaches. Students will engage in the viewing of visual aides and will participate in written exercises and discussions to identify and examine components of screendance.
- 27006** **Woodson C SAC ONLINE 10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 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.
- 27010** **Garcia R SAC ONLINE Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 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.
- 27100** **Gillette H SAC HYBRID Full Semester**  
**10:05a-12:40p F**  
**Gillette H SAC G-108**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- DNCE 119A, INTRODUCTION TO JAZZ DANCE - I 1.0 UNIT**  
Introduction to jazz dance technique emphasizing elementary movement technique, vocabulary, and creative expression. Includes an introduction to composition and cultural context of jazz dance. For students with little or no dance experience.
- 28451** **Gillette H SAC HYBRID 08/21-10/15**  
**1:25p-2:55p M W**  
**Gillette H SAC G-108**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- DNCE 119B, INTRODUCTION TO JAZZ DANCE - II 1.0 UNIT**  
A refinement of basic jazz dance, emphasizing movement technique, vocabulary, and creative expression. Includes composition, the cultural context of jazz dance, and contemporary jazz dance forms. Movement repertoire differs from 119A.
- 28456** **Gillette H SAC HYBRID 08/21-10/15**  
**1:25p-2:55p M W**  
**Gillette H SAC G-108**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- 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.
- 28458** **Gillette H SAC HYBRID 10/16-12/10**  
**1:25p-2:50p M W**  
**Gillette H SAC G-108**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- DNCE 120B, INTERMEDIATE HIP-HOP DANCE 1.0 UNIT**  
A continuation of the study of Hip-Hop dance emphasizing movement technique, dance vocabulary and creative expression. Includes more complicated movements, advanced dance combinations and an overview of the historical and cultural context of Hip-Hop. Beginning Hip-Hop recommended.
- 27102** **Gillette H SAC HYBRID 10/16-12/10**  
**1:25p-2:50p M W**  
**Gillette H SAC G-108**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

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Low Cost or  
Free Textbooks  
 OER  
 ZTC  
Honors Courses:  
 HONORS

**DNCE 123, INTRODUCTION TO SALSA DANCE**

**1.0 UNIT**

An introduction to Salsa dance, including musicality, partnering, and patterns. Emphasis is on movement technique, dance vocabulary, social dance etiquette, and short compositional sequences. Historical and cultural context are studied.

<b>H</b>	<b>27104</b>			<b>Garcia R</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
	<b>4:25p-5:50p</b>	<b>M</b>		<b>Garcia R</b>	<b>SAC G-108</b>	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**DNCE 124A, SALSA DANCE I**

**1.0 UNIT**

A beginning level study in salsa dance, including musicality, partnering, and patterns. Emphasis is on movement technique, vocabulary, and expression with more complex patterns, and dance combinations. DNCE 123A/B Introduction to Salsa recommended. Dance 124A utilizes additional combination work and prepares the student for Dance 124B.

<b>H</b>	<b>29820</b>			<b>Garcia R</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
	<b>4:25p-5:50p</b>	<b>M</b>		<b>Garcia R</b>	<b>SAC G-108</b>	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.

<b>H</b>	<b>27107</b>			<b>Allgaier J</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
	<b>10:05a-11:30a</b>	<b>M W</b>		<b>Allgaier J</b>	<b>SAC G-108</b>	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.*

<b>H</b>	<b>27108</b>			<b>Allgaier J</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
	<b>10:05a-11:30a</b>	<b>M W</b>		<b>Allgaier J</b>	<b>SAC G-108</b>	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.

<b>C</b>	<b>27111</b>	<b>11:40a-12:10p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	

**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.

*DNCE 206A: Dance 206A with a minimum grade of C is recommended.*

<b>C</b>	<b>27113</b>	<b>11:40a-12:10p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	

**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.

*DNCE 206A or DNCE 206B: Dance 206A or Dance 206B with a minimum grade of C is recommended.*

<b>C</b>	<b>27114</b>	<b>11:40a-12:10p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**DNCE 219A, JAZZ DANCE I**

**2.0 UNITS**

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.

<b>C</b>	<b>27116</b>	<b>5:45p-6:15p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>4:10p-5:35p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	

**DNCE 219B, JAZZ DANCE II**

**2.0 UNITS**

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.*

<b>C</b>	<b>27117</b>	<b>5:45p-6:15p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>4:10p-5:35p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	

**DNCE 220, JAZZ DANCE III**

**2.0 UNITS**

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.*

<b>C</b>	<b>27118</b>	<b>5:45p-6:15p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>4:10p-5:35p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	

**DNCE 240A, REPERTORY I**

**2.0 UNITS**

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.

*Prerequisite: Audition.*

<b>C</b>	<b>27119</b>	<b>3:30p-4:00p</b>	<b>Tu Th</b>	<b>Gillette H</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>1:55p-3:20p</b>	<b>Tu Th</b>	<b>Gillette H</b>	<b>SAC G-108</b>	

**DNCE 240B, REPERTORY II**

**2.0 UNITS**

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.

*Prerequisite: Audition.*

<b>C</b>	<b>27120</b>	<b>3:30p-4:00p</b>	<b>Tu Th</b>	<b>Gillette H</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>1:55p-3:20p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	

**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.

<b>C</b>	<b>27121</b>	<b>3:30p-4:00p</b>	<b>Tu Th</b>	<b>Gillette H</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>1:55p-3:20p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	

**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.

<b>C</b>	<b>27122</b>	<b>3:30p-4:00p</b>	<b>Tu Th</b>	<b>Gillette H</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>1:55p-3:20p</b>	<b>Tu Th</b>	<b>ESTRADA-ROMERO J</b>	<b>SAC G-108</b>	

**DNCE 250A, HIP HOP DANCE I**

**2.0 UNITS**

A level I hip-hop dance course emphasizing movement technique, vocabulary, and creative expression. It includes choreographic principles, improvisation, and the cultural context of hip-hop dance.

<b>C</b>	<b>28461</b>	<b>8:05p-8:35p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC G-108</b>	<b>Full Semester</b>
		<b>6:30p-7:55p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC G-108</b>	

**DNCE 250B, HIP-HOP DANCE II**

**2.0 UNITS**

Continued study in hip-hop dance, level II, emphasizing movement technique, vocabulary, and creative expression. Includes improvisation, more difficult combinations, student compositions, and the cultural context of hip-hop. Movement repertoire prepares students for DNCE 251.

*Recommended Preparation: Dance 250A with a minimum grade of C.*

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**  
 **OER**  
 **ZTC**  
**Honors Courses:**  
 **HONORS**

<b>C</b>	<b>28462</b>	<b>8:05p-8:35p</b> <b>6:30p-7:55p</b>	<b>Tu Th</b> <b>Tu Th</b>	<b>Staff</b> <b>Staff</b>	<b>SAC G-108</b> <b>SAC G-108</b>	<b>Full Semester</b>
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**DIESEL (DSL)**

**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.

<b>C</b>	<b>26192</b>	<b>6:00p-7:25p</b> <b>7:35p-9:50p</b>	<b>M W</b> <b>M W</b>	<b>Lopez Garcia L</b> <b>Lopez Garcia L</b>	<b>SAC J-109</b> <b>SAC J-109</b>	<b>Full Semester</b>
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This class meets on-campus.

**DSL 141, BRAKES** **4.5 UNITS**

This course covers the air and hydraulic brake systems used on modern medium and heavy duty trucks. Emphasis is placed upon utilizing the correct service and diagnostic procedures as required by the medium/heavy duty trucking industry. Field trips may be required.

<b>C</b>	<b>26193</b>	<b>8:00a-9:25a</b> <b>9:35a-11:50a</b>	<b>M W</b> <b>M W</b>	<b>Vasilik R</b> <b>Vasilik R</b>	<b>SAC J-109</b> <b>SAC J-109</b>	<b>Full Semester</b>
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This class meets on-campus.

**DSL 165, TRANSPORT REFRIGERATION** **5.0 UNITS**

Theory and operation of truck and trailer refrigeration, electrical, and microprocessor control systems used on current production Carrier and Thermo King units. Service, repair, and troubleshooting procedures used in industry will be covered. Hands-on procedures and safety are emphasized.

<b>C</b>	<b>26195</b>	<b>6:00p-8:05p</b> <b>8:15p-10:20p</b>	<b>Tu Th</b> <b>Tu Th</b>	<b>Lopez Garcia L</b> <b>Lopez Garcia L</b>	<b>SAC J-109</b> <b>SAC J-109</b>	<b>Full Semester</b>
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This class meets on-campus.

**DIGITAL MEDIA (DM)**

**DM 100, INTRODUCTION TO ELECTRONIC MEDIA: TV, RADIO, FILM, AND THE INTERNET** **3.0 UNITS**

This course introduces the history, structure, function, economics, content and evolution of radio, television, film, the Internet, and new media, including traditional and mature formats. The social, political, regulatory, ethical and occupational impact of the electronic media are also studied.

<b>C</b>	<b>28466</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-103</b>	<b>Full Semester</b>
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**DM 103, HISTORY OF FILM TO 1945** **3.0 UNITS**

A survey course exploring film as an art form and developing appreciation of historical, artistic, and technical advances from 1890s to 1945.

<b>O</b>	<b>15982</b>			<b>Taylor M</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

<b>O</b>	<b>15983</b>			<b>Taylor M</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**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.

<b>O</b>	<b>15984</b>			<b>Dermody M</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

<b>O</b>	<b>15985</b>			<b>Dermody M</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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**Low Cost or Free Textbooks**



**ZTC**

**Honors Courses:**



**21555** **Dermody M SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**23325** **Dermody M SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**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.

**28556** **Lunel E SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**DM 107, HISTORY OF ANIMATION 3.0 UNITS**

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.

**15987** **Kumar A SAC ONLINE 08/21-10/15**  
 There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

**28250** **Staff SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**DM 110, INTRODUCTION TO TELEVISION PRODUCTION 3.0 UNITS**

This course introduces theory, terminology and operation of a multi-camera television studio and control room. Topics include studio signal flow, directing, theory and operation of camera and audio equipment, switcher operation, fundamentals of lighting, graphics, video control and video recording and real-time video production.

<b>28467</b>	<b>1:15p-2:05p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-103</b>	<b>Full Semester</b>
	<b>2:15p-3:40p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-135</b>	

**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.

<b>21365</b>	<b>2:15p-3:05p</b>	<b>Tu Th</b>	<b>Stevens J</b>	<b>OCSA</b>	<b>Full Semester</b>
	<b>3:15p-4:40p</b>	<b>Tu Th</b>	<b>Stevens J</b>	<b>OCSA</b>	
<b>15990</b>	<b>6:00p-6:50p</b>	<b>Tu Th</b>	<b>Lunel E</b>	<b>DMC-203</b>	<b>Full Semester</b>
	<b>7:00p-8:25p</b>	<b>Tu Th</b>	<b>Lunel E</b>	<b>DMC-203</b>	

**DM 113, INTRODUCTION TO DIGITAL MEDIA DESIGN PRINCIPLES 3.0 UNITS**

This course is for students entering a career in digital media and majors in the digital media field. This digital design course emphasizes critical examination of basic principles and elements of design in computer graphics. Students will not only produce designs, but examine the physiology and psychology behind fundamental elements of design, investigate their use in culture, as well as practice and reflect on how graphics, scale, and space can impact humans through visual design features and functions. Special focus on design for media applications, creative visual storytelling for digital applications.

<b>20638</b>	<b>2:15p-3:05p</b>	<b>M W</b>	<b>Morel R</b>	<b>OCSA</b>	<b>Full Semester</b>
	<b>3:15p-4:40p</b>	<b>M W</b>	<b>Morel R</b>	<b>OCSA</b>	
<b>15991</b>			<b>Fitch A</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**21577** **Vining P SAM Full Semester**

90 hours arranged per semester.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**C 21578** **Vining P** **SAM** **Full Semester**  
 90 hours arranged per semester.

**DM 115A, SINGLE-CAMERA PRODUCTION AND EDITING** **3.0 UNITS**

Focus on your career path! This course provides an introduction to single-camera video production, including production and aesthetic theories, terminology, and operation of field equipment. Topics covered will include composition and editing techniques, camera operation, field lighting, audio recording, and basic editing. This course focuses on the planning and execution of preproduction, production, and postproduction, working as a cohesive production crew.

**C 28473** **10:00a-10:50a** **M W** **Woodruff R** **DMC-203** **Full Semester**  
**11:00a-12:25p** **M W** **Woodruff R** **DMC-203**

**C 28471** **1:15p-2:05p** **M W** **Hall J** **DMC-103** **Full Semester**  
**2:15p-3:40p** **M W** **Hall J** **DMC-203**

**DM 115B, ADVANCED SINGLE-CAMERA PRODUCTION AND EDITING** **3.0 UNITS**

Advanced development of knowledge and skills in single-camera production technology and practices. Emphasis on professional production standards and technical advancements in digital media camera production.

**C 21213** **1:15p-2:05p** **M W** **Hall J** **DMC-103** **Full Semester**  
**2:15p-3:40p** **M W** **Hall J** **DMC-203**

**DM 120, BEGINNING SCREENWRITING FOR DIGITAL MEDIA** **3.0 UNITS**

Use your creativity to write your own ticket! Basic introductory course in narrative script writing for film and episodic television. Emphasis on basic screenplay structure, characters, conflict, theme and technical script formatting in the development of a short screenplay.

**C 28476** **8:30a-11:40a** **W** **Lunel E** **DMC-103** **Full Semester**

**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.*

**O 16254** **McMillan J** **SAC ONLINE** **10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**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.*

**O 16259** **McMillan J** **SAC ONLINE** **10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**DM 124, COOPERATIVE WORK EXPERIENCE - OCCUPATIONAL** **1.0 - 4.0 UNITS**

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

Open Entry / Open Exit

**O 17380** **Dermody M** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**DM 125, COOPERATIVE WORK EXPERIENCE-OCCUPATIONAL** **1.0 - 6.0 UNITS**

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

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**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**17379** **Dermody M SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

**16264** **1:15p-2:05p Tu Th Taylor M DMC-103 Full Semester**  
**2:15p-3:40p Tu Th Taylor M DMC-135**

There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**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.

**16318** **6:00p-6:50p M W Hall J DMC-135 Full Semester**  
**7:00p-8:25p M W Hall J DMC-135**

**DM 150, PRODUCING AND DIRECTING 3.0 UNITS**  
 Emphasizes production planning and preparation, aesthetics, budgeting, and working with a production team. Practical experience in producing and directing studio and remote productions. Multiple directing/producing assignments each semester. Prior or concurrent enrollment in Digital Media 112, and 115A recommended.

*Recommended Preparation: Digital Media 112 and Digital Media 115A with a minimum grade of C.*

**28287** **10:00a-12:05p Sa Taylor M DMC-103 Full Semester**  
**12:15p-3:25p Sa Dermody M DMC-103**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**16319** **7:35p-9:00p M W Garcia J DMC-204 Full Semester**  
**9:00p-9:30p M W Garcia J DMC-204**

**DM 157, DIRECTING FOR SINGLE-CAMERA PRODUCTION 3.0 UNITS**  
 An active examination of the principles of directing for the camera. Focus is placed on the practical application of the pre-production, filming, and post-production phases of film directing. Topics include script analysis, directorial presentation skills, converting a script into a shooting script, creating call sheets, casting actors, blocking actors, giving actors direction, rehearsal techniques, leading a cinematographer and camera crew, and overseeing the editing of a completed scene.

**28653** **1:15p-2:05p Tu Th Dermody M SAC P-105 Full Semester**  
**2:15p-3:40p Tu Th Dermody M SAC P-105**

**DM 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 Art 195 is recommended.*

**20646** **2:15p-3:05p Tu Th Morel R OCSA Full Semester**  
**3:10p-4:35p Tu Th Morel R OCSA**  
**2:15p-3:05p F OCSA**

**DM 164, WEB DESIGN 3.0 UNITS**  
 This course examines global issues related to internet culture, web ethics, equity, social justice, in addition to rights and trends related to the web. In the context of cultural and social needs, students will be introduced to web design using digital media tools; graphics, illustrations, text, sound, motion, using software programs for the web. Students will also review how web design has been used to impact commerce advancement, global communication, advertising, entertainment, and self-promotion relate to global and local community needs. Students will be able to apply their knowledge in site development and responsive design.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**17002** **Pham T** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

**DM 168, AGENCY GRAPHIC DESIGN PRODUCTION 3.0 UNITS**

Make your creativity work for you! This course is a comprehensive branding, media, and design course serving as the capstone for all Digital Media Arts & Graphic Design programs. Students develop a career/transfer-ready digital portfolio through team-based branding and identity design development for multiple media applications. Focus is on the small business sector and creating a personal brand for preparation to enter the workforce or complete design portfolio requirements for transfer. Career goals, resumes, online portfolios, interviewing skills, and customer service needs are addressed. 6 units of digital media-oriented coursework are recommended.

*Recommended Preparation: Must have completed 6 units of design coursework or have portfolio of equivalent skillset.*

**28479** **10:00a-12:05p** **F** **Taylor M** **DMC-103** **Full Semester**  
**12:15p-3:25p** **F** **Taylor M** **DMC-103**

**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.

**16371** **Nerhus K** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**21330** **10:00a-12:20p** **Sa** **Nerhus K** **SAC A-210** **10/16-12/10**  
**12:30p-4:05p** **Sa** **Nerhus K** **SAC A-210**

**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.*

**16374** **Kumar A** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**DM 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.

**16379** **10:05a-11:30a** **M W** **Staff** **SAC A-223** **Full Semester**  
**11:30a-12:00p** **M W** **Staff** **SAC A-223**

**16381** **10:05a-11:30a** **Tu Th** **Fitch A** **SAC A-223** **Full Semester**  
**11:30a-12:00p** **Tu Th** **Fitch A** **SAC A-223**

There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**20640** **2:15p-3:40p** **Tu Th** **Soliz A** **OCSA** **Full Semester**  
**3:50p-4:20p** **Tu Th** **Soliz A** **OCSA**

**16375** **Gomez R** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**16377** **Pham T** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

	<b>17378</b>		<b>Synicky C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.				
	<b>21576</b>		<b>Vining P</b>	<b>SAM</b>	<b>Full Semester</b>
	72 hours arranged per semester.				
	<b>21626</b>		<b>Vining P</b>	<b>SAM</b>	<b>Full Semester</b>
	72 hours arranged per semester.				
	<b>28228</b>		<b>Jones A</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. No on-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="https://canvas.sac.edu">canvas.sac.edu</a> There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.				

**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.

	<b>16383</b>	<b>6:35p-7:25p</b>	<b>Tu Th</b>	<b>Harants M</b>	<b>DMC-104</b>	<b>Full Semester</b>
		<b>7:35p-9:00p</b>	<b>Tu Th</b>	<b>Harants M</b>	<b>DMC-104</b>	

There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**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.*

	<b>20639</b>	<b>2:15p-3:05p</b>	<b>M W</b>	<b>Johnson K</b>	<b>OCSA</b>	<b>Full Semester</b>
		<b>3:15p-4:40p</b>	<b>M W</b>	<b>Johnson K</b>	<b>OCSA</b>	
	<b>16384</b>	<b>6:35p-7:25p</b>	<b>Tu Th</b>	<b>Harants M</b>	<b>DMC-104</b>	<b>Full Semester</b>
		<b>7:35p-9:00p</b>	<b>Tu Th</b>	<b>Harants M</b>	<b>DMC-104</b>	

There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**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.*

	<b>16271</b>	<b>1:15p-2:05p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-103</b>	<b>Full Semester</b>
		<b>2:15p-3:40p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-135</b>	

There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**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.*

	<b>16273</b>	<b>1:15p-2:05p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-103</b>	<b>Full Semester</b>
		<b>2:15p-3:40p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-135</b>	

There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**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.*

	<b>16292</b>	<b>1:15p-2:05p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-103</b>	<b>Full Semester</b>
		<b>2:15p-3:40p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-135</b>	

There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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.*

	<b>16317</b>	<b>1:15p-2:05p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-103</b>	<b>Full Semester</b>
		<b>2:15p-3:40p</b>	<b>Tu Th</b>	<b>Taylor M</b>	<b>DMC-135</b>	

There is no additional textbook cost for, this Zero Textbook Cost (ZTC) class.

**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.

*Recommended Preparation: Digital Media 112, Digital Media 115A and Digital Media 140 with a minimum grade of C.*

	<b>28288</b>	<b>10:00a-12:05p</b>	<b>Sa</b>	<b>Taylor M</b>	<b>DMC-203</b>	<b>Full Semester</b>
		<b>12:15p-3:25p</b>	<b>Sa</b>	<b>Taylor M</b>	<b>DMC-203</b>	

**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.

	<b>16386</b>			<b>Dermody M</b>	<b>DMC-203</b>	<b>Full Semester</b>
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126 hours arranged per semester.

**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.*

	<b>17381</b>			<b>Dermody M</b>	<b>DMC-203</b>	<b>Full Semester</b>
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126 hours arranged per semester.

**DM 257, ADVANCED MOTION PICTURE TECHNICAL PRODUCTION**

**3.0 UNITS**

This course provides hands-on on practical experience in advanced 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: Digital Media 256*

	<b>17382</b>			<b>Dermody M</b>	<b>DMC-203</b>	<b>Full Semester</b>
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126 hours arranged per semester.

**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.

	<b>30100</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC SC-122</b>	<b>Full Semester</b>
	<b>30101</b>	<b>8:30a-11:30a</b>	<b>F</b>	<b>Staff</b>	<b>SAC SC-122</b>	<b>Full Semester</b>
	<b>30102</b>	<b>6:00p-7:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC SC-122</b>	<b>Full Semester</b>
	<b>30103</b>	<b>7:35p-10:35p</b>	<b>W</b>	<b>Pomeroy D</b>	<b>SAC ZOOM</b>	<b>Full Semester</b>
	<b>30104</b>			<b>Coyne C</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>

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

	<b>32004</b>			<b>Coyne C</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

	<b>30105</b>			<b>Coyne C</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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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 are no additional textbook costs for this ZTC class.

	<b>30106</b>			<b>Coyne C</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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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 are no additional textbook costs for this ZTC class.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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.

<b>C</b>	<b>30107</b>	<b>10:05a-1:05p</b>	<b>Tu</b>	<b>Macias A</b>	<b>SAC SC-118</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>Th</b>	<b>Macias A</b>	<b>SAC SC-118</b>	
<b>C</b>	<b>30108</b>	<b>4:25p-7:25p</b>	<b>Tu</b>	<b>Pomeroy D</b>	<b>SAC SC-118</b>	<b>Full Semester</b>
		<b>4:25p-7:25p</b>	<b>Th</b>	<b>Pomeroy D</b>	<b>SAC SC-118</b>	

**ECONOMICS (ECON)**

**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.*

<b>C</b>	<b>28650</b>	<b>6:00p-7:25p</b>	<b>M W</b>	<b>Crandall T</b>	<b>SAC D-102</b>	<b>Full Semester</b>
<b>C</b>	<b>28652</b>	<b>6:00p-7:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC D-102</b>	<b>Full Semester</b>
<b>C</b>	<b>28663</b>	<b>6:00p-10:05p</b>	<b>W</b>	<b>Do H</b>	<b>SAC D-103</b>	<b>09/04-12/10</b>
<b>O</b>	<b>28647</b>			<b>Allen M</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

**O** Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O** **28654** **Werboff A** **SAC ONLINE** **08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O** **28666** **Staff** **SAC ONLINE** **09/04-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O** **28667** **Allen M** **SAC ONLINE** **10/16-12/10**  
**OER** Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Online Degree Pathway course. Available for all students 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.

**O** **28668** **Staff** **SAC ONLINE** **10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ECON 121, PRINCIPLES/MICRO**

**3.0 UNITS**

Introduction to microeconomics, including basic economic concepts, analysis of markets, efficiency, consumer and firm behavior, industry structures, market failure, and resource markets. For economics, business, and certain engineering and computer science majors.

*Prerequisite: Mathematics 060 or Mathematics 083 or Mathematics 084 with a minimum grade of C.*

<b>C</b>	<b>28678</b>	<b>8:00a-9:50a</b>	<b>Tu Th</b>	<b>Guerra F</b>	<b>SAC D-103</b>	<b>09/04-12/10</b>
<b>C</b>	<b>28671</b>	<b>9:00a-10:25a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC D-209</b>	<b>Full Semester</b>
<b>O</b>	<b>28669</b>			<b>Ames T</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O** **28670** **Crandall T** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O** **28673** **Levine M** **SAC ONLINE** **08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O** **28696** **Staff** **SAC ONLINE** **09/04-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

- 28697** **Do H** **SAC ONLINE** **09/04-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 28698** **Werboff A** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 30775** **Werboff A** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

## EDUCATION (EDUC)

**EDUC 105, EXPLORATION IN THE FIELD OF EDUCATION** **3.0 UNITS**

An exploration in the field of education from early childhood through high school. This course requires 15 hours of structured observation in traditional and non-traditional settings: early childhood, elementary school, middle school, high school, special education, and English Language Development (ELD). Topics will include: a) roles and responsibilities of the teacher, b) teaching and learning of diverse student populations across different education spans, and c) careers in education beyond the classroom teacher.

*Recommended Preparation: Before observation begins, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.*

- H 30014** **Naman T** **SAC HYBRID** **Full Semester**  
**2:00p-3:25p** **W** **Staff** **SAC V-151**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**EDUC 201, INTRODUCTION TO EDUCATION** **3.0 UNITS**

Introduction to the field of education, including historical and philosophical perspectives; school governance and funding; societal influences and student diversity; school curriculum standards; professional standards; and teaching performance expectations. Students will independently complete a minimum of 45 hours of Service Learning (structured observation and internship/fieldwork) in local public elementary school classrooms during the semester. *Recommended Preparation: Education 105 with a minimum grade of C. Before observation begins, verification of the state-mandated Tdap vaccination, MMR immunization, and negative TB test will be required.*

- H 30015** **Naman T** **SAC HYBRID** **Full Semester**  
**6:00p-9:00p** **W** **Naman T** **SAC V-151**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

- H 30016** **Kimmel M** **SAC HYBRID** **Full Semester**  
**9:00a-12:00p** **Tu** **Staff** **SAC V-151**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

**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.

- 28697** **Kimmel M** **SAC ONLINE** **10/16-12/10**  
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**EDUC 205, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES 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.

- 28697** **Kimmel M** **SAC ONLINE** **10/16-12/10**  
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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

## 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.*

<b>C</b> 27579	8:00a-12:55p 12:55p-2:20p	M W M W	Dibb P Dibb P	SAC R-328-2 SAC R-202	Full Semester
<b>C</b> 27580	8:00a-12:55p 12:55p-2:20p	Tu Th Tu Th	Dibb P Dibb P	SAC R-328-2 SAC R-202	Full Semester
<b>C</b> 27581	5:00p-10:15p 8:00a-4:00p	Tu Th Sa	Sullivan K Sullivan K	SAC R-328-2 SAC R-202	Full Semester

### 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.*

<b>C</b> 27582			Dibb P	SAC R-228	Full Semester
A current American Heart Association BASIC BLS CARD is required to be shown the first day of school. FAILURE TO SHOW YOUR AHA CPR CARD WILL RESULT IN BEING DROPPED from the class. Students registered for EMT 105 Section 27582 are required to register for EMT 104 Section 27579. 54 hours to be arranged.					
<b>C</b> 27583			Dibb P	SAC R-228	Full Semester
<b>C</b> 27584			Sullivan K	SAC R-228	Full Semester

### EMT 111, RECERTIFICATION FOR EMT

**2.0 UNITS**

Update emergency medical techniques, equipment, and EMSA policies. Meets state requirements for EMT recertification.

27585	8:00a-5:00p	F Sa	Spriggs J	SAC R-328	09/29-10/07
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## 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.

<b>O</b> 29104			Castellanos C	SAC ONLINE	08/21-10/15
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					

### ENGR 100A, INTRODUCTION TO ENGINEERING

**3.0 UNITS**

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.

<b>C</b> 29105	1:00p-4:10p	Th	Takahashi C	SAC SC-134	Full Semester
<b>C</b> 29106	4:30p-7:40p	Th	Takahashi C	SAC SC-134	Full Semester

### ENGR 100B, INTRODUCTION TO CIVIL ENGINEERING

**2.0 UNITS**

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.

<b>O</b> 29110			Castellanos C	SAC ONLINE	10/16-12/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					

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Low Cost or  
Free Textbooks

OER

ZTC

Honors Courses:

HONORS

**ENGR 103, SOLIDWORKS BEGINNING SOLID MODELING 3.0 UNITS**

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.

**H 29494** **Buechler M** **SAC HYBRID** **Full Semester**  
**7:10p-10:20p** **F** **Staff** **SAC T-203**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**H 29496** **Buechler M** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ENGR 104, SOLIDWORKS INTERMEDIATE SOLID MODELING 3.0 UNITS**

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.*

**O 29497** **Corley G** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

**O 29499** **Corley G** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ENGR 111, BASIC MECHANICAL BLUEPRINT READING 2.0 UNITS**

Reading and interpreting blueprints for manufacturing technologies.

**C 29500** **5:00p-7:05p** **F** **Bright T** **SAC R-126** **Full Semester**

This class meets 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.

**O 29501** **Corley G** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**C 29111** **6:00p-8:30p** **W** **Takahashi C** **SAC A-225** **Full Semester**  
**8:30p-9:55p** **W** **Takahashi C** **SAC A-225**

**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.*

**C 29112** **6:00p-8:30p** **W** **Takahashi C** **SAC A-225** **Full Semester**  
**8:30p-9:55p** **W** **Takahashi C** **SAC A-225**

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**ENGR 131, INTRODUCTION TO MECHATRONICS**

**0.5 UNIT**

Course provides exposure to micro-controllers and rapid-prototyping technologies used in mechatronics and engineering. Course provides a good introduction to the Engineering Mechatronics program.

**C 29115 9:00a-12:00p F Takahashi C SAC SC-134 10/20-11/03**

**ENGR 132, INTRODUCTION TO ROBOTICS**

**2.0 UNITS**

Introductory course in robotics. Topics include: basic design, sensors, actuators, circuits, programming, micro-controllers, and a hands-on robot construction project.

**C 29119 10:00a-12:05p Th Takahashi C SAC SC-134 Full Semester**

**ENGR 133, MECHATRONICS I**

**3.0 UNITS**

A first course in mechatronics. Topics emphasize hands-on work and include: solid modeling design, microcontrollers and programming, rapid prototype fabrication, testing, measurement, actuators, sensors, and basic electronics. Prior experience with Solidworks, Arduino, and basic algebra is suggested but not required.

**C 29120 8:30a-11:00a Tu Staff SAC SC-134 Full Semester**  
**11:10a-12:35p Tu Staff SAC SC-134**

**ENGR 134, MECHATRONICS II**

**3.0 UNITS**

A second course in mechatronics. Topics emphasize hands-on work and include: solid-modeling design, rapid prototype fabrication, testing, measurement, micro-controllers, programming, industrial robotics, and PLC control. Prior experience or coursework in Solidworks, Arduino, and basic algebra is strongly suggested.

*Prerequisite: Engineering 133 with a minimum grade of C.*

**C 29123 8:30a-11:00a Tu Staff SAC SC-134 Full Semester**  
**11:10a-12:35p Tu Staff SAC SC-134**

**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.

**C 29503 12:50p-1:20p Tu Th Buechler M SAC T-107 Full Semester**  
**9:05a-12:40p Tu Th Buechler M SAC T-107**  
 This class meets on-campus.

**C 29504 8:45p-9:15p Tu Th Buechler M SAC T-107 Full Semester**  
**5:00p-8:35p Tu Th Buechler M SAC T-107**  
 This class meets on-campus.

**C 29505 9:15p-9:45p M W Bright T SAC T-101 Full Semester**  
**5:30p-9:05p M W Bright T SAC T-107**  
 This class meets on-campus.

**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

**O 32492 Tse H SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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

**O 32493 Tse H SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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).*

**C 29129 10:00a-1:10p W Takahashi C SAC A-210 Full Semester**

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Honors Courses:

 HONORS

**ENGLISH (ENGL)****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.*

<b>C</b>	<b>28860</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Sosta R</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28860 is linked to ENGL 101 28890. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28823</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Pelle M</b>	<b>SAC D-110</b>	<b>Full Semester</b>
	Section 28823 is linked to ENGL 101 28867. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28825</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Jure J</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28825 is linked to ENGL 101 28872. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28826</b>	<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC D-108</b>	<b>Full Semester</b>
	Section 28826 is linked to ENGL 101 28874. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28862</b>	<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>Sosta R</b>	<b>SAC D-201</b>	<b>Full Semester</b>
	Section 28862 is linked to ENGL 101 28891. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28824</b>	<b>10:40a-12:05p</b>	<b>Tu Th</b>	<b>Simmerman S</b>	<b>SAC G-106</b>	<b>Full Semester</b>
	Section 28824 is linked to ENGL 101 28868. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28863</b>	<b>10:40a-12:05p</b>	<b>M W</b>	<b>Bootman A</b>	<b>SAC G-106</b>	<b>Full Semester</b>
	Section 28863 is linked to ENGL 101 28892. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28827</b>	<b>12:25p-1:50p</b>	<b>M W</b>	<b>Simmerman S</b>	<b>SAC D-108</b>	<b>Full Semester</b>
	Section 28827 is linked to ENGL 101 28875. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28829</b>	<b>12:25p-1:50p</b>	<b>Tu Th</b>	<b>Cano M</b>	<b>SAC D-213</b>	<b>Full Semester</b>
	Section 28829 is linked to ENGL 101 28876. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28830</b>	<b>12:25p-1:50p</b>	<b>M W</b>	<b>Arambula M</b>	<b>SAC D-213</b>	<b>Full Semester</b>
	Section 28830 is linked to ENGL 101 28877. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28832</b>	<b>12:25p-1:50p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC D-214</b>	<b>Full Semester</b>
	Section 28832 is linked to ENGL 101 28879. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28848</b>	<b>3:30p-4:55p</b>	<b>M W</b>	<b>Kelley S</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28848 is linked to ENGL 101 28880. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28849</b>	<b>3:30p-4:55p</b>	<b>Tu Th</b>	<b>Findlay A</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28849 is linked to ENGL 101 28881. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28857</b>	<b>6:00p-9:10p</b>	<b>W</b>	<b>Carey J</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28857 is linked to ENGL 101 28889. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28853</b>	<b>7:35p-9:00p</b>	<b>Tu Th</b>	<b>Walsh B</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28853 is linked to ENGL 101 28885. Enrollment in both sections is mandatory.					

**ENGL 101, FRESHMAN COMPOSITION 4.0 UNITS**

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

*EMLS 112 or ENGL 061 or ENGL 061X: English 061 or English 061X or English for Multilingual Students 112 with a minimum grade of C or qualifying profile from English placement process.*

<b>C</b>	<b>28867</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Pelle M</b>	<b>SAC D-110</b>	<b>Full Semester</b>
	Section 28867 is linked to ENGL 066 28823. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28872</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Jure J</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28872 is linked to ENGL 066 28825. Enrollment in both sections is mandatory. 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.					
<b>C</b>	<b>28874</b>	<b>7:50a-9:55a</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC D-108</b>	<b>Full Semester</b>
	Section 28874 is linked to ENGL 066 28826. Enrollment in both sections is mandatory.					
<b>C</b>	<b>29036</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Bassett D</b>	<b>SAC D-208</b>	<b>Full Semester</b>
<b>C</b>	<b>29046</b>	<b>7:50a-9:55a</b>	<b>Tu Th</b>	<b>Isbell J</b>	<b>SAC D-110</b>	<b>Full Semester</b>
<b>C</b>	<b>29049</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Isbell J</b>	<b>SAC D-302</b>	<b>Full Semester</b>
<b>C</b>	<b>29154</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Keefer S</b>	<b>SAC I-106</b>	<b>Full Semester</b>
<b>C</b>	<b>29166</b>	<b>7:50a-9:55a</b>	<b>Tu Th</b>	<b>Rahim M</b>	<b>SAC D-109</b>	<b>Full Semester</b>

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**Honors Courses:**

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<b>C</b>	<b>29175</b>	<b>7:50a-9:55a</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC D-201</b>	<b>Full Semester</b>
<b>C</b>	<b>29178</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Chao I</b>	<b>SAC I-107</b>	<b>Full Semester</b>
<b>C</b>	<b>29179</b>	<b>7:50a-9:55a</b>	<b>Tu Th</b>	<b>Dongell R</b>	<b>SAC D-210</b>	<b>Full Semester</b>
<b>C</b>	<b>29086</b>	<b>9:00a-1:15p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC D-210</b>	<b>Full Semester</b>
<b>C</b>	<b>28875</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Simmerman S</b>	<b>SAC D-108</b>	<b>Full Semester</b>
	Section 28875 is linked to ENGL 066 28827. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28876</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Cano M</b>	<b>SAC D-213</b>	<b>Full Semester</b>
	Section 28876 is linked to ENGL 066 28829. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28877</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Arambula M</b>	<b>SAC D-213</b>	<b>Full Semester</b>
	Section 28877 is linked to ENGL 066 28830. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28879</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC D-214</b>	<b>Full Semester</b>
	Section 28879 is linked to ENGL 066 28832. Enrollment in both sections is mandatory.					
<b>C</b>	<b>29032</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Diller J</b>	<b>SAC D-204</b>	<b>Full Semester</b>
	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.					
						
<b>C</b>	<b>29037</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Isbell J</b>	<b>SAC D-305</b>	<b>Full Semester</b>
<b>C</b>	<b>29062</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Applegate E</b>	<b>SAC D-205</b>	<b>Full Semester</b>
<b>C</b>	<b>29063</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Isbell J</b>	<b>SAC D-303</b>	<b>Full Semester</b>
<b>C</b>	<b>29082</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Kelley S</b>	<b>SAC D-110</b>	<b>Full Semester</b>
	Puente Program Only Section: 29082, ENGL-101 is linked to Section: 29792, CNSL 100. Enrollment in both sections is mandatory.					
<b>C</b>	<b>29090</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Rocke B</b>	<b>SAC D-305</b>	<b>Full Semester</b>
<b>C</b>	<b>29102</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Rocke B</b>	<b>SAC G-107</b>	<b>Full Semester</b>
<b>C</b>	<b>29140</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Martinez Guzman D</b>	<b>SAC D-109</b>	<b>Full Semester</b>
<b>C</b>	<b>29155</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC D-201</b>	<b>Full Semester</b>
<b>C</b>	<b>29181</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Dongell R</b>	<b>SAC D-309</b>	<b>Full Semester</b>
<b>C</b>	<b>29193</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Villa B</b>	<b>SAC D-107</b>	<b>Full Semester</b>
<b>C</b>	<b>29212</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Beyersdorf M</b>	<b>SAC G-107</b>	<b>Full Semester</b>
<b>C</b>	<b>29213</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Lujan A</b>	<b>SAC D-210</b>	<b>Full Semester</b>
<b>C</b>	<b>28880</b>	<b>1:15p-3:20p</b>	<b>M W</b>	<b>Kelley S</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28880 is linked to ENGL 066 28848. Enrollment in both sections is mandatory.					
<b>C</b>	<b>28881</b>	<b>1:15p-3:20p</b>	<b>Tu Th</b>	<b>Findlay A</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28881 is linked to ENGL 066 28849. Enrollment in both sections is mandatory.					
<b>C</b>	<b>29052</b>	<b>1:15p-3:20p</b>	<b>Tu Th</b>	<b>Diller J</b>	<b>SAC D-210</b>	<b>Full Semester</b>
	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.					
						
<b>C</b>	<b>29088</b>	<b>1:15p-3:20p</b>	<b>M W</b>	<b>Martinez Guzman D</b>	<b>SAC D-109</b>	<b>Full Semester</b>
<b>C</b>	<b>29107</b>	<b>1:15p-3:20p</b>	<b>M W</b>	<b>Prothero J</b>	<b>SAC D-103</b>	<b>Full Semester</b>
<b>C</b>	<b>29139</b>	<b>1:15p-3:20p</b>	<b>M W</b>	<b>Applegate E</b>	<b>SAC D-212</b>	<b>Full Semester</b>
<b>C</b>	<b>29152</b>	<b>1:15p-3:20p</b>	<b>Tu Th</b>	<b>Malone T</b>	<b>SAC D-103</b>	<b>Full Semester</b>
<b>C</b>	<b>29184</b>	<b>1:15p-3:20p</b>	<b>Tu Th</b>	<b>Lujan A</b>	<b>SAC D-309</b>	<b>Full Semester</b>
	ULINK Program Section: 29184-ENGL-101 is linked to Section: CNSL-107-29855. Enrollment in both sections is mandatory.					
<b>C</b>	<b>29201</b>	<b>1:15p-3:20p</b>	<b>Tu Th</b>	<b>Villa B</b>	<b>SAC D-305</b>	<b>Full Semester</b>
<b>C</b>	<b>28885</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Walsh B</b>	<b>SAC D-107</b>	<b>Full Semester</b>
	Section 28885 is linked to ENGL 066 28853. Enrollment in both sections is mandatory.					
<b>C</b>	<b>29054</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Kelley S</b>	<b>SAC D-201</b>	<b>Full Semester</b>
<b>C</b>	<b>29093</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Pham J</b>	<b>SAC D-110</b>	<b>Full Semester</b>
<b>C</b>	<b>29176</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Malone T</b>	<b>SAC D-108</b>	<b>Full Semester</b>
<b>C</b>	<b>29191</b>	<b>5:20p-7:25p</b>	<b>M W</b>	<b>Pham J</b>	<b>SAC D-213</b>	<b>Full Semester</b>
<b>C</b>	<b>29034</b>	<b>6:00p-10:15p</b>	<b>W</b>	<b>Arigo E</b>	<b>SAC D-109</b>	<b>Full Semester</b>

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or  
Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

	<b>29177</b>	<b>6:00p-10:15p</b>	<b>M</b>	<b>Staff</b>	<b>SAC D-109</b>	<b>Full Semester</b>
	<b>29084</b>	<b>7:35p-9:40p</b>	<b>M W</b>	<b>Jorgensen C</b>	<b>SAC D-208</b>	<b>Full Semester</b>
	Instructor has elected to use Open Educational Resources (OER) for this course and will provide a link to your course materials. There is only a \$20 material fee. There is no additional textbook cost.					
	<b>29170</b>	<b>7:35p-9:40p</b>	<b>Tu Th</b>	<b>Swanlund B</b>	<b>SAC D-110</b>	<b>Full Semester</b>
	<b>28868</b>			<b>Simmerman S</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Section 28868 is linked to ENGL 066 28824. Enrollment in both sections is mandatory. Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
	<b>28889</b>			<b>Carey J</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Section 28889 is linked to ENGL 066 28857. Enrollment in both sections is mandatory. Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for this course and will provide a link to your course materials. There is only a \$20 material fee. There is no additional textbook cost.					
	<b>28890</b>			<b>Sosta R</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Section 28890 is linked to ENGL 066 28860. Enrollment in both sections is mandatory. Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
	<b>28891</b>			<b>Sosta R</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Section 28891 is linked to ENGL 066 28862. Enrollment in both sections is mandatory. Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
	<b>28892</b>			<b>Bootman A</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Section 28892 is linked to ENGL 066 28863. Enrollment in both sections is mandatory. Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
	<b>29012</b>			<b>Axtell C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
	<b>29017</b>			<b>Axtell C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
	<b>29021</b>			<b>Sosta R</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
	<b>29033</b>			<b>Bennett G</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.					
	<b>29040</b>			<b>Bennett G</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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.					
	<b>29041</b>			<b>Bassett D</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
	<b>29043</b>			<b>Bassett D</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
	<b>29047</b>			<b>Bassett D</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					

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**Low Cost or Free Textbooks**  
**OER**  
**ZTC**  
**Honors Courses:**  
**HONORS**

- 29048** **Rocke B** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29050** **Simmerman S** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29051** **Bootman A** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29079** **Ramshaw C** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29083** **Ramshaw C** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29085** **Ramshaw C** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29087** **Ramshaw C** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29089** **Groves C** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29097** **Rocke B** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29098** **Arnold G** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29099** **Arnold G** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- 29100** **Nguyen P** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
- 29109** **Nguyen P** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Online Degree Pathway course. Available for all students 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.
- 29146** **Higgins C** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
- 29147** **Higgins C** **SAC HYBRID** **08/21-10/15**  
**10:05a-12:10p** **M W** **Higgins C** **SAC D-304**  
 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.
- 29149** **10:05a-12:10p** **MW** **Chao I** **SAC D-309** **Full Semester**
- 29151** **Ozima M** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

- O** **29180** **Vermillion M SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O** **29186** **Higgins C SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
- O** **29188** **Swanlund B SAC ONLINE 09/18-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- H** **29190** **Higgins C SAC HYBRID 10/16-12/10**  
 **10:05a-12:10p M W Higgins C SAC D-210**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu) 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.
- O** **29195** **Vermillion M SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O** **29198** **Whynaught J SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
- O** **29199** **Enke N SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
- O** **29215** **Aziz S SAC ONLINE 09/18-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.
- O** **29216** **Elliott M SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**† 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.  
*EML 112 or ENGL 061 or ENGL 061X: 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.*

- O** **29217** **Bassett D SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- OL** **29218** **10:05a-12:10p Tu Th Patterson K SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. ULINK Program Section: 29218-ENGL-101H is linked to Section: CNSL-107-29864 and ANTH-100H-29869. Enrollment in all sections is mandatory.

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

	<b>29219</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Axtell C</b>	<b>SAC D-302</b>	<b>Full Semester</b>
	<b>29226</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Martinez Guzman D</b>	<b>SAC D-109</b>	<b>Full Semester</b>
	<b>29221</b>	<b>1:15p-3:20p</b>	<b>Tu Th</b>	<b>Martinez Guzman D</b>	<b>SAC D-302</b>	<b>Full Semester</b>
	<b>29220</b>			<b>Hunter C</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

	<b>29222</b>			<b>Axtell C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

	<b>29223</b>			<b>Diller J</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

	<b>29224</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

	<b>29225</b>			<b>Corp S</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

	<b>29229</b>			<b>Ramshaw C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

	<b>29230</b>			<b>Call V</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

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

	<b>29231</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Axtell C</b>	<b>SAC D-302</b>	<b>Full Semester</b>
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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. *ENGL 101 or ENGL 101H: English 101 or English 101H with a minimum grade of C.*

	<b>29241</b>	<b>7:50a-9:55a</b>	<b>Tu Th</b>	<b>Beyersdorf M</b>	<b>SAC D-302</b>	<b>Full Semester</b>
	<b>29233</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Kelley S</b>	<b>SAC D-302</b>	<b>Full Semester</b>
	<b>29245</b>	<b>1:15p-3:20p</b>	<b>M W</b>	<b>Bootman A</b>	<b>SAC D-110</b>	<b>Full Semester</b>
	<b>29234</b>			<b>Beyersdorf M</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

	<b>29235</b>			<b>Beyersdorf M</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

	<b>29236</b>			<b>Diller J</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

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**ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

OER

ZTC

Honors Courses:

HONORS

- O** 29237 **Villa B SAC ONLINE 08/21-10/15**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- H** 29238 **Bennett G SAC HYBRID Full Semester**  
**11:00a-1:00p M Bennett G SAC I-109**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- O** 29244 **Villa B SAC ONLINE 10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- † 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.  
*ENGL 101 or ENGL 101H: A college GPA or high school GPA for first term college students of 3.0 or higher and English 101 or English 101H with a minimum grade of C.*
- H** 29246 **Bennett G SAC HYBRID Full Semester**  
**11:00a-1:00p M Staff SAC I-109**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- 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.*
- OL** 29288 **6:00p-9:10p W Patterson K SAC ZOOM Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
- 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.*
- C** 29291 **1:15p-2:40p Tu Th Staff SAC I-108 Full Semester**
- 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.*
- H** 29292 **Axtell C SAC HYBRID Full Semester**  
**5:00p-7:00p M Staff SAC D-214**  
On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- VH** 29295 **Patterson K SAC ONLINE Full Semester**  
**6:00p-9:10p Tu Staff SAC ZOOM**  
Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
- O** 29298 **Bennett G SAC ONLINE Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- ENGL 272, SURVEY OF WORLD LITERATURE II 3.0 UNITS**  
Survey of world literary masterworks since the Renaissance studied for artistic form, cultural influence, and contributions to modern and contemporary thought.  
*Prerequisite: English 101 or English 101H with a minimum grade of C.*
- O** 29299 **Bennett G SAC ONLINE Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**ENGL 278, SURVEY OF LITERATURE BY WOMEN**

**3.0 UNITS**

An historical survey of literature by women. Will include short stories, novels, plays, poetry, and non-fiction.

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

**29300**

**Staff**

**SAC ONLINE**

**Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ENGLISH FOR 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.

**29946**

**1:15p-2:40p**

**M W**

**Mowrer M**

**SAC D-209**

**Full Semester**

**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, verbals, modals, nouns, pronouns, compound and complex sentences. Revision and editing.

*Recommended Preparation: Completion of EMLS self-guided placement is recommended. Concurrent enrollment English Multilingual Students 104 is recommended.*

**29942**

**1:15p-2:40p**

**Tu Th**

**Mowrer M**

**SAC D-208**

**Full Semester**

**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.*

**29944**

**10:05a-12:35p**

**Tu Th**

**Mowrer M**

**SAC D-209**

**Full Semester**

**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.

**30735**

**10:05a-12:11p**

**M W**

**Mowrer M**

**SAC D-208**

**Full Semester**

**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.

**29945**

**10:05a-12:10p**

**M W**

**Staff**

**SAC I-209**

**Full Semester**

**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.

**29382**

**6:00p-8:00p**

**Th**

**Solares E**

**SAC ONLINE**

**08/21-10/15**

**Yamada S**

**SAC ZOOM**

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.

**29383**

**Vonheim E**

**SAC ONLINE**

**10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There will be no instruction on-campus.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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.

**29384** **Nguyen K SAC ONLINE 08/21-09/17**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29385** **Nguyen K SAC ONLINE 08/21-09/17**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29387** **Nguyen K SAC ONLINE 09/18-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29388** **Vonheim E SAC ONLINE 09/18-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29390** **Yamada S SAC ONLINE 10/16-11/12**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29391** **Vonheim E SAC ONLINE 10/16-11/12**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**ENTR 130, BUSINESS WRITING FOR SOCIAL MEDIA 1.0 UNIT**  
 Learn how to write professional business content for social media and digital marketing by focusing on purpose and intended audiences. Learn proper techniques and innovative marketing writing strategies to become effective at using current industry standard social media platforms such as Instagram, Twitter, Facebook, Snapchat, Pinterest, and YouTube videos.

**29392** **Staff SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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Low Cost or  
Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

## ENVIRONMENTAL STUDIES (ENVR)

### 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)

**C 30214 10:05a-11:30a M W Staff SAC I-203 Full Semester**

## ETHNIC STUDIES (ETHN)

### ETHN 150, 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. A trans-disciplinary, multisectoral, and multidimensional approach will be employed to study the social, cultural, political, and economic aspects of four ethnic groups -- Native/First People Americans, African/Black Americans, Chicana/Chicano/Chicanx/Xicana/Xicano/Xicanx/Latina/Latina /Latino/Latine/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 150H.

**C 29413 11:40a-1:05p Tu Th Camacho J SAC I-208 Full Semester**

 There is no additional textbook cost for this ZTC class.

**C 29412 6:30p-9:40p Th Gonzalez T SAC D-214 Full Semester**

 There is no additional textbook cost for this ZTC class.

**O 29407 Valles R SAC ONLINE Full Semester**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**O 29408 Valles R SAC ONLINE Full Semester**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**O 29409 Valles R SAC ONLINE 08/21-10/15**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**O 29411 Valles R SAC ONLINE 10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**O 29414 Herrera R SAC ONLINE 10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class. Online Degree Pathway course. Available for all students

**O 30201 Pennings M SAC ONLINE 08/21-12/21**

 This is a Dual Enrollment class designed for Century High School students only. Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**O 30206 Pennings M SAC ONLINE 08/21-12/21**

 This is a Dual Enrollment class designed for Century High School students only. Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**O 30209 Gonzalez T SAC ONLINE 08/21-12/21**

 This is a Dual Enrollment class designed for Godinez High School students only. Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**O 30210 Camacho J SAC ONLINE 08/21-12/21**

 This is a Dual Enrollment class designed for Santa Ana Virtual Academy (SAVA) students only. Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

## FASHION DESIGN MERCHANDISING (FDM)

### FDM 080, EMBROIDERY

**1.5 UNITS**

Applied techniques of embroidered decorative embellishments using embroidery software and machinery.

<b>C</b>	<b>25960</b>	<b>9:30a-10:20a</b>	<b>Sa</b>	<b>Garcia K</b>	<b>SAC T-201</b>	<b>10/16-12/10</b>
		<b>10:30a-11:55a</b>	<b>Sa</b>	<b>Garcia K</b>	<b>SAC T-213</b>	

This class meets on-campus.

### 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.

<b>C</b>	<b>25962</b>	<b>1:00p-2:10p</b>	<b>W</b>	<b>Nance D</b>	<b>SAC T-201</b>	<b>Full Semester</b>
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This class meets on-campus.

<b>O</b>	<b>25961</b>			<b>Benson K</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

### 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.

<b>O</b>	<b>25963</b>			<b>Libolt R</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

### 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.

<b>O</b>	<b>25964</b>			<b>Elston L</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>H</b>	<b>25965</b>			<b>Elston L</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
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**9:00a-12:00p M**

**Elston L SAC T-201**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

### 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.

<b>H</b>	<b>25966</b>			<b>Benson K</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
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**9:00a-12:05p Tu**

**Benson K SAC T-201**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

<b>O</b>	<b>25967</b>			<b>Benson K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>H</b>	<b>25968</b>			<b>Benson K</b>	<b>SAC HYBRID</b>	<b>10/16-12/10</b>
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**10:00a-2:05p F**

**Benson K SAC T-201**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

<b>O</b>	<b>25969</b>			<b>Benson K</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or  
Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**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.*

<b>OL</b>	<b>25970</b>	<b>11:00a-1:05p</b>	<b>Th</b>	<b>Bonsall L</b>	<b>SAC ZOOM</b>	<b>Full Semester</b>
		<b>1:15p-4:25p</b>	<b>Th</b>	<b>Bonsall L</b>	<b>SAC ZOOM</b>	

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

<b>C</b>	<b>25971</b>	<b>11:00a-1:05p</b>	<b>Th</b>	<b>Bonsall L</b>	<b>SAC T-201</b>	<b>Full Semester</b>
		<b>1:15p-4:25p</b>	<b>Th</b>	<b>Bonsall L</b>	<b>SAC T-201</b>	

This class meets on-campus.

**FDM 109, FLAT PATTERN TECHNIQUES**

**3.0 UNITS**

Students learn to pattern draft garments using 3D software and also export their patterns to paper to be cut and sewn into fabric samples. Includes development of the basic body sloper, collars, necklines, skirts, waistlines, sleeves, panels, and yokes. POM (Point of Measurement) specifications are discussed in relation to both pattern development and finished garments.

<b>VH</b>	<b>30174</b>			<b>Benson K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
		<b>1:00p-3:25p</b>	<b>Tu</b>	<b>Benson K</b>	<b>SAC ZOOM</b>	

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

<b>O</b>	<b>30175</b>			<b>Benson K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>VH</b>	<b>30177</b>			<b>Benson K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
		<b>1:00p-3:25p</b>	<b>Tu</b>	<b>Benson K</b>	<b>SAC ONLINE</b>	

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.*

<b>C</b>	<b>25975</b>	<b>11:00a-1:05p</b>	<b>Th</b>	<b>Bonsall L</b>	<b>SAC T-201</b>	<b>Full Semester</b>
		<b>1:15p-4:25p</b>	<b>Th</b>	<b>Bonsall L</b>	<b>SAC T-201</b>	

This class meets on-campus.

<b>OL</b>	<b>25976</b>	<b>11:00a-1:05p</b>	<b>Th</b>	<b>Bonsall L</b>	<b>SAC ZOOM</b>	<b>Full Semester</b>
		<b>1:15p-4:25p</b>	<b>Th</b>	<b>Bonsall L</b>	<b>SAC ZOOM</b>	

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

<b>O</b>	<b>25977</b>			<b>Benson K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>VH</b>	<b>25978</b>			<b>Benson K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
		<b>9:00a-12:00p</b>	<b>W</b>	<b>Benson K</b>	<b>SAC ZOOM</b>	

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks



Honors Courses:



**25979** Benson K SAC ONLINE Full Semester  
 9:00a-12:00p W Benson K SAC T-201  
 On-Campus Hybrid Instruction. A combination of on-campus Lab meetings during the days and times indicated and online instruction. Students log in to Canvas [canvas.sac.edu](https://canvas.sac.edu).

**FDM 112, INTERMEDIATE FLAT PATTERN MAKING** 3.5 UNITS  
 A continuation of FDM 109 Flat Pattern Techniques, this course covers intermediate pattern drafting techniques not covered in FDM 109. Students learn to draft patterns for garments using 3D software and also export their patterns to paper to be cut and sewn into fabric samples. Includes development of patterns for various pants (culotte, trouser, slack, dungarees/overalls) and a tailored jacket. Other drafting techniques include various plackets, bias cut dresses, inserted and accordion pockets, various sleeve shapes, kimonos, dolmens, drop shoulders. POM (Point of Measurement) specifications are discussed in relation to both pattern development and finished garments.  
*Prerequisite: Fashion Design and Merchandising 109 with a minimum grade of C.*

**30176** Benson K SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**FDM 114, 3D DESIGN** 3.0 UNITS  
 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.*

**25981** Carrillo J SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**VH 25982** Carrillo J SAC ZOOM Full Semester  
 6:00p-9:00p W Carrillo J SAC ZOOM  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**FDM 299, COOPERATIVE WORK EXPERIENCE EDUCATION** 1.0 - 6.0 UNITS  
 This work experience course of supervised employment is designed to assist students to acquire career awareness, work habits, attitudes and skills related to the student's college major. Credit may be accrued at the rate of one to six units per semester. One unit of course credit equals 75 hours of paid work or 60 hours of unpaid work. Student repetition up to 16 units is permissible per Title 5, Section 55253.  
*Recommended Preparation: 12 units of Fashion Design Merchandising courses completed with C or better.*  
 Open Entry / Open Exit

**25983** Nance D SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**25984** Carrillo J SAC ONLINE 10/16-12/10  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

## FIRE ACADEMY (FAC)

**FAC 007, STRENGTH AND CONDITIONING FOR THE FIRE SERVICE** 2.0 UNITS  
 Strength and conditioning course for students preparing for a career in the Fire Service. Emphasis will be placed on metabolic conditioning and strength development to meet the demand of fireground activities, attaining fireground movement competency and to obtain a passing score on the Physical Ability Test (PAT).  
*Corequisite: Concurrent enrollment in Fire Academy 050 and Fire Academy 060A.*

**C 27785** 6:00a-6:20a M W F Leafblad R JPT-CN Full Semester  
 6:20a-8:25a M W F Leafblad R JPT-CN

**FAC 008, BIDDLE PHYSICAL ABILITY TEST (PAT)** 0.1 UNIT  
 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.

**C 27791** 7:30a-8:30a Su Meloni J JPT-CN 09/17-09/17  
 8:30a-11:30a Su Meloni J JPT-CN  
**C 27792** 7:30a-8:30a Su Meloni J JPT-CN 10/08-10/08  
 8:30a-11:30a Su Meloni J JPT-CN

**O** ONLINE: Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** FULLY ONLINE LIVE: Fully Online Live Instruction - Live streaming instruction via Zoom

**H** HYBRID: On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** VIRTUAL HYBRID: Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** ON CAMPUS W/VIRTUAL: On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** ON-CAMPUS: On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

<b>C</b>	<b>27793</b>	<b>7:30a-8:30a</b>	<b>Su</b>	<b>Meloni J</b>	<b>JPT-CN</b>	<b>10/29-10/29</b>
		<b>8:30a-11:30a</b>	<b>Su</b>	<b>Meloni J</b>	<b>JPT-CN</b>	
<b>C</b>	<b>27794</b>	<b>7:30a-8:30a</b>	<b>Su</b>	<b>Meloni J</b>	<b>JPT-CN</b>	<b>11/19-11/19</b>
		<b>8:30a-11:30a</b>	<b>Su</b>	<b>Meloni J</b>	<b>JPT-CN</b>	

**FAC 018B, BEGINNING FIRE PHYSICAL ABILITY TRAINING 0.1 - 0.5 UNITS**

Students will be introduced to the events of the "Biddle" Fire Fighter Physical Ability Test (Fire Academy 008). This is a supplemental learning assistance course designed to prepare the student for participation and successful completion of FAC 008. Students will perform physical 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

<b>C</b>	<b>27799</b>	<b>8:45a-1:45a</b>	<b>F</b>	<b>Coots C</b>	<b>CJTC-SD</b>	<b>Full Semester</b>
<b>C</b>	<b>27796</b>	<b>6:00p-8:00p</b>	<b>W</b>	<b>Coots C</b>	<b>CJTC-SD</b>	<b>Full Semester</b>

**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

<b>C</b>	<b>27801</b>	<b>6:00a-8:00p</b>	<b>W</b>	<b>Coots C</b>	<b>CJTC-SD</b>	<b>Full Semester</b>
<b>C</b>	<b>27802</b>	<b>8:45a-10:45a</b>	<b>F</b>	<b>Coots C</b>	<b>CJTC-SD</b>	<b>Full Semester</b>

**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

<b>C</b>	<b>27804</b>	<b>8:45a-10:45a</b>	<b>F</b>	<b>Coots C</b>	<b>CJTC-SD</b>	<b>Full Semester</b>
<b>C</b>	<b>27803</b>	<b>6:00p-8:00p</b>	<b>W</b>	<b>Coots C</b>	<b>CJTC-SD</b>	<b>Full Semester</b>

**FAC 031, FIRE SPECIALIST ACADEMY, VEHICLE RESCUE AND EXTRICATION 0.5 UNIT**

Provides hand-on experience in the procedures and systems utilized during an automotive extrication. Subjects covered include: vehicle extrication, types of hand and power tools, removing windows, opening doors, removing roofs, pulling steering wheels, moving foot pedals, raising dashboards, pulling seats, stabilization of vehicles, and simulated rescues of trapped victims. Not offered every semester. There may be additional material fees.

*Prerequisite: Firefighter I training (certification not required); and public safety First Aid and CPR (CA Health and Safety Code 1979.182); and Full structural personal protective equipment (including eye and hand protection).*

<b>C</b>	<b>27790</b>	<b>8:35a-11:15a</b>	<b>M Th F</b>	<b>Butler T</b>	<b>JPT-CN</b>	<b>Full Semester</b>
		<b>12:15p-2:55p</b>	<b>M Th F</b>	<b>Butler T</b>	<b>JPT-CN</b>	

**FAC 060A, BASIC FIRE ACADEMY- FIRE FIGHTER 1A STRUCTURE 10.0 UNITS**

This course provides the first level of professional training needed to obtain California Fire Fighter 1 (2019) certification. Students will learn the skills and knowledge needed for the entry-level fire fighter to perform structural suppression activities. Key learning concepts include: fire fighter safety; communications; cleaning, maintaining, and utilizing equipment and tools; building construction and fire behavior; water supply; ladder operations; forcing entry into a structure; conducting search and rescue operations; attacking an interior structure fire; horizontal and vertical ventilation; property conservation; fire scene overhaul; fire fighter survival; and fire suppression with Class A materials, vehicles, and ground cover. Students are required to complete all applicable certification exams. All Fire Fighter 1 (2019) cognitive exam modules will be delivered through the State Fire Training User Portal. State Fire Training will issue IFSAC and Pro Board accredited certifications to all eligible applicants for California Fire Fighter 1 (2019) certification. Material fees required. Students must rent approved turn-outs and other personal protective equipment from designated vendor. Departmental approval required for enrollment.

*Prerequisite: Fire Technology 101, 102, 103, 104, 105, 106, 121, and Fire Academy 008 with a minimum grade of C. And Fire Technology 121L with a minimum grade of P. And Current CPR Healthcare Provider certification or equivalent, and Possession of current NREMT (National Registry Emergency Medical Technician) Certification, and Prerequisite NFPA 1582 Medical Clearance dated within two years of the course start*

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**C 27786**      **8:35a-10:05a**    **M Tu W Th F Sa Su**    **Butler T**    **JPT-CN**    **Full Semester**  
**10:05a-4:40p**    **M Tu W Th F Sa Su**    **Butler T**    **JPT-CN**

**FAC 060B, FIREFIGHTER 1B - HAZARDOUS MATERIALS/ WMD** **1.0 UNIT**

This course provides the awareness skills and knowledge needed for the entry-level firefighter to recognize and identify hazardous materials and weapons of mass destruction (WMD), isolate hazards and deny entry, and initiate required notification. At the operations level, this course provides the skills and knowledge needed to identify incident scope; select, use, and inspect PPE; perform emergency decontamination; perform assigned tasks at a hazardous materials/WMD incident including product control techniques; and evaluate and report incident progress (2019). A California Firefighter 1 certification contains three levels of Professional Qualifications set by the National Fire Protection Association (NFPA). FF 1B includes the second level of professional qualifications: NFPA 1072: Hazardous Material Awareness and Operations. Material fees required.

**C 27788**      **8:00a-12:30p**    **M Tu W F**    **Butler T**    **JPT-CN**    **Full Semester**  
**1:30p-3:30p**    **M Tu W F**    **Butler T**    **JPT-CN**

**FAC 060C, FIREFIGHTER 1C - WILDLAND FIREFIGHTER 1** **2.0 UNITS**

This course provides the skills and knowledge needed for the entry-level firefighter to recognize hazards and unsafe situations; don, doff, and maintain wild and personal protective equipment; deploy a fire shelter; maintain suppression hand tools and equipment; assemble and prepare for response; construct and secure a fire line; reduce the threat of fire exposure to improved properties; and mop up and patrol a fire area when working with wild land fires. Firefighter 1C, Wildland Course Plan (2016) A California Firefighter 1 certification contains three levels of Professional Qualifications set by the National Fire Protection Association (NFPA). FF1C includes the third level of professional qualifications: NFPA 1051: Wildland Firefighter 1. Material fees required. Students must rent approved turn-outs and other personal protective equipment from designated vendor. Departmental approval required for enrollment.

*Corequisite: Concurrent enrollment in Fire Academy 060A.*

**C 27789**      **4:40p-5:10p**    **M Tu W Th F Sa Su**    **Butler T**    **JPT-CN**    **Full Semester**  
**5:10p-5:50p**    **M Tu W Th F Sa Su**    **Butler T**    **JPT-CN**

**FIRE OFFICER TRAINING (FOT)**

**FOT 130A, FIRE INSPECTOR 1A: DUTIES AND ADMINISTRATION** **1.5 UNITS**

This course provides students with a basic knowledge of the roles and responsibilities of a Fire Inspector I, including legal responsibilities and authority, codes and standards, the inspection process, confidentiality and privacy requirements, and ethical conduct, and administrative tasks including preparing inspection reports, recognizing the need for a permit or plan review, investigating common complaints, and participating in legal proceedings. CFSTES Certificate of Completion. Materials fee required.

*Prerequisite: Fire Technology 104, Fire Technology 105, and Fire Technology 106 with a minimum grade of C OR equivalent as determined by the Dean of academy instruction. To be successful in this course, students should be able to understand and use professional terminology; Identify laws, codes, ordinances, and regulations as they relate to fire prevention; Understand code enforcement as it impacts life and pro*

**Material Fee(s): \$140.00**

**OL 30783**      **7:00p-10:00p**    **Tu W**    **Freeman S**    **SAC ZOOM**    **08/22-09/13**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**FOT 130B, FIRE INSPECTOR 1B: INTRODUCTION TO FIRE AND LIFE SAFETY** **1.5 UNITS**

This course will provide fire prevention professionals with the base level of knowledge necessary to inspect fire protection systems and special hazards.

*Prerequisite: Fire Technology 104, Fire Technology 105, and Fire Technology 106 with a minimum grade of C OR equivalent as determined by the Dean of academy instruction. To be successful in this course students must be able to: Describe the basic elements of a public water supply system as it relates to fire protection; Describe the basic elements of a public water supply system including sources, distribution*

**Material Fee(s): \$140.00**

**OL 30784**      **7:00p-10:00p**    **Tu W**    **Freeman S**    **SAC ZOOM**    **09/19-10/11**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**OL** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**FOT 130C, FIRE INSPECTOR 1C: FIELD INSPECTION**

**1.5 UNITS**

This course provides students with a basic knowledge of field inspection roles and responsibilities of a Fire Inspector I including basic plan review, emergency access for an existing system, hazardous materials, and the operational readiness of fixed fire suppression systems, existing fire detection and alarm systems, and portable fire extinguishers. Designed for the entry level fire inspector. Meets partial requirements for CFSTES Fire Inspector Certification. Materials fee required. Not offered every semester.

*Prerequisite: Fire Technology 104, Fire Technology 105, and Fire Technology 106 with a minimum grade of C OR equivalent as determined by the Dean of academy instruction. To be successful in this course students must be able to: Identify and describe various types and uses of fire protection systems; Identify the different types and components of sprinkler, standpipe and foam systems; Identify the different type*

**Material Fee(s): \$140.00**

**OL 30785 7:00p-10:00p Tu W Freeman S SAC ZOOM 10/17-11/08**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**FOT 130D, FIRE INSPECTOR 1D: FIELD INSPECTOR**

**1.0 UNIT**

This course provides students with a basic knowledge of a Fire Inspector's field inspection roles and responsibilities specific to California including tents, canopies, and temporary membrane structures; fireworks and explosives; and wildland urban interface environments. Students receive a Certificate of Completion from the Office of the State Fire Marshal. Not offered every semester. Materials fee required.

*Prerequisite: Fire Technology 104, Fire Technology 105, and Fire Technology 106 with a minimum grade of C.*

**Material Fee(s): \$140.00**

**OL 30786 7:00p-10:00p Tu W Freeman S SAC ZOOM 11/14-11/29**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.

**OL 27812 7:00p-10:10p Tu Pesqueira N SAC ZOOM Full Semester**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**O 27805 Lunde T SAC ONLINE 10/09-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 27807 Lunde T SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 27809 Conroy D SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 27811 Flint J SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**C 27845 11:45a-3:05p Tu Busch M SAC A-128 Full Semester**

**O 27813 Lunde T SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**27814** **Busch M** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**27815** **Conroy D** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**27816** **Flint J** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**27820** **8:35a-11:45a** **Th** **Mead F** **SAC ZOOM** **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**27819** **7:00p-10:10p** **W** **Horner S** **SAC A-128** **Full Semester**

**27817** **Horner S** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**27818** **Mead F** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**27846** **Mead F** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

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

**27824** **8:35a-11:45a** **Tu** **Freeman S** **SAC ZOOM** **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**27825** **8:35a-11:45a** **W** **Schaefer K** **SAC A-128** **Full Semester**

**27823** **7:00p-10:10p** **M** **Freeman S** **SAC ZOOM** **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**27821** **Muir J** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**27822** **Freeman S** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

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

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

- C 27829**      **3:20p-6:30p**      **Tu**      **Busch M**      **SAC A-128**      **Full Semester**
- O 27826**      **Muir J**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 27827**      **Muir J**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 27828**      **Conroy D**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

- OL 27833**      **8:35a-11:45a**      **W**      **Freeman S**      **SAC ZOOM**      **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
- OL 27832**      **11:55a-3:05p**      **Th**      **Freeman S**      **SAC ZOOM**      **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
- O 27830**      **Horner S**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 27831**      **Pesqueira N**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

- C 27843**      **8:35a-11:45a**      **Th**      **Meloni J**      **SAC A-128**      **Full Semester**
- C 27839**      **11:55a-3:05p**      **M**      **Skeen C**      **SAC A-128**      **Full Semester**
- OL 27841**      **11:55a-3:05p**      **W**      **Leafblad R**      **SAC ZOOM**      **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
- O 27834**      **Meloni J**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 27837**      **Meloni J**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

- C 27836**      **TBA**      **Meloni J**      **SAC E-108**      **Full Semester**  
16 hours to be arranged.  
Students MUST attend one of the following orientations dates in A-128/Zoom: M 8/21, 3:15p-4:05p; T 8/22, 6:00p-6:50p; W 8/23, 3:15p-4:05p; W 8/23, 6:00p-6:50p; TH 8/24,

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

11:55a-12:45p.

**C 27838 TBA Meloni J SAC E-108 Full Semester**

16 hours to be arranged.

Students MUST attend one of the following orientations dates in A-128/Zoom: M 8/21, 3:15p-4:05p; T 8/22, 6:00p-6:50p; W 8/23, 3:15p-4:05p; W 8/23, 6:00p-6:50p; TH 8/24, 11:55a-12:45p.

**C 27840 TBA Skeen C SAC E-108 Full Semester**

16 hours to be arranged.

Students MUST attend one of the following orientations dates in A-128/Zoom: M 8/21, 3:15p-4:05p; T 8/22, 6:00p-6:50p; W 8/23, 3:15p-4:05p; W 8/23, 6:00p-6:50p; TH 8/24, 11:55a-12:45p.

**C 27842 TBA Leafblad R SAC E-108 Full Semester**

16 hours to be arranged.

Students MUST attend one of the following orientations dates in A-128/Zoom: M 8/21, 3:15p-4:05p; T 8/22, 6:00p-6:50p; W 8/23, 3:15p-4:05p; W 8/23, 6:00p-6:50p; TH 8/24, 11:55a-12:45p.

**C 27844 TBA Meloni J SAC E-108 Full Semester**

16 hours to be arranged.

Students MUST attend one of the following orientations dates in A-128/Zoom: M 8/21, 3:15p-4:05p; T 8/22, 6:00p-6:50p; W 8/23, 3:15p-4:05p; W 8/23, 6:00p-6:50p; TH 8/24, 11:55a-12:45p.

## 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.

**C 29609 10:05a-12:35p Tu Th Curilli C SAC I-207 Full Semester**

**VH 29616 4:25p-6:55p W Nabulsi A SAC ONLINE Full Semester**

**VH 29616 4:25p-6:55p W Staff SAC ZOOM**

Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Wednesdays 8/23, 9/20, 10/18, 11/15, and 12/6 from 4:25 p.m.- 6:55 p.m.

### 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.*

**O 29618 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings.**

**O 29618 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings.**

## 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.

**C 28703 8:00a-9:50a Tu Th Conley J SAC D-202 09/04-12/10**

**O 28704 Staff SAC ONLINE 10/16-12/10**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

### 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.

**C 29872 10:00a-11:50a Tu Th Conley J SAC D-202 09/04-12/10**

**O 28706 Courter W SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

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**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**29873** Courter W SAC ONLINE 09/04-12/10  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**29874** Courter W SAC ONLINE 10/16-12/10  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29875** Courter W SAC ONLINE Full Semester  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**29876** Courter W SAC ONLINE 09/04-12/10  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**29877** Courter W SAC ONLINE 10/16-12/10  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29878** Courter W SAC ONLINE 09/04-12/10  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**GEOG 140, CALIFORNIA GEOGRAPHY 3.0 UNITS**

A thematic approach to the state's issues, processes and topics relevant to the geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. This course explores the physical, and human landscapes that have evolved as a result of the human-environment interface.

**29952** 2:10p-3:30p Tu Th Jones B SAM Full Semester  
This is a dual enrollment class open to Samueli High School(SAM) students only.

**29880** Conley J SAC ONLINE 09/04-12/10  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**GEOLOGY (GEOL)**

**GEOG 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.

**30109** 8:30a-9:55a Tu Th Macias A SAC SC-118 Full Semester

**30110** 10:05a-11:30a M W Staff SAC SC-118 Full Semester

**30111** 4:25p-7:25p M Beach A SAC SC-118 Full Semester

**GEOG 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: Concurrent enrollment or completion with a grade of "C" or better or a Passing grade in Geology 101.

**30115** 8:30a-11:30a F Staff SAC SC-118 Full Semester

**30117** 4:25p-7:25p W Beach A SAC SC-118 Full Semester

**GEOG 168, GEOLOGIC FIELD STUDIES OF THE OWENS VALLEY 1.0 UNIT**

A study of the volcanic, pluvial, and fault history as recorded in rocks from Red Rock Canyon to Owens Lake. Mandatory orientation along with a two-day field trip.

**OL** ONLINE: Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** FULLY ONLINE LIVE: Fully Online Live Instruction - Live streaming instruction via Zoom

**H** HYBRID: On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** VIRTUAL HYBRID: Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** ON CAMPUS W/VIRTUAL: On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** ON-CAMPUS: On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

<b>C</b>	<b>30138</b>			<b>Macias A</b>	<b>SAC FLDTRP</b>	<b>10/27-11/17</b>
	<b>6:00p-7:00p</b>	<b>F</b>		<b>Staff</b>	<b>SAC SC-118</b>	<b>10/27-10/27</b>
	<b>6:00p-7:00p</b>	<b>F</b>			<b>SAC SC-118</b>	<b>11/17-11/17</b>

Section 30138 MANDATORY Pre-trip orientation mtg Friday, 10/27/23, 6:00p-7:00p, SAC SC-118. Field Trip: Fri, 11/3/23 3:00p through Sun, 11/5/23 9:00p. MANDATORY Post-trip mtg Friday, 11/17/23, 6:00p-7:00p, SAC SC-118. This class has outdoor, overnight camping.

## HISTORY (HIST)

### **HIST 101, WORLD CIVILIZATIONS TO THE 16TH CENTURY 3.0 UNITS**

Examines the development of world civilizations and their interrelationships from the earliest beginnings to the sixteenth century. Emphasis on basic ideas, institutions, personalities, religious traditions, and artistic achievements.

<b>C</b>	<b>28894</b>	<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>Deluna D</b>	<b>SAC D-214</b>	<b>Full Semester</b>
<b>C</b>	<b>28895</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Deluna D</b>	<b>SAC D-214</b>	<b>Full Semester</b>
<b>O</b>	<b>28896</b>			<b>Menzing T</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28899</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

### **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.

<b>C</b>	<b>28901</b>	<b>1:15p-2:40p</b>	<b>Tu Th</b>	<b>Lira S</b>	<b>SAC D-201</b>	<b>Full Semester</b>
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### **HIST 102, WORLD CIVILIZATIONS SINCE THE 16TH CENTURY 3.0 UNITS**

Broad historical study of world civilizations and their interrelationships from the 16th century to the present. Ideas, institutions, personalities, and artistic achievements which have contributed to present day society.

<b>C</b>	<b>28914</b>	<b>11:40a-1:05p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC D-201</b>	<b>Full Semester</b>
<b>O</b>	<b>28902</b>			<b>Menzing T</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28904</b>			<b>Lira S</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28908</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

### **HIST 118, SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES 3.0 UNITS**

Examines social and cultural traditions during major historical periods. Focuses on American attitudes and response to economic and technological changes, aesthetics, music, art, language, architecture, folklore, high and popular culture.

<b>C</b>	<b>28915</b>	<b>6:30p-9:40p</b>	<b>Tu</b>	<b>Deluna D</b>	<b>SAC D-214</b>	<b>Full Semester</b>
<b>O</b>	<b>28917</b>			<b>Lewis J</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28918</b>			<b>Lewis J</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

### **HIST 120, THE UNITED STATES TO 1877 3.0 UNITS**

Examines major political, economic, intellectual, and social forces at home and abroad that shaped American life from the colonial period through Reconstruction.

<b>C</b>	<b>30891</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Medina M</b>	<b>SAC D-213</b>	<b>Full Semester</b>
<b>C</b>	<b>30893</b>	<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>Medina M</b>	<b>SAC D-208</b>	<b>Full Semester</b>
<b>C</b>	<b>30942</b>	<b>1:15p-2:40p</b>	<b>M W</b>	<b>Medina M</b>	<b>SAC D-208</b>	<b>Full Semester</b>
<b>C</b>	<b>30944</b>	<b>1:15p-2:40p</b>	<b>Tu Th</b>	<b>Deluna D</b>	<b>SAC D-212</b>	<b>Full Semester</b>

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

<b>C</b>	<b>29009</b>	<b>6:30p-9:40p</b>	<b>M</b>	<b>Deluna D</b>	<b>SAC D-208</b>	<b>Full Semester</b>
<b>O</b>	<b>28921</b>			<b>Guzman K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>28977</b>			<b>Ramirez A</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29002</b>			<b>Stanfield A</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29008</b>			<b>Hunt R</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					

**HIST 121, THE UNITED STATES SINCE 1865**

**3.0 UNITS**

A critical analysis of American history. Includes industrial and technological development, the changing nature of society, cultural developments, domestic politics, and America’s expanded world role.

<b>C</b>	<b>29035</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Medina M</b>	<b>SAC D-106</b>	<b>Full Semester</b>
<b>C</b>	<b>29038</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Medina M</b>	<b>SAC D-106</b>	<b>Full Semester</b>
<b>C</b>	<b>29039</b>	<b>1:15p-2:40p</b>	<b>M W</b>	<b>Deluna D</b>	<b>SAC D-101</b>	<b>Full Semester</b>
<b>C</b>	<b>29058</b>	<b>1:15p-2:40p</b>	<b>Tu Th</b>	<b>Ramirez A</b>	<b>SAC D-209</b>	<b>Full Semester</b>
<b>O</b>	<b>29042</b>			<b>Stanfield A</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29044</b>			<b>Stanfield A</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29045</b>			<b>Lewis J</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29055</b>			<b>Hunt R</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
<b>OER</b>	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings. 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 Degree Pathway course. Available for all students					

**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.

<b>C</b>	<b>29059</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC D-201</b>	<b>Full Semester</b>
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**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.

<b>C</b>	<b>29114</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Guzman K</b>	<b>SAC D-208</b>	<b>Full Semester</b>
<b>C</b>	<b>29577</b>	<b>10:05a-11:30a</b>	<b>M W</b>	<b>Veyna A</b>	<b>SAC D-212</b>	<b>Full Semester</b>
<b>C</b>	<b>29113</b>	<b>11:40a-1:05p</b>	<b>Tu Th</b>	<b>Guzman K</b>	<b>SAC D-208</b>	<b>Full Semester</b>
<b>C</b>	<b>29574</b>	<b>1:15p-4:25p</b>	<b>M W</b>	<b>Ramirez A</b>	<b>SAC D-201</b>	<b>10/16-12/10</b>
<b>O</b>	<b>29060</b>			<b>Guzman K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29061</b>			<b>Guzman K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					
<b>O</b>	<b>29118</b>			<b>Ramirez A</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> There will be no instructional meetings.					

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Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

**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.

 **29579**

**Ramirez A SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29582 10:05a-11:30a M W**

**Staff SAC I-107 Full Semester**

 **29580**

**Lange M SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**29587 11:40a-1:05p M W**

**Staff SAC I-107 Full Semester**

**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.

 **29593 1:15p-2:40p M W**

**Veyna A SAC D-214 Full Semester**

 **29589**

**Lange M SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

 **26757**

**Luevano R SAC ONLINE 08/21-10/15**

 There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

**IDS 155, HUMAN SEXUALITY**

**3.0 UNITS**

An interdisciplinary review of the biological, historical, social, and psychological influences on human sexuality across the lifespan. This course will more closely focus on the gender spectrum, anatomy, sexual orientations, attraction, love, reproduction, conception, contraception, sexually transmitted infections, sexual coercion, and overall sexual health.

 **31653 10:05a-11:30a Tu Th**

**Beiner C SAC I-201 Full Semester**

**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.

 **29620**

**10:05a-12:35p W**

**Mehr M SAC ONLINE Full Semester**

**Staff SAC ZOOM**

Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section will meet via Zoom on Wednesdays from 10:05 a.m. to 12:35 p.m.

**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.

 **29627 1:15p-3:45p Tu Th**

**Brenish S SAC D-106 Full Semester**

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

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Low Cost or  
Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**VH 29649** **Ito M** **SAC ONLINE** **Full Semester**  
**10:05a-12:35p W** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Wednesdays 8/23, 9/20, 10/18, 11/15, and 12/6 from 10:05 a.m. to 12:35 p.m.

**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.*

**VH 29655** **Ito M** **SAC ONLINE** **Full Semester**  
**1:15p-3:45p W** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Wednesdays 8/23, 9/20, 10/18, 11/15, and 12/6 from 1:15 p.m. to 3:45 p.m.

## JOURNALISM AND MEDIA STUDIES (JAMS)

*(Formerly: COMMUNICATIONS & MEDIA STUDIES (CMSD))*

**JAMS 103, INTRODUCTION TO VISUAL COMMUNICATIONS** **3.0 UNITS**  
 This multimedia course explores the social, cultural and historical implications of visual communications from Gutenberg's printing press to present day digital media. Using works of philosophical, historical and cultural importance students will analyze and debate the changes in the way visual communications affect society, and shape cultural values.

**C 29015** **10:05a-11:30a M W** **Staff** **SAC 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 Zero Textbook Cost (ZTC) class.

**C 30564** **12:15p-1:40p M W** **Rodriguez J** **SAC MCHS** **Full Semester**

**C 30565** **12:15p-1:40p Tu Th** **Bennett S** **SAC MCHS** **Full Semester**

**C 30566** **1:50p-3:15p M W** **Staff** **SAC MCHS** **Full Semester**

**C 30567** **1:50p-3:15p Tu Th** **Staff** **SAC MCHS** **Full Semester**

**O 29013** **Bennett S** **SAC ONLINE** **Full Semester**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O 29014** **Wardsworth R** **SAC ONLINE** **10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**JAMS 105, MASS MEDIA AND SOCIETY** **3.0 UNITS**  
 Exploration of mass communication and the interrelationships of media with society including history, structure and trends in a digital age. Examines major media forms, theories and effects in our information-conscious culture.

**C 29016** **10:05a-11:30a Tu Th** **Staff** **SAC A-210** **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 Zero Textbook Cost (ZTC) class.

**O 29018** **Yacono C** **SAC ONLINE** **10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

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**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or  
Free Textbooks

 OER

 ZTC

Honors Courses:  
 HONORS

**JAMS 111, MEDIA, RACE AND GENDER**

**3.0 UNITS**

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

 **29019** **Little C** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

**JAMS 121, REPORTING AND WRITING THE NEWS NEWSWRITING**

**3.0 UNITS**

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

 **29020** **6:00p-9:10p** **M** **Staff** **SAC A-223** **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 Zero Textbook Cost (ZTC) class.

**JAMS 123A, MULTIMEDIA NEWS PRODUCTION**

**4.0 UNITS**

A production-based course designed around a functioning media organization, providing students practical training in print, digital, web-based and social media through work as members of the campus news magazine el Don, its website eldonnews.org and other el Don platforms. Students utilize a digital media laboratory to gain practical experience in a variety of disciplines, including writing, editing, design, photography, audio, visual, multimedia and emerging technologies. Arranged laboratory hours ( ) 7 hours per week.

 **29022** **12:00p-1:05p** **M W** **Bennett S** **SAC C-207** **Full Semester**  
 **1:15p-4:25p** **M W** **Bennett S** **SAC C-201**  
 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.

**JAMS 123B, INTERMEDIATE MULTIMEDIA NEWS PRODUCTION**

**4.0 UNITS**

An intermediate-level production-based course designed around a functioning media organization, providing students practical training in print, digital, web-based and social media reporting and publishing through work as members of the campus news magazine el Don, its website eldonnews.org and other el Don platforms. 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 JAMS 123A is required. Arranged laboratory hours ( ) 7 hours per week.

*Prerequisite: Journalism and Media Studies 123A with a minimum grade of C.*

 **29023** **12:00p-1:05p** **M W** **Bennett S** **SAC C-207** **Full Semester**  
 **1:15p-4:25p** **M W** **Bennett S** **SAC C-201**  
 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.

**JAMS 123C, ADVANCED INTERMEDIATE MULTIMEDIA NEWS PRODUCTION**

**4.0 UNITS**

An advanced intermediate level production-based course designed around a functioning media organization, providing students training in print, digital, web-based and social media reporting and publishing through work as members of the campus news magazine el Don, its website eldonnews.org and other el Don platforms. 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 JAMS 123B is required. Arranged laboratory hours ( ) 7 hours per week.

*Prerequisite: Journalism and Media Studies 123B with a minimum grade of C.*

 **29024** **12:00p-1:05p** **M W** **Bennett S** **SAC C-207** **Full Semester**  
 **1:15p-4:25p** **M W** **Bennett S** **SAC C-201**  
 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.

**JAMS 123D, ADVANCED MULTIMEDIA NEWS PRODUCTION**

**4.0 UNITS**

An advanced-level production-based course designed around a functioning media organization, providing students training in print, digital, web-based and social media reporting and publishing through work as members of the campus news magazine el Don, its website eldonnews.org and other el Don platforms. 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 JAMS 123C required. Arranged laboratory hours ( ) 7 per week.

*Prerequisite: Journalism and Media Studies 123C with a minimum grade of C.*

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**C** 29025 12:00p-1:05p M W Bennett S SAC C-207 Full Semester  
**OER** 1:15p-4:25p M W Bennett S SAC C-201  
**OEI** 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.

**JAMS 160, INTRODUCTION TO PHOTOJOURNALISM 3.0 UNITS**

Explores the photographer as a journalist, focusing on theory and practice in press and publications photography, with emphasis on using the camera as a reporting and communications tool. Stresses news, feature photography, and photographic essays, including composition, impact, and creativity, for newspapers, magazines, the internet, and other mass communications media.

**C** 28497 6:00p-9:10p M Rodriguez J SAC A-219 Full Semester

**JAMS 201, VISUAL REPORTING 2.0 UNITS**

This course stresses how to perceive and select visual images through work with a digital camera, a computer, and related digital media and 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.

**C** 29026 12:00p-1:05p M W Bennett S SAC C-207 Full Semester

**OER** 1:15p-2:20p M Bennett S SAC C-201  
**OEI** 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.

**JAMS 210, INTERMEDIATE REPORTING AND NEWSWRITING 3.0 UNITS**

This course is a continuation of Reporting and Writing News 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 Studies 121 or Journalism and Media Studies 121 with a minimum grade of C.*

**C** 29027 12:00p-1:25p M W Bennett S SAC C-207 Full Semester

**OER** 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.

**JAMS 222, WRITING ACROSS MEDIA 3.0 UNITS**

For writing students seeking a better understanding of and experience crafting non-fictional prose genres focusing on narrative storytelling techniques for web, multimedia and print. Emphasizes critical thinking and integration of writing skills across media formats.

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

**C** 29028 12:00p-1:25p M W Bennett S SAC C-207 Full Semester

**OER** 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.

**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.

**C** 30500 9:00a-10:25a M W Abbey T SAC W-107 Full Semester

**KNIA 202, BASKELL-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.

**C** 30307 1:25p-3:25p M Tu W Th F Breig D SAC G-105 Full Semester

**KNIA 204, FOOLL-MEN 3.0 UNITS**

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): \$50.00**

**C** 30334 2:30p-4:25p M Tu W Th F Sa Nyssen A SAC G-113 08/14-11/25

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction - A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction - A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction - On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

**KNIA 210, WRESTLING-MEN**

**3.0 UNITS**

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.

*Recommended Preparation: High school or higher level wrestling experience.*

**C 30320**      **4:00p-6:10p**      **M Tu W Th F**      **Silva V**      **SAC W-111**      **08/14-12/01**

**KNIA 212, BASKELL-WOMEN**

**3.0 UNITS**

This course is designed for student-athletes with exceptional baskell talent so they may compete in intercollegiate competition. Emphasis is placed upon application of collegiate baskell 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 participation.

**C 30310**      **3:25p-5:25p**      **M W F**      **Luppiani M**      **SAC G-105**      **Full Semester**  
                          **5:25p-7:25p**      **Tu Th**      **Staff**      **SAC G-105**

**KNIA 213, VOLLEYBALL-WOMEN**

**3.0 UNITS**

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.

**C 30311**      **2:00p-4:10p**      **M**      **Abbey T**      **SAC G-105**      **Full Semester**  
                          **3:25p-5:25p**      **Tu Th**      **Staff**      **SAC G-105**  
                          **5:25p-7:35p**      **W F**      **SAC G-105**

**KNIA 216, SOCCER-MEN**

**3.0 UNITS**

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.

**C 30309**      **2:50p-5:00p**      **M Tu W Th F**      **Vasquez J**      **SAC G-118**      **08/14-12/01**

**KNIA 219, CROSS COUNTRY-WOMEN**

**3.0 UNITS**

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.

**C 30305**      **1:30p-3:40p**      **M Tu W Th F**      **Peeples J**      **SAC G-113**      **08/14-12/01**

**KNIA 220, SOCCER-WOMEN**

**3.0 UNITS**

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.

**C 30484**      **1:30p-3:40p**      **M Tu W Th F**      **Baquero J**      **SAC G-118**      **08/14-12/01**

**KNIA 223, BASEBALL**

**1.0 UNIT**

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.

**C 30330**      **Nilles T**      **SAC G-115**      **Full Semester**

Section 30330, meet in room W-101 on Monday, August 21 at 3:30pm

**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.

**C 30341**      **11:50a-1:15p**      **M W**      **Nilles T**      **SAC G-114**      **Full Semester**

**KNIA 235, SPEED AND AGILITY**

**0.5 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.

**C 30357**      **2:00p-2:55p**      **M W**      **Luppiani M**      **SAC G-103**      **Full Semester**

**C 30354**      **3:10p-4:05p**      **Tu Th**      **Ross M**      **SAC G-120**      **Full Semester**

**KNIA 271, SOFLL - OFF SEASON**

**1.0 UNIT**

This course is designed for skills development and conditioning for exceptional soffl 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.

**C 30356**      **1:50p-3:00p**      **Tu W Th**      **Ross M**      **SAC G-120**      **08/21-11/16**

**OL** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **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.

 **30215**      **11:40a-1:05p**      **M W**      **Nyssen A**      **SAC G-105**      **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.

### 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.*

 **30221**      **11:40a-1:05p**      **M W**      **Nyssen A**      **SAC G-105**      **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.

### 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*

 **30224**      **11:40a-1:05p**      **M W**      **Nyssen A**      **SAC G-105**      **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.

### 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.

 **30327**      **Staff**      **SAC ONLINE**      **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 LOCATION: MIDDLE COLLEGE HIGH SCHOOL

 **30329**      **Jones G**      **SAC ONLINE**      **08/21-12/21**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 LOCATION: CENTURY HIGH SCHOOL

 **30481**      **Baquero J**      **SAC ONLINE**      **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **30485**      **Jones G**      **SAC ONLINE**      **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **30486**      **Jones G**      **SAC ONLINE**      **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **30488**      **Jones G**      **SAC ONLINE**      **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

 **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**O** **30490** **Jones G** **SAC ONLINE** **08/21-10/15**  
**OL** Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**KNAC 155A, BEGINNING SELF-DEFENSE** **1.0 UNIT**  
 Instruction in personal safety and self-protection including the effective use of hands, knees, elbows, feet, and the mind. Proficiency with everyday objects such as weapons and defense against common street weapons is also stressed. This course is offered as a half unit or one unit class and may not be repeated.

**C** **30479** **6:30p-9:40p** **Tu** **Juliano R** **SAC W-111** **Full Semester**  
**H** **30478** **11:40a-1:05p** **Tu Th** **Celis J** **SAC HYBRID** **Full Semester**  
**11:40a-1:05p** **Tu Th** **Staff** **SAC W-107**  
**SAC ZOOM**

On-Campus Hybrid and Virtual Instruction. A combination of on-campus and live streaming meetings during the days and times indicated . Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**KNAC 170A, BEGINNING YOGA** **1.0 UNIT**  
 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.

**H** **30476** **Anderson R** **SAC HYBRID** **Full Semester**  
**5:30p-8:40p** **Tu** **Staff** **SAC W-107**  
**5:30p-8:40p** **Tu** **SAC ZOOM**

On-Campus Hybrid and Virtual Instruction. A combination of on-campus and live streaming meetings during the days and times indicated . Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**H** **30497** **Celis J** **SAC HYBRID** **Full Semester**  
**6:55a-8:20a** **M W** **Staff** **SAC W-107**  
**6:55a-8:20a** **M W** **SAC ZOOM**

On-Campus Hybrid and Virtual Instruction. A combination of on-campus and live streaming meetings during the days and times indicated . Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**KNAC 260A, BEGINNING SOCCER** **1.0 UNIT**  
 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.

**C** **30472** **8:00a-11:10a** **F** **Contreras S** **SAC G-118** **Full Semester**

**KNAC 260B, INTERMEDIATE SOCCER** **1.0 UNIT**  
 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.

*Prerequisite: Kinesiology Activities 260A with a minimum grade of C.*

**C** **30473** **8:00a-11:10a** **F** **Contreras S** **SAC G-118** **Full Semester**

**KNAC 260C, ADVANCED SOCCER** **1.0 UNIT**  
 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.

*Prerequisite: Kinesiology Activities 260B with a minimum grade of C.*

**C** **30474** **8:00a-11:10a** **F** **Contreras S** **SAC G-118** **Full Semester**

## KINESIOLOGY AEROBIC FITNESS (KNAF)

**KNAF 140A, BEGINNING WALKING/JOGGING FOR FITNESS** **1.0 UNIT**  
 This course will emphasize cardiovascular walking/jogging for health and fitness for men and women who are interested in instruction and practice in cardiovascular conditioning. The walking/jogging class is designed to decrease the risk of coronary heart disorders by increasing heart efficiency, vital lung capacity, and the knowledge of each through aerobic and anaerobic conditioning. This course is offered as a half unit or one unit class and may not be repeated.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

<b>C</b> 30499	8:30a-9:55a	Tu Th	Nutter K	SAC W-107	Full Semester
<b>O</b> 30467			Nutter K	SAC ONLINE	10/16-12/10

Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

### 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.

<b>C</b> 30444	10:05a-11:30a	Tu Th	Breig D	SAC E-102	Full Semester
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**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.*

<b>C</b> 30445	10:05a-11:30a	Tu Th	Breig D	SAC E-102	Full Semester
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**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.*

<b>C</b> 30446	10:05a-11:30a	Tu Th	Breig D	SAC E-102	Full Semester
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### KINESIOLOGY HEALTH EDUCATION (KNHE)

**KNHE 101, HEALTHFUL LIVING 3.0 UNITS**

A comprehensive look at factors that impact people's health, longevity and lifetime wellness designed for honors students. Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include nutrition, exercise, weight control, mental health, stress management, violence, substance abuse, reproductive health, disease prevention, aging, healthcare, and environmental hazards and safety.

<b>H</b> 30325	12:00p-1:00p	F	Abbey T	SAC HYBRID	Full Semester
			Staff	SAC F-103	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

<b>O</b> 30332			Nyssen A	SAC ONLINE	Full Semester
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b> 30451			Breig D	SAC ONLINE	08/21-10/15
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

<b>O</b> 30452			Breig D	SAC ONLINE	10/16-12/10
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

<b>O</b> 30482			Baquero J	SAC ONLINE	10/16-12/10
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b> 30501			Abbey T	SAC ONLINE	08/21-10/15
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**KNHE 102, WOMEN'S HEALTH ISSUES 3.0 UNITS**

An investigation into traditional and holistic health topics with a special emphasis on women's issues, considering all aspects and concepts of social and political influences, nutrition and fitness, relationships, sexuality, reproductive issues, and careers. Through analysis of these topics, students apply methods to healthy lifestyle choices.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

- O **30468** **Nutter K SAC ONLINE 09/18-12/10**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)
- O **30470** **Nutter K SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**KNHE 103, MEN’S HEALTH ISSUES 3.0 UNITS**

Examines the societal, economic, cultural, and gender influences that shape men’s health beliefs and practices. Explores specific health issues unique to men such as accessing health care, healthy relationships, domestic abuse, prostate cancer, and alcohol use. Critically examines literature and media to identify interventions within a masculinity framework to improve men’s health outcomes. Identification of positive outcomes of healthy men at home, work, and in society.

- O **30453** **Breig D SAC ONLINE 10/16-12/10**  
OER Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 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.

- O **30323** **Abbey T SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O **30326** **Abbey T SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

- H **30351** **Nilles T SAC HYBRID 08/21-10/15**  
**6:00p-10:00p F** **Staff SAC G-107**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)
- H **30352** **Staff SAC HYBRID 10/16-12/10**  
**6:00p-10:00p F** **Staff SAC G-107**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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

- O **30471** **Nutter K SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**KNHE 111, INTRODUCTION TO PUBLIC HEALTH 3.0 UNITS**

This course provides an introduction to the discipline of Public Health. Students will gain an understanding of the basic concepts and terminologies of public health, and the history and accomplishments of public health officials and agencies. An overview of the functions of various public health professions and institutions, and an in-depth examination of the core public health disciplines is covered. Topics of the discipline include the epidemiology of infectious and chronic disease; prevention and control of diseases in the community including the analysis of the social determinants of health and strategies for eliminating disease, illness and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policy and management.

*Recommended Preparation: English, one level below transfer (i.e., eligibility for English composition (C-ID ENGL 100) and a reading course with exit skills of the ability to read a college level text.*

- O **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times
- OL **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom
- H **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction
- VH **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction
- CV **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings
- C **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**  
 **OER**  
 **ZTC**  
**Honors Courses:**  
 **HONORS**

**30503** Sheen M SAC ONLINE Full Semester  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**KNHE 112, HEALTH AND SOCIAL JUSTICE 3.0 UNITS**

This course provides an introduction to the health inequities in the United States that stem from unequal living conditions. Students will explore how education, socioeconomic status, racism and gender shape health epidemics and policy development. The basic skills necessary for advocating for health and social justice will be theoretically demonstrated.

*Recommended Preparation: English, one level below transfer (i.e., eligibility for English composition (C-ID ENGL 100) and a reading course with exit skills of the ability to read a college level text.)*

**30505** Sheen M SAC ONLINE 10/16-12/10  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**30331** 10:05a-11:30a Tu Th Sos B SAC W-101 Full Semester

**30335** Sos B SAC ONLINE 08/21-10/15

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**30338** Sos B SAC ONLINE 10/16-12/10

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**KNPR 110, KINESIOLOGY-RELATED OCCUPATIONAL WORK EXPERIENCE 1.0 UNIT**

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.

*KNSM 101: 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

**30346** Nilles T SAC 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.

**30358** Luppani M SAC ONLINE Full Semester

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**30361** Luppani M SAC ONLINE 10/16-12/10

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**30225** Nyssen A SAC ONLINE Full Semester

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**OL** ONLINE: Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** FULLY ONLINE LIVE: Fully Online Live Instruction - Live streaming instruction via Zoom

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**VH** VIRTUAL HYBRID: Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** ON CAMPUS W/VIRTUAL: On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** ON-CAMPUS: On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

 **30362** **Luppani M SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 170, SPORT ETHICS 3.0 UNITS**  
 A class designed to examine ethics, moral questions, and value judgements related to sport. Its approach allows students to follow and analyze ethical arguments, think through philosophical issues, and apply them to the artistic expression of sport as well as everyday life.

 **30363** **Luppani M SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **30364** **Luppani M SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 195, STUDENT ATHLETE SUCCESS 1.0 UNIT**  
 This course is designed to prepare Santa Ana College student athletes for balancing the roles of student and athlete as well as preparing them to transfer. Students learn essential information regarding athletic eligibility, interactions between their education plan and athletic goals, NCAA and NAIA transfer requirements, growth mindset in athletics, college success skills, and time management.

 **30449** **Breig D SAC ONLINE 08/21-11/12**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

 **30491** **Staff SAC ONLINE 08/21-11/12**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

 **30492** **Staff SAC ONLINE 08/21-11/12**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

 **30494** **Nyssen A SAC ONLINE 08/21-11/12**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

 **30495** **Nyssen A SAC ONLINE 08/21-11/12**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. There is no additional textbook cost for this ZTC class.

**KNPR 202, INTRODUCTION TO PERSONAL TRAINING 3.0 UNITS**  
 This course is designed to introduce students to the fitness specialist career and prepare students for entry level personal trainer certification exams. Emphasis is placed on professional conduct, introduction of human movement science principles, and exercise program development for apparently healthy adults and children.

 **30349** **Nilles T SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**KNPR 275, SPORT PSYCHOLOGY APPLICATIONS-FOOLL 2.0 UNITS**  
 This class provides advanced mental training to improve performance in fooll. Theories, strategies, and best practices include; mental set, arousal and performance, mental imagery, and motivation as they pertain to preparing for 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.

 **30226 5:10p-6:00p M W F Nyssen A SAC F-102 Full Semester**

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

 **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

## KINESIOLOGY SPORTS MEDICINE (KNSM)

### KNSM 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.

**C 30333 8:30a-9:55a Tu Th Cuevas J SAC F-103 Full Semester**

## LAW (LAW)

### LAW 058, LEGAL INTERPRETING AND TRANSLATION SPANISH/ENGLISH

**3.0 UNITS**

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

**O 29696 Strong N SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

### 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

**C 30442 11:40a-1:05p M W Staff SAC A-130 Full Semester**

**OER** 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.

**O 29699 Robinson K SAC ONLINE Full Semester**

**OER** Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**C** 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.

**VH 29702 Smith K SAC ONLINE Full Semester**

**OER** **7:00p-8:00p M Staff SAC ZOOM**

**C** Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

**VH 29706 Williamson K SAC ONLINE 10/16-12/10**

**OER** **9:00a-1:05p Sa Staff SAC ZOOM**

**C** Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

### 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.

**C 29737 10:05a-11:30a M W Staff SAC A-130 Full Semester**

**OER** 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.

**OL 29693 10:20a-11:45a Tu Th Robinson K SAC ZOOM Full Semester**

**OER** Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated.

**C** Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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. LAW 105 is the same as BUS 105 - students can receive credit for only one class BUS 105 OR LAW 105.

**C 29692 11:40a-1:05p Tu Th Staff SAC A-130 Full Semester**

**OER** 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.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

**C 29695 6:00p-9:10p W Keller P SAC A-130 Full Semester**  
 LAW 105 is the same as BUS 105 - students can receive credit for only one class BUS 105 OR LAW 105.

**O 29683 Staff SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O 29684 Harman J SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O 29685 Smith K SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O 29686 Staff SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O 29688 Smith K SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O 29689 Robinson K SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O 29691 Sauber D SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O 30450 Staff SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 110, LEGAL TERMINOLOGY 2.0 UNITS**  
 The study of terminology used in a law office and the court system.

**O 29709 Staff SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**LAW 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.

 **29710** **Sauber D** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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

 **29713** **Smith K** **SAC 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 online. To be taken in the last semester of an A.A. Degree or Certificate in Library Technology.

*Prerequisite: Library Technology 101, Library Technology 102, Library Technology 110, and Library Technology 122 with a minimum grade of C.*

 **29434** **Knight A** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**LIBR 054, CHILDREN'S LIBRARY SERVICES**

**3.0 UNITS**

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

 **29418** **Turner E** **SAC ONLINE** **Full Semester**

  Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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.

**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.

 **29420** **Patch N** **SAC ONLINE** **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 Zero Textbook Cost (ZTC) class.

**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.

 **29425** **King J** **SAC ONLINE** **Full Semester**

  Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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.

**MANAGEMENT (MGMT)**

**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.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

 **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**OER** **29359** **Staff** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

**VH** **29362** **Shweiri G** **SAC ONLINE** **08/21-10/15**  
**OER** **6:00p-8:00p** **W** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

**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.

**VH** **29364** **Kilroy M** **SAC ONLINE** **10/16-12/10**  
**OER** **6:00p-8:00p** **W** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

**O** **29396** **Staff** **SAC ONLINE** **Full Semester**  
**OER** Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

**MGMT 203, INTRODUCTION TO FOOD & BEVERAGE MANAGEMENT** **3.0 UNITS**  
 Techniques and management procedures are explored and developed related to commercial and institutional food and beverage facilities. Topics include functions of management, marketing, menu development, effective cost controls in purchasing, labor, and service techniques.

**C** **33045** **9:00a-12:35p** **W** **Brown K** **SAC I-109** **09/04-12/10**  
 This class meets on-campus.

## MANUFACTURING TECHNOLOGY (MNFG)

**MNFG 096, MANUFACTURING TECHNOLOGY LAB** **0.5 - 3.0 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 27 lab hours for each .5 unit of credit. May be repeated up to the maximum number of units.  
*MNFG 174 or 176 or 184 or 186 or 194: Manufacturing Technology 174 or Manufacturing Technology 176 or Manufacturing Technology 184 or Manufacturing Technology 186 or Manufacturing Technology 194.*

**C** **29508** **8:30a-10:30a** **Sa** **Staff** **SAC T-203** **Full Semester**  
 This class meets on-campus.

**C** **29507** **7:00p-9:00p** **M** **Singh N** **SAC T-107** **Full Semester**  
 This class meets on-campus.

**C** **29510** **7:30p-9:30p** **Th** **Staff** **SAC T-107** **Full Semester**  
 This class meets on-campus.

**C** **29511** **7:30p-9:30p** **Tu** **Singh N** **SAC T-107** **Full Semester**  
 This class meets on-campus.

**MNFG 103, SOLIDWORKS BEGINNING SOLID MODELING** **3.0 UNITS**  
 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.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

**H 29512** **Buechler M SAC HYBRID Full Semester**  
**7:10p-10:20p F Staff SAC T-203**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**O 29513** **Buechler M SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**MNFG 104, SOLIDWORKS INTERMEDIATE SOLID MODELING 3.0 UNITS**  
 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.*

**O 29514** **Corley G SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**MNFG 105, SOLIDWORKS ADVANCED SOLID MODELING 3.0 UNITS**  
 Advanced course for solid modeling includes a review of the intermediate class and changes to the Solidworks interface. Instruction in the use of Solidworks part modeling, assembly modeling, sub-assemblies, advanced photoworks, and advanced animator emphasized (Same as Engineering 105).  
*Prerequisite: Manufacturing Technology 104 or Engineering 104 with a minimum grade of C.*

**O 29515** **Corley G SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**MNFG 111, BASIC MECHANICAL BLUEPRINT READING 2.0 UNITS**  
 Reading and interpreting blueprints for manufacturing technologies. (Same as Engineering 111).

**29516 5:00p-7:05p F Bright T SAC R-126 Full Semester**  
 This class meets on-campus.

**MNFG 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.

**O 29517** **Corley G SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**MNFG 116, QC OPERATIONS WITH VERISURF SOFTWARE 3.0 UNITS**  
 Introductory course in the operation of Verisurf inspection software. This course includes a review of Geometric Dimensioning and Tolerancing and operation of Verisurf software during inspection of three dimensional manufactured parts. This software is also used in creation of inspection reports as a form of data recording in a quality control environment.  
*Recommended Preparation: Manufacturing Technology 111 with a minimum grade of C.*

**O 29518** **Bedwell J SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**MNFG 117, QC OPERATIONS WITH PC-DMIS CMM-1 3.0 UNITS**  
 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&T concepts, importing and using of CAD models, and reporting results from each activity.  
*Prerequisite: Manufacturing 111 with a minimum grade of C*

**C 29519 6:00p-9:10p M Bedwell J SAC T-203 Full Semester**  
 This class meets on-campus.

**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.

**O 29520** **Zonin A SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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)

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

<b>C</b>	<b>29521</b>	<b>12:50p-1:20p</b> <b>9:05a-12:40p</b>	<b>Tu Th</b> <b>Tu Th</b>	<b>Buechler M</b> <b>Buechler M</b>	<b>SAC T-107</b> <b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29522</b>	<b>8:45p-9:15p</b> <b>5:00p-8:35p</b>	<b>Tu Th</b> <b>Tu Th</b>	<b>Buechler M</b> <b>Buechler M</b>	<b>SAC T-107</b> <b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29523</b>	<b>9:15p-9:45p</b> <b>5:30p-9:05p</b>	<b>M W</b> <b>M W</b>	<b>Bright T</b> <b>Bright T</b>	<b>SAC T-101</b> <b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		

**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.*

<b>C</b>	<b>29524</b>	<b>12:50p-1:20p</b> <b>9:05a-12:40p</b>	<b>Tu Th</b> <b>Tu Th</b>	<b>Buechler M</b> <b>Buechler M</b>	<b>SAC T-107</b> <b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29525</b>	<b>8:45p-9:15p</b> <b>5:00p-8:35p</b>	<b>Tu Th</b> <b>Tu Th</b>	<b>Buechler M</b> <b>Buechler M</b>	<b>SAC T-107</b> <b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29526</b>	<b>9:15p-9:45p</b> <b>5:30p-9:05p</b>	<b>M W</b> <b>M W</b>	<b>Bright T</b> <b>Bright T</b>	<b>SAC T-101</b> <b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		

**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.*

<b>C</b>	<b>29527</b>	<b>12:50p-1:20p</b> <b>9:05a-12:40p</b>	<b>Tu Th</b> <b>Tu Th</b>	<b>Buechler M</b> <b>Buechler M</b>	<b>SAC T-107</b> <b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29528</b>	<b>8:45p-9:15p</b> <b>5:00p-8:35p</b>	<b>Tu Th</b> <b>Tu Th</b>	<b>Buechler M</b> <b>Buechler M</b>	<b>SAC T-107</b> <b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29529</b>	<b>9:15p-9:45p</b> <b>5:30p-9:05p</b>	<b>M W</b> <b>M W</b>	<b>Bright T</b> <b>Bright T</b>	<b>SAC T-101</b> <b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		

**MNFG 169, JOB SHOP SKILLS** **0.5 - 3.0 UNITS**

Experience in planning, setup and machining of a wide variety of projects using all machine tools. Students will build upon the skills and theory gained in beginning and advanced Manufacturing Technology classes or by on-the-job experience.

*Prerequisite: Manufacturing Technology 159 and 168 with a minimum grade of C.*

Open Entry / Open Exit

<b>C</b>	<b>29530</b>	<b>9:05a-1:55p</b>	<b>Tu Th</b>	<b>Buechler M</b>	<b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29531</b>	<b>5:00p-9:50p</b>	<b>Tu Th</b>	<b>Buechler M</b>	<b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>29532</b>	<b>5:30p-10:20p</b>	<b>M W</b>	<b>Bright T</b>	<b>SAC T-107</b>	<b>Full Semester</b>
				This class meets on-campus.		

**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.*

<b>C</b>	<b>29533</b>	<b>9:00a-1:15p</b>	<b>Sa</b>	<b>Singh N</b>	<b>SAC H-205</b>	<b>Full Semester</b>
				This class meets on-campus.		

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**MNFG 173, MASTERCAM - 2D GEOMETRY, 2D TOOLPATHS 3.0 UNITS**

Computer assisted numerical control programming of machine tools using Mastercam software. Creation of 2D-part geometry. 2D-part programming including contouring, pocketing, drilling, and tapping.

**C 29534 5:30p-6:55p Tu Th Singh N SAC T-203 Full Semester**

This class meets on-campus.

**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.*

**C 29535 7:00p-10:10p M Singh N SAC T-203-1 Full Semester**

This class meets on-campus.

**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.*

**C 29536 8:30a-11:40a Sa Rios J SAC T-203-1 Full Semester**

This class meets on-campus.

**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.*

**C 29537 7:00p-10:10p W Singh N SAC T-107 Full Semester**

This class meets 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.*

**C 29538 7:00p-10:10p Th Singh N SAC T-203-1 Full Semester**

This class meets 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.*

**C 29539 7:00p-10:10p Tu Singh N SAC T-203-1 Full Semester**

This class meets on-campus.

**MARKETING (MKTG)**

**MKTG 113, PRINCIPLES OF MARKETING 3.0 UNITS**

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

**O 29398 Kowsari A SAC ONLINE 08/21-10/15**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

Instructor has elected to use Open Educational Resources (OER) for the class and will provide a link to your course materials. There is a \$20 material fee with no additional textbook cost.

**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.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**VH 29357** **Staff** **SAC ONLINE** **10/16-12/10**  
**6:00p-8:00p** **Tu** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**MKTG 130, BUSINESS WRITING FOR SOCIAL MEDIA** **1.0 UNIT**  
 Learn how to write professional business content for social media and digital marketing by focusing on purpose and intended audiences. Learn proper techniques and innovative marketing writing strategies to become effective at using current industry standard social media platforms such as Instagram, Twitter, Facebook, Snapchat, Pinterest, and YouTube videos.

**O 29393** **Staff** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

## MATHEMATICS (MATH)

**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.

**C 28302** **5:20p-7:25p** **Tu** **Staff** **SAC I-102** **10/16-12/10**

**MATH 087, SUPPORT FOR CALCULUS I** **0.5 UNIT**  
 A review of Algebra and Trigonometry topics needed to be successful in Calculus. Intended to be taken concurrently with Calculus 1 (Math 180) to supplement student learning with prerequisite skills.  
*Corequisite: Concurrent enrollment in MATH 180.*

**C 28404** **10:05a-10:55a** **M W** **Sweeney G** **SAC I-204** **Full Semester**  
 Section #28404 is linked with Math 180 #28403. Enrollment in both sections is mandatory. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

**C 28407** **10:05a-10:55a** **Tu Th** **McKowan-Bourguignon L** **SAC I-204** **Full Semester**  
 Section #28407 is linked with Math 180 #28406. Enrollment in both sections is mandatory. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

**C 28413** **1:15p-2:05p** **Tu Th** **Ro K** **SAC I-204** **Full Semester**  
 Section #28413 is linked with Math 180 #28412. Enrollment in both sections is mandatory. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

**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.*

**OL 28309** **7:00a-10:50a** **F** **Nguyen K** **SAC ZOOM** **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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 are no additional textbook costs for this ZTC class.

**OL 28303** **7:50a-9:55a** **M W** **Nguyen K** **SAC ZOOM** **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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 are no additional textbook costs for this ZTC class.

**C 28306** **7:50a-9:55a** **Tu Th** **Staff** **SAC H-109** **Full Semester**

**C 28304** **10:05a-12:10p** **M W** **Solheid C** **SAC H-109** **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 are no additional textbook costs for this ZTC class.

**C 28307** **10:05a-12:10p** **Tu Th** **Vu D** **SAC H-109** **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 are no additional textbook costs for this ZTC class.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

<b>C</b>	<b>30624</b>	<b>10:40a-11:40a</b>	<b>M Tu W Th</b>	<b>Staff</b>	<b>SAC GHS</b>	<b>08/21-12/21</b>
	This is a Dual Enrollment class designed for Godinez High School students only.					
<b>C</b>	<b>30623</b>	<b>1:20p-2:15p</b>	<b>M Tu W Th</b>	<b>Staff</b>	<b>SAC GHS</b>	<b>08/21-12/21</b>
	This is a Dual Enrollment class designed for Godinez High School students only.					
<b>C</b>	<b>28305</b>	<b>5:20p-7:25p</b>	<b>M W</b>	<b>Bradley K</b>	<b>SAC H-109</b>	<b>Full Semester</b>
	Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
<b>C</b>	<b>28308</b>	<b>7:35p-9:40p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC H-109</b>	<b>Full Semester</b>
<b>O</b>	<b>28310</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
<b>O</b>	<b>28311</b>			<b>Solheid C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
<b>O</b>	<b>28312</b>			<b>Solheid C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
<b>O</b>	<b>28313</b>			<b>Nguyen K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
<b>O</b>	<b>28314</b>			<b>Vu D</b>	<b>SAC ONLINE</b>	<b>09/18-12/10</b>
	Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
<b>O</b>	<b>28315</b>			<b>Bradley K</b>	<b>SAC ONLINE</b>	<b>10/16-11/12</b>
	Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					

**MATH 140, COLLEGE ALGEBRA**

**4.0 UNITS**

Survey of advanced topics in algebra: equations, inequalities and functions involving polynomials, rationals, exponentials, and logarithms with applications and graphing; sequences and series.

*Prerequisite: Mathematics 084 with a minimum grade of C or equivalent skills as measured by placement into Mathematics 140 according to the Santa Ana College Math Department's placement standards.*

<b>OL</b>	<b>28333</b>	<b>7:50a-9:55a</b>	<b>Tu Th</b>	<b>Mishal A</b>	<b>SAC ZOOM</b>	<b>Full Semester</b>
	Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . 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 are no additional textbook costs for this ZTC class.					

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

- OL 28331 5:20p-7:25p M W Staff SAC ZOOM Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
- O 28341 Romero M SAC ONLINE Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
- O 28342 Romero M SAC ONLINE Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
- O 28347 Mishal A SAC ONLINE Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
- O 28348 Leeds K SAC ONLINE Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
- O 28349 Romero M SAC ONLINE Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
- O 28352 Oh S SAC ONLINE 09/18-12/10**  
 Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. 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.
- O 28353 Nguyen K SAC ONLINE 09/18-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
- O 28354 Oh S SAC ONLINE 09/18-12/10**  
 Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. 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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**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

 **28355** **Lechuga J** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require in-person proctored exams on the following dates: 11/9 & 12/7 from 6:00pm - 8:00pm in H-105. 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.

 **28356** **Oh S** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. 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.

 **32196** **10:05a-12:10p** **Tu Th** **Staff** **SAC L-203** **Full Semester**

**MATH 140S, COLLEGE ALGEBRA WITH SUPPORT** **4.5 UNITS**

Survey of advanced topics in algebra: equations, inequalities and functions involving polynomials, rationals, exponentials, and logarithms with applications and graphing; sequences and series. Course includes just-in-time review of topics from arithmetic, Elementary Algebra, Intermediate Algebra, and/or other topics as necessary. Intended for students who did not directly place into Math 140 or for students who would like to supplement their learning with prerequisite skills needed for College Algebra.

*MATH 084: Mathematics 084 with a minimum grade of C or equivalent skills as measured by placement into Math 140S according to the Santa Ana College Math Department's placement standards.*

 **28316** **7:50a-9:55a** **M W** **Zarske J** **SAC H-105** **Full Semester**  
**10:05a-10:55a** **M W** **Zarske J** **SAC H-105**

 **28317** **7:50a-9:55a** **M W** **Mishal A** **SAC ZOOM** **Full Semester**  
 **10:05a-10:55a** **M W** **Mishal A** **SAC ZOOM**

 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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 are no additional textbook costs for this ZTC class.

 **28323** **7:50a-9:55a** **Tu Th** **Staff** **SAC H-104** **Full Semester**  
**10:05a-10:55a** **Tu Th** **Staff** **SAC H-104**

 **28324** **7:50a-9:55a** **Tu Th** **Staff** **SAC H-105** **Full Semester**  
**10:05a-10:55a** **Tu Th** **Staff** **SAC H-105**

 **28334** **7:50a-9:55a** **M W** **Staff** **SAC H-104** **Full Semester**  
**7:50a-9:55a** **F** **Staff** **SAC H-104**

 **28318** **11:00a-1:05p** **M W** **Zarske J** **SAC H-104** **Full Semester**  
**1:15p-2:05p** **M W** **Zarske J** **SAC H-104**

 **28319** **11:00a-1:05p** **M W** **Lechuga J** **SAC I-102** **Full Semester**  
 **1:15p-2:05p** **M W** **Lechuga J** **SAC I-102**

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

 **28325** **11:00a-1:05p** **Tu Th** **Hager B** **SAC I-102** **Full Semester**  
 **1:05p-2:05p** **Tu Th** **Hager B** **SAC I-102**

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

 **28326** **11:00a-1:05p** **Tu Th** **Lechuga J** **SAC ZOOM** **Full Semester**  
 **1:15p-2:05p** **Tu Th** **Lechuga J** **SAC ZOOM**

 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This class will require in-person proctored exams during the assigned class time on the dates given in your syllabus. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

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 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

	<b>28320</b>	<b>2:10p-4:15p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC I-203</b>	<b>Full Semester</b>
		<b>4:25p-5:15p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC I-203</b>	
	<b>28321</b>	<b>2:10p-4:15p</b>	<b>M W</b>	<b>Romero M</b>	<b>SAC H-105</b>	<b>Full Semester</b>
		<b>4:25p-5:15p</b>	<b>M W</b>	<b>Romero M</b>	<b>SAC H-105</b>	
	Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
	<b>28327</b>	<b>2:10p-4:15p</b>	<b>Tu Th</b>	<b>Hager B</b>	<b>SAC H-105</b>	<b>Full Semester</b>
		<b>4:25p-5:15p</b>	<b>Tu Th</b>	<b>Hager B</b>	<b>SAC H-105</b>	
	Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
	<b>28322</b>	<b>5:20p-7:25p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-104</b>	<b>Full Semester</b>
		<b>7:35p-8:25p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-104</b>	
	<b>28328</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC H-104</b>	<b>Full Semester</b>
		<b>7:35p-8:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC H-104</b>	
	<b>28329</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC ZOOM</b>	<b>Full Semester</b>
		<b>7:35p-8:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC ZOOM</b>	

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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 or Mathematics 145 with a minimum grade of C; or placement into Math 150 according to the Santa Ana College Math Department's placement standards.*

	<b>28358</b>	<b>10:05a-12:35p</b>	<b>Tu Th</b>	<b>Oh S</b>	<b>SAC I-203</b>	<b>Full Semester</b>
	<b>28360</b>			<b>Nguyen K</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.

	<b>28363</b>			<b>Shahbazian R</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs 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 Math 162 according to the Santa Ana College Math Department's placement standards.*

	<b>28386</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC L-203</b>	<b>Full Semester</b>
	<b>28388</b>	<b>7:50a-9:55a</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC L-203</b>	<b>Full Semester</b>
	<b>28387</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Hager B</b>	<b>SAC L-203</b>	<b>Full Semester</b>

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

	<b>28390</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Lui R</b>	<b>SAC ZOOM</b>	<b>Full Semester</b>
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Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated.

Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This class will require in-person proctored exams during the assigned class time on the dates given in your syllabus.

	<b>28391</b>			<b>Solheid C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

**ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

OER

ZTC

Honors Courses:

HONORS

 **28395** **Mishal A** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs 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.  
*MATH 140S or MATH 140 and MATH 162: Mathematics 140 or Mathematics 140S and Mathematics 162 with a minimum grade of C or equivalent skills as measured by placement into Math 180 according to the Santa Ana College Math Department's placement standards.*

 **28403** **7:50a-9:55a** **M W** **Sweeney G** **SAC I-204** **Full Semester**  
 Section #28403 is linked with Math 087 #28404. Enrollment in both sections is mandatory. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

 **28406** **7:50a-9:55a** **Tu Th** **McKowan-Bourguignon L** **SAC I-204** **Full Semester**  
 Section #28406 is linked with Math 087 #28407. Enrollment in both sections is mandatory. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

 **28412** **11:00a-1:05p** **Tu Th** **Ro K** **SAC I-204** **Full Semester**  
 Section #28412 is linked with Math 087 #28413. Enrollment in both sections is mandatory. \*Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class. \*\* Additional Section Dates \*\*\* Last Date to Add (add authorization required) : September 4, 2023. Last Drop Date with W grade: November 12, 2023. Last Drop Date without W grade: September 4, 2023. Last Date to get Refund: September 4, 2023

 **28416** **1:15p-3:20p** **M W** **Staff** **SAC I-204** **Full Semester**

 **28417** **5:20p-7:25p** **M W** **Staff** **SAC ZOOM** **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

 **28419** **Everett M** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

 **28422** **McKowan-Bourguignon L** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: mm/dd - mm/dd, mm/dd - mm/dd, mm/dd - mm/dd. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

 **28454** **Ro K** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

 **28455** **Tolentino J** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. \*Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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.

*Prerequisite: Mathematics 180 or Mathematics 180H with a minimum grade of C.*

**C 28459 7:50a-9:55a M W Staff SAC I-203 Full Semester**

**OL 28460 5:20p-7:25p Tu Th Staff SAC ZOOM Full Semester**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**O 28463 Everett M SAC ONLINE Full Semester**

Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

**O 28464 Ro K SAC ONLINE Full Semester**

Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

**O 28465 McKowan-Bourguignon L SAC ONLINE Full Semester**

Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require in-person proctored exams on the following dates: 9/21, 10/19, 11/16 & 12/7 from 6:00pm - 8:00pm in SC-111. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

**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.*

**C 28469 7:50a-9:55a Tu Th Everett M SAC R-101 Full Semester**

Section #28469 is linked with Math 204L #28470. Enrollment in both sections is mandatory.

**H 28472 Romero M SAC HYBRID Full Semester**

**5:30p-8:30p W Staff SAC L-203**

Section #28472 is linked with Math 204L #29943. Enrollment in both sections is mandatory. On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.*

**C 28470 10:05a-10:55a Tu Th Everett M SAC R-101 Full Semester**

Section #28470 is linked with Math 204 #28469. Enrollment in both sections is mandatory.

**VH 29943 Romero M SAC ONLINE Full Semester**

**5:30p-7:00p W Staff SAC ZOOM**

Section #29943 is linked with Math 204 #28472. Enrollment in both sections is mandatory. Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

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**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

**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.*

-  **28505**      **7:00a-10:50a**      **F**      **Lui R**      **SAC ZOOM**      **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated.  
 Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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 are no additional textbook costs for this ZTC class.
-  **28504**      **7:50a-9:55a**      **Tu Th**      **Zarske J**      **SAC ZOOM**      **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated.  
Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
-  **32197**      **10:05a-12:10p**      **M W**      **Staff**      **SAC I-203**      **Full Semester**
-  **28502**      **7:35p-9:40p**      **M W**      **Staff**      **SAC ZOOM**      **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated.  
Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
-  **28506**      **Leeds K**      **SAC ONLINE**      **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
-  **28507**      **Mishal A**      **SAC ONLINE**      **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
-  **28508**      **Smith S**      **SAC ONLINE**      **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
-  **28509**      **Bradley K**      **SAC ONLINE**      **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
-  **28510**      **Bradley K**      **SAC ONLINE**      **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
-  **28511**      **Smith S**      **SAC ONLINE**      **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

- 28512** **Lui R** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- 28514** **Corp R** **SAC ONLINE** **09/18-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
- 28515** **Corp R** **SAC ONLINE** **09/18-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
- 28516** **Shahbazian R** **SAC ONLINE** **09/18-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.
- 28519** **Lui R** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.
- 28520** **Tolentino J** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.

**MATH 219S, 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.

*MATH 083 or MATH 084: Mathematics 083 or Mathematics 084 with a minimum grade of C or equivalent skills as measured by placement into Math 219S according to the Santa Ana College Math Department's placement standards*

<b>C</b>	<b>28475</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-107</b>	<b>Full Semester</b>
		<b>7:50a-9:55a</b>	<b>F</b>	<b>Staff</b>	<b>SAC H-107</b>	
<b>C</b>	<b>28480</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC L-207</b>	<b>Full Semester</b>
		<b>10:05a-10:55a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC L-207</b>	
<b>C</b>	<b>28483</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Tolentino J</b>	<b>SAC H-108</b>	<b>Full Semester</b>
		<b>10:05a-10:55a</b>	<b>M W</b>	<b>Tolentino J</b>	<b>SAC H-108</b>	

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

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**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

	<b>28487</b>	<b>7:50a-9:55a</b>	<b>Tu Th</b>	<b>Corp R</b>	<b>SAC H-107</b>	<b>Full Semester</b>
		<b>10:05a-10:55a</b>	<b>Tu Th</b>	<b>Corp R</b>	<b>SAC H-107</b>	
	Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
	<b>28484</b>	<b>11:00a-1:05p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-107</b>	<b>Full Semester</b>
		<b>1:15p-2:05p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-107</b>	
	<b>28490</b>	<b>11:00a-1:05p</b>	<b>Tu Th</b>	<b>Corp R</b>	<b>SAC H-108</b>	<b>Full Semester</b>
		<b>1:15p-2:05p</b>	<b>Tu Th</b>	<b>Corp R</b>	<b>SAC H-108</b>	
	Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
	<b>28491</b>	<b>11:00a-1:05p</b>	<b>Tu Th</b>	<b>Smith S</b>	<b>SAC L-207</b>	<b>Full Semester</b>
		<b>1:15p-2:05p</b>	<b>Tu Th</b>	<b>Smith S</b>	<b>SAC L-207</b>	
	Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
	<b>28485</b>	<b>2:10p-4:15p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC L-207</b>	<b>Full Semester</b>
		<b>4:25p-5:15p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC L-207</b>	
	<b>28493</b>	<b>2:10p-4:15p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC H-107</b>	<b>Full Semester</b>
		<b>4:25p-5:15p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC H-107</b>	
	<b>28486</b>	<b>5:20p-7:25p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-107</b>	<b>Full Semester</b>
		<b>7:35p-8:25p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-107</b>	
	<b>28494</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC L-207</b>	<b>Full Semester</b>
		<b>7:35p-8:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC L-207</b>	
	<b>28496</b>	<b>5:20p-7:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC ZOOM</b>	<b>Full Semester</b>
		<b>7:35p-8:25p</b>	<b>Tu Th</b>	<b>Staff</b>	<b>SAC ZOOM</b>	

**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.*

	<b>28521</b>	<b>7:50a-9:55a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-109</b>	<b>Full Semester</b>
	<b>29552</b>			<b>Everett M</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
						

	<b>29553</b>			<b>Shahbazian R</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There are no additional textbook costs for this ZTC class.					
						

**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.*

	<b>28522</b>	<b>1:15p-3:45p</b>	<b>Tu Th</b>	<b>Sweeney G</b>	<b>SAC I-203</b>	<b>Full Semester</b>
	<b>29554</b>			<b>Sweeney G</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
	Fully Online Instruction with proctored exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. <a href="https://canvas.sac.edu">canvas.sac.edu</a> . There will be no instructional meetings. This class will require proctored exams using software. Students must have access to a webcam and a microphone.					

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 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**  
 **OER**  
 **ZTC**  
**Honors Courses:**  
 **HONORS**

## 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.*

Open Entry / Open Exit

<b>C</b>	<b>27871</b>		<b>Emley C</b>	<b>SAC R-318</b>		<b>Full Semester</b>
	<b>10:00a-1:00p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC R-318</b>		
	<b>3:00p-4:30p</b>	<b>Sa</b>		<b>SAC R-318</b>		

Section 27871 only meets 8/26/2023 from 10:00AM - 1:00PM in Russell Hall R-318 & 12/2/2023 from 3:00PM - 4:30PM in Russell Hall R-318. Students arrange work experience placement with faculty support. Number of units based on number of hours to be arranged. (60 hours of work = 1 unit of college credit). Healthcare experience is encouraged.

**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 B Virus, Hepatitis C Virus, HIV-AIDS, and Tuberculosis including compliance requirements, exposure control measures, exposure determination, engineering controls, work practice controls, personal protective equipment, universal precautions and post exposure practices.

<b>OL</b>	<b>27915</b>	<b>8:00a-12:30p</b>	<b>Sa</b>	<b>Emley C</b>	<b>SAC ZOOM</b>	<b>09/02-09/09</b>
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Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to canvas at [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on campus. Section 27915 meets for 4.5 hours on 9/2/23 & 9/9/23 from 8:00AM - 12:30PM via Zoom. There is no additional textbook cost for this ZTC class.

**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.

<b>H</b>	<b>27917</b>		<b>Emley C</b>	<b>SAC HYBRID</b>		<b>09/01-10/14</b>
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On-Campus Hybrid Instruction. Online instruction with one, six-hour on-campus lab. Students log in to canvas at [canvas.sac.edu](https://canvas.sac.edu). Section 27917 meets for 6.0 hours on either 10/13/23 or 10/14/23 in R-307 from 9:00AM - 3:00PM. 1.5 hours to be arranged. There is no additional textbook cost for this ZTC class.

<b>H</b>	<b>27918</b>		<b>Emley C</b>	<b>SAC HYBRID</b>		<b>10/20-12/02</b>
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On-Campus Hybrid Instruction. Online instruction with one, six-hour on-campus lab. Students log in to canvas at [canvas.sac.edu](https://canvas.sac.edu). Section 27918 meets for 6.0 hours on 12/1/23 or 12/2/23 in R-307 from 9:00 AM-3:00 PM. 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.

<b>OL</b>	<b>27926</b>	<b>10:05a-1:15p</b>	<b>M</b>	<b>Luke B</b>	<b>SAC ZOOM</b>	<b>10/16-12/10</b>
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Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

<b>OL</b>	<b>27920</b>	<b>1:15p-4:25p</b>	<b>M</b>	<b>Seitz C</b>	<b>SAC ZOOM</b>	<b>Full Semester</b>
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Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Canvas and other technologies will be required to complete coursework.

<b>OL</b>	<b>27921</b>	<b>4:35p-7:45p</b>	<b>M</b>	<b>Seitz C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Canvas and other technologies will be required to complete coursework.

<b>O</b>	<b>27922</b>		<b>Emley C</b>	<b>SAC ONLINE</b>		<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to canvas by the first day of class for detailed information and required course work. [Canvas.sac.edu](https://Canvas.sac.edu). There will be no instructional meetings.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

**27930** **Gonzalez E** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**MA 051B, ADVANCED MEDICAL TERMINOLOGY** **3.0 UNITS**  
 Continuation of MA 051A. Includes medical terms related to anatomy, physiology, diagnostic tests and pathology of the nervous, cardiovascular, respiratory, circulatory, musculoskeletal, skin, sensory, and the endocrine systems.  
*MA 051A: Medical Assistant 051A with a minimum grade of C.*

**27928** **10:05a-1:05p** **Th** **Emley C** **SAC R-318** **Full Semester**

**27927** **Emley C** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to canvas by the first day of class for detailed information and required course work. [Canvas.sac.edu](https://Canvas.sac.edu). There will be no instructional meetings.

**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 first aid and life threatening illnesses.

**27938** **1:15p-4:25p** **Th** **Seitz C** **SAC ZOOM** **Full Semester**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to canvas at [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on campus.

**27936** **4:35p-7:45p** **W** **Seitz C** **SAC ZOOM** **Full Semester**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to canvas at [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on campus.

**MA 054, MEDICAL INSURANCE BILLING AND CODING** **3.0 UNITS**  
 Medical Insurance Billing and Coding includes guidelines, regulations, completion of insurance claims, and program information for Medicare, Medicaid/MediCal, TRICARE, Medi/Medi, State Disability, Workers Compensation, and private commercial insurance. Instruction includes legal and ethical guidelines, and instruction in procedural coding, CPT, HCPCS, and diagnostic coding, ICD-10.  
*MA 051A: Medical Assistant 051A with a minimum grade of C.*

**27940** **1:15p-4:25p** **Tu** **Seitz C** **SAC ZOOM** **Full Semester**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to canvas at [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on campus.

**27944** **1:15p-4:25p** **W** **Luke B** **SAC ZOOM** **Full Semester**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to canvas at [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on campus.

**27942** **4:35p-7:45p** **Tu** **Seitz C** **SAC ZOOM** **Full Semester**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to canvas at [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on campus.

**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.

**27946** **Emley C** **SAC HYBRID** **Full Semester**

**1:15p-4:25p** **Tu** **Staff** **SAC R-307**

On-Campus Hybrid Instruction. A combination of on-campus meeting during the days and times indicated and online instruction. Students log in to canvas at [canvas.sac.edu](https://canvas.sac.edu).

**27951** **Gonzalez E** **SAC HYBRID** **Full Semester**

**4:35p-7:45p** **Tu** **Staff** **SAC R-307**

On-Campus Hybrid Instruction. A combination of on-campus meetings on Tuesdays, 9/19, 10/10, 10/31, 11/14 and 12/5 from 4:35PM - 7:45PM in R-307 and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**MA 056, COMPUTER APPLICATIONS FOR THE MEDICAL OFFICE** **3.0 UNITS**  
 This course is an introduction to computer applications for a medical office setting, including Practice Management with patient registration, scheduling, verifying insurance eligibility, posting charges and payments, computerized billing, and preparing insurance claims. The course also includes documenting components of clinical back-office encounters, ordering procedures and referrals, and preparing lab requisitions and prescriptions in an Electronic Medical Record.

*MA 051A and MA 053: Medical Assistant 051A and Medical Assistant 053 with a minimum grade of C.*

**OL** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**



 **16578** **Jones E** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

 **20166** **Jin J** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

**MUS 102, WORLD MUSIC** **3.0 UNITS**

Music from the Far East, Southeast Asia, Africa, the Middle East, Europe and the Americas. Students are guided to enjoy and to understand music from diverse cultures. Investigation of the interconnections of culture, aesthetics, and musical styles. Concert attendance and assigned listening required.

 **16735** **8:30a-9:55a** **M W** **Marr J** **SAC N-114** **Full Semester**

 **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.

 **16737** **8:30a-9:55a** **M W** **Marr J** **SAC N-114** **Full Semester**

**MUS 103, JAZZ IN AMERICA** **3.0 UNITS**

A historical survey of the development and evolution of jazz in America from its earliest roots in African and European music. The study will also include the social and economic conditions which influenced this art form.

 **16741** **1:15p-2:40p** **Tu Th** **Pacier P** **SAC N-114** **Full Semester**

 **16738** **Kehlenbach E** **SAC ONLINE** **08/21-10/15**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

 **16742** **Kehlenbach E** **SAC ONLINE** **10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.  
 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.

**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.

 **16743** **8:30a-9:55a** **Tu Th** **Adele D** **SAC N-117** **Full Semester**

 **16744** **4:20p-7:30p** **M** **Pacier P** **SAC 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.

 **16745** **Luevano R** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**MUS 110, MUSIC FUNDAMENTALS AND CULTURE** **3.0 UNITS**

An introduction to the notation and primary elements of tonal music throughout history from Western and global cultures. Examples from music literature will demonstrate staff notation in treble and bass clefs, rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; and diatonic chords. History and social context of these concepts will be discussed. Development of skills in handwritten notation is expected.

 **28571** **6:00p-9:10p** **Th** **Marr J** **SAC N-114** **Full Semester**

 **28574** **Kehlenbach E** **SAC ONLINE** **Full Semester**

**10:05a-11:05a** **M W** **Staff** **SAC ZOOM**

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**MUS 111, 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.

<b>C</b>	<b>28572</b>	<b>6:00p-9:10p</b>	<b>Th</b>	<b>Marr J</b>	<b>SAC N-114</b>	<b>Full Semester</b>
		<b>9:20p-10:10p</b>	<b>Th</b>	<b>Marr J</b>	<b>SAC N-114</b>	
<b>VH</b>	<b>28575</b>			<b>Kehlenbach E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
		<b>10:05a-11:05a</b>	<b>M</b>	<b>Kehlenbach E</b>	<b>SAC ZOOM</b>	
		<b>10:05a-11:05a</b>	<b>W</b>		<b>SAC ZOOM</b>	

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

<b>C</b>	<b>16749</b>	<b>5:00p-5:50p</b>	<b>Th</b>	<b>Marr J</b>	<b>SAC N-105</b>	<b>Full Semester</b>
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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.*

<b>C</b>	<b>16750</b>	<b>5:00p-5:50p</b>	<b>Th</b>	<b>Marr J</b>	<b>SAC N-105</b>	<b>Full Semester</b>
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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.*

<b>C</b>	<b>16751</b>	<b>6:00p-6:50p</b>	<b>Th</b>	<b>Kehlenbach E</b>	<b>SAC N-105</b>	<b>Full Semester</b>
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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.*

<b>C</b>	<b>16752</b>	<b>6:00p-6:50p</b>	<b>Th</b>	<b>Kehlenbach E</b>	<b>SAC N-105</b>	<b>Full Semester</b>
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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

<b>C</b>	<b>16753</b>	<b>TBA</b>		<b>Gerling A</b>	<b>SAC C-104</b>	<b>Full Semester</b>
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New students interested in Applied Music instruction should attend the orientation meeting Tuesday, August 22, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed. 6 hours arranged per week

**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

<b>C</b>	<b>16756</b>	<b>TBA</b>		<b>Gerling A</b>	<b>SAC C-104</b>	<b>Full Semester</b>
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New students interested in Applied Music instruction should attend the orientation meeting Tuesday, August 22, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed. 6 hours arranged per week

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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

<b>C</b>	<b>16757</b>	<b>TBA</b>	<b>Gerling A</b>	<b>SAC C-104</b>	<b>Full Semester</b>
New students interested in Applied Music instruction should attend the orientation meeting Tuesday, August 22, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed. 6 hours arranged per week					

**MUS 115D, APPLIED MUSIC (PRIVATE INSTRUCTION)**

**1.5 UNITS**

Weekly lesson in voice, piano, band/orchestral instrument, or classical guitar, covering more advanced repertoire than Music 115C. Five hours on campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course.

Open Entry / Open Exit

<b>C</b>	<b>16758</b>	<b>TBA</b>	<b>Gerling A</b>	<b>SAC C-104</b>	<b>Full Semester</b>
New students interested in Applied Music instruction should attend the orientation meeting Tuesday, August 22, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed. 6 hours arranged per week					

**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.

<b>16763</b>	<b>5:00p-5:50p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	<b>Full Semester</b>
	<b>6:00p-6:50p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	
<b>O</b>	<b>16759</b>		<b>Jones E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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. Song literature matched to student level. Designed for both music majors and non-music majors.

*Prerequisite: Music 121 with a minimum grade of C.*

<b>C</b>	<b>16764</b>	<b>5:00p-5:50p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	<b>Full Semester</b>
		<b>6:00p-6:50p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	
<b>O</b>	<b>16760</b>			<b>Jones E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

<b>C</b>	<b>16765</b>	<b>5:00p-5:50p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	<b>Full Semester</b>
		<b>6:00p-6:50p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	
<b>O</b>	<b>16761</b>			<b>Jones E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

<b>C</b>	<b>16766</b>	<b>5:00p-5:50p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	<b>Full Semester</b>
		<b>6:00p-6:50p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	
<b>O</b>	<b>16762</b>			<b>Jones E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

<b>C</b>	<b>16780</b>	<b>7:00p-10:10p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	<b>Full Semester</b>
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**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.

<b>C</b>	<b>16781</b>	<b>7:00p-10:10p</b>	<b>Tu</b>	<b>Jones E</b>	<b>SAC N-117</b>	<b>Full Semester</b>
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**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.

<b>C</b>	<b>16782</b>	<b>1:15p-2:40p</b>	<b>M W</b>	<b>Jones E</b>	<b>SAC N-117</b>	<b>Full Semester</b>
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1 hour arranged per week

**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.

<b>C</b>	<b>16785</b>	<b>7:00p-10:10p</b>	<b>M</b>	<b>Garibay O</b>	<b>SAC N-117</b>	<b>Full Semester</b>
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**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.

<b>C</b>	<b>28576</b>	<b>10:05a-11:10a</b>	<b>Tu Th</b>	<b>Marr J</b>	<b>DMC-204</b>	<b>08/21-10/15</b>
		<b>11:20a-12:25p</b>	<b>Tu Th</b>	<b>Marr J</b>	<b>DMC-204</b>	

**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.*

<b>C</b>	<b>16789</b>	<b>10:05a-11:10a</b>	<b>Tu Th</b>	<b>Marr J</b>	<b>DMC-204</b>	<b>10/16-12/10</b>
		<b>11:20a-12:25p</b>	<b>Tu Th</b>	<b>Marr J</b>	<b>DMC-204</b>	

**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.  
*Prerequisite: Music 143 or Music 147 with a minimum grade of C.*

<b>C</b>	<b>28577</b>	<b>10:05a-11:10a</b>	<b>Tu Th</b>	<b>Marr J</b>	<b>DMC-204</b>	<b>10/16-12/10</b>
		<b>11:20a-12:25p</b>	<b>Tu Th</b>	<b>Marr J</b>	<b>DMC-204</b>	

**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.

<b>C</b>	<b>16791</b>	<b>10:05a-12:15p</b>	<b>M W</b>	<b>Tomlinson J</b>	<b>DMC-204</b>	<b>08/21-10/11</b>
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**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.

<b>C</b>	<b>16792</b>	<b>7:35p-9:00p</b>	<b>M W</b>	<b>Garcia J</b>	<b>DMC-204</b>	<b>Full Semester</b>
		<b>9:00p-9:30p</b>	<b>M W</b>	<b>Garcia J</b>	<b>DMC-204</b>	

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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.

**C 16913**      **10:05a-11:10a**      **M W**      **Lee S**      **SAC N-106**      **10/16-12/10**  
                          **11:20a-12:25p**      **M W**      **Lee S**      **SAC N-106**

Free loaner keyboards are available. Please contact the instructor.

**C 16918**      **7:00p-7:50p**      **Tu**      **Kim J**      **SAC N-106**      **Full Semester**  
                          **8:00p-8:50p**      **Tu**      **Kim J**      **SAC N-106**

Free loaner keyboards are available. Please contact the instructor.

**O 16917**      **Jin J**      **SAC ONLINE**      **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Free loaner keyboards are available. Please contact the instructor.

**MUS 162, CLASS PIANO II**

**1.0 UNIT**

Group instruction for those possessing basic piano skills, but still classified as beginners. Emphasizes note reading, keyboard technique, chord patterns, and sightreading. Daily practice required. Practice pianos available on campus. Required for music majors whose principal instrument is not piano.

*Prerequisite: Music 161 with a minimum grade of C.*

**C 16926**      **6:00p-6:50p**      **W**      **Lee S**      **SAC N-106**      **Full Semester**  
                          **7:00p-7:50p**      **W**      **Lee S**      **SAC N-106**

Free loaner keyboards are available. Please contact the instructor.

**H 16919**      **1:15p-2:05p**      **Th**      **Jin J**      **SAC HYBRID**      **Full Semester**  
                          **Jin J**      **SAC N-106**

On-Campus Hybrid Instruction. A combination of on-campus Lab meetings during the days and times indicated and online instruction. Students log in to Canvas [canvas.sac.edu](https://canvas.sac.edu) Free loaner keyboards are available. Please contact the instructor.

**MUS 163, CLASS PIANO III**

**1.0 UNIT**

Instruction for students who have completed two semesters of piano and are ready for the intermediate level. Emphasizes building technique, sight reading, and performance. Daily practice required. Practice pianos available on campus.

*Prerequisite: Music 162 with a minimum grade of C.*

**C 16927**      **7:00p-7:50p**      **W**      **Lee S**      **SAC N-106**      **Full Semester**  
                          **8:00p-8:50p**      **W**      **Lee S**      **SAC N-106**

Free loaner keyboards are available. Please contact the instructor.

**H 16920**      **1:15p-2:05p**      **Th**      **Jin J**      **SAC HYBRID**      **Full Semester**  
                          **Jin J**      **SAC N-106**

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**MUS 164A, INTERMEDIATE PIANO REPERTOIRE I**

**1.0 UNIT**

Instruction for intermediate level students. Emphasizes solo material, technique, sight reading, interpretation, and performance. Daily practice required. Practice pianos available on campus.

*Prerequisite: Music 163 with a minimum grade of C.*

**C 16928**      **7:00p-7:50p**      **W**      **Lee S**      **SAC N-106**      **Full Semester**  
                          **8:00p-8:50p**      **W**      **Lee S**      **SAC N-106**

Free loaner keyboards are available. Please contact the instructor.

**H 16921**      **1:15p-2:05p**      **Th**      **Jin J**      **SAC HYBRID**      **Full Semester**  
                          **Jin J**      **SAC N-106**

On-Campus Hybrid Instruction. A combination of on-campus Lab meetings during the days and times indicated and online instruction. Students log in to Canvas [canvas.sac.edu](https://canvas.sac.edu) Free loaner keyboards are available. Please contact the instructor.

**MUS 164B, INTERMEDIATE PIANO REPERTOIRE II**

**1.0 UNIT**

Continuation of instruction for advanced intermediate level students. Emphasizes solo material, technique, sight reading, and performance. Daily practice required. Practice pianos available on campus.

*Prerequisite: Music 164A with a minimum grade of C.*

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**C 16929**      **7:00p-7:50p**      **W**      **Lee S**      **SAC N-106**      **Full Semester**  
**8:00p-8:50p**      **W**      **Lee S**      **SAC N-106**

Free loaner keyboards are available. Please contact the instructor.

**H 16923**      **1:15p-2:05p**      **Th**      **Jin J**      **SAC HYBRID**      **Full Semester**  
**Jin J**      **SAC N-106**

On-Campus Hybrid Instruction. A combination of on-campus Lab meetings during the days and times indicated and online instruction. Students log in to Canvas [canvas.sac.edu](https://canvas.sac.edu) Free loaner keyboards are available. Please contact the instructor.

**MUS 168, STYLISTIC INTERPRETATION OF PIANO REPERTOIRE** **1.0 UNIT**

Style characteristics of Baroque, Classical, Romantic and 20th/21st century music studied through representative piano compositions. Students learn to play expressively within currently accepted performance practices for each period. Not for beginners.

*Prerequisite: Music 163 with a minimum grade of C.*

**C 28579**      **7:00p-7:50p**      **W**      **Lee S**      **SAC N-106**      **Full Semester**  
**8:00p-8:50p**      **W**      **Lee S**      **SAC N-106**

**H 28578**      **1:15p-2:05p**      **Th**      **Jin J**      **SAC HYBRID**      **Full Semester**  
**Jin J**      **SAC N-106**

**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.

**C 16977**      **6:35p-9:55p**      **Tu**      **Gerling A**      **SAC N-114**      **08/29-12/05**

**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.

**C 16979**      **6:35p-9:45p**      **M**      **Hizon V**      **SAC N-114**      **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.

**C 16980**      **6:35p-9:45p**      **M**      **Hizon V**      **SAC N-114**      **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.

**C 28580**      **7:00p-10:10p**      **M**      **Garibay O**      **SAC N-117**      **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.

**C 16982**      **6:00p-6:50p**      **W**      **Kaye J**      **SAC N-114**      **Full Semester**  
**7:00p-7:50p**      **W**      **Kaye J**      **SAC 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.*

**C 16983**      **6:00p-6:50p**      **W**      **Kaye J**      **SAC N-114**      **Full Semester**  
**7:00p-7:50p**      **W**      **Kaye J**      **SAC 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.*

**C 28026**      **6:00p-6:50p**      **W**      **Kaye J**      **SAC N-114**      **Full Semester**  
**7:00p-7:50p**      **W**      **Kaye J**      **SAC N-114**

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

<b>MUS 181, CHAMBER ORCHESTRA</b>					<b>1.0 UNIT</b>
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.					
<b>C 16981</b>	<b>6:00p-9:10p</b>	<b>W</b>	<b>Kaye J</b>	<b>SAC N-114</b>	<b>Full Semester</b>
<b>MUS 185, BEGINNING CLASSICAL GUITAR</b>					<b>1.0 UNIT</b>
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.					
<b>C 16986</b>	<b>6:10p-7:00p</b>	<b>M</b>	<b>Adele D</b>	<b>SAC N-117</b>	<b>Full Semester</b>
	<b>7:10p-8:00p</b>	<b>M</b>	<b>Adele D</b>	<b>SAC N-117</b>	
<b>MUS 186, INTERMEDIATE CLASSICAL GUITAR</b>					<b>1.0 UNIT</b>
Instruction at the intermediate level in solo, duo, and trio repertoire. Emphasizes technique studies and performance styles of 18th-21st century music. Student must provide nylon string guitar.					
<i>Prerequisite: Music 185 with a minimum grade of C.</i>					
<b>C 16987</b>	<b>7:10p-8:00p</b>	<b>M</b>	<b>Adele D</b>	<b>SAC N-117</b>	<b>Full Semester</b>
	<b>8:10p-9:00p</b>	<b>M</b>	<b>Adele D</b>	<b>SAC N-117</b>	
<b>MUS 187, ADVANCED CLASSICAL GUITAR</b>					<b>1.0 UNIT</b>
Instruction at the advanced level in solo, duo, and trio repertoire. Emphasizes advanced technical studies and etudes and performance styles of 16th-21st century music. Student must provide nylon string guitar.					
<i>MUS 186: Music 186 with a minimum grade of C.</i>					
<b>C 16988</b>	<b>7:10p-8:00p</b>	<b>M</b>	<b>Adele D</b>	<b>SAC N-117</b>	<b>Full Semester</b>
	<b>8:10p-9:00p</b>	<b>M</b>	<b>Adele D</b>	<b>SAC N-117</b>	
<b>MUS 188, ADVANCED CLASSICAL GUITAR TECHNIQUE AND REPERTOIRE</b>					<b>1.0 UNIT</b>
Music 188-Study of advanced guitar technique, solo literature, and performance practices of 16th-21st Century music. Student must provide nylon string guitar.					
<i>Prerequisite: Music 187 with a minimum grade of C.</i>					
<b>C 16989</b>	<b>7:10p-8:00p</b>	<b>M</b>	<b>Adele D</b>	<b>SAC N-117</b>	<b>Full Semester</b>
	<b>8:10p-9:00p</b>	<b>M</b>	<b>Adele D</b>	<b>SAC N-117</b>	
<b>MUS 189, GUITAR ENSEMBLE</b>					<b>1.0 UNIT</b>
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.					
<b>C 16990</b>	<b>10:00a-1:10p</b>	<b>Sa</b>	<b>Adele D</b>	<b>SAC N-114</b>	<b>Full Semester</b>
<b>MUS 213, MUSIC THEORY III</b>					<b>3.0 UNITS</b>
Continuation of diatonic harmony from Music 112. Chromatic harmony introduced. Includes non-dominant seventh chords, secondary dominants, modulation, and altered chords. Keyboard harmony. Concurrent enrollment in Music 114A recommended. Required for music majors; open to non-majors.					
<i>Prerequisite: Music 112 with a minimum grade of C.</i>					
<b>C 28029</b>	<b>7:00p-10:10p</b>	<b>Th</b>	<b>Kehlenbach E</b>	<b>SAC N-117</b>	<b>Full Semester</b>
<b>MUS 215A, APPLIED MUSIC (ADVANCED PRIVATE INSTRUCTION)</b>					<b>1.5 UNITS</b>
Advanced lessons in classical music in voice, piano, band/orchestral instrument, or guitar. Weekly requirements include five hours on-campus practice per week, weekly lessons, and weekly recital attendance.					
<i>Prerequisite: Music 115D with a minimum grade of C and audition and concurrent enrollment in a music ensemble or music theory course.</i>					
<b>C 16994</b>	<b>TBA</b>		<b>Gerling A</b>	<b>SAC C-104</b>	<b>Full Semester</b>
New students interested in Applied Music instruction should attend the orientation meeting Tuesday, August 22, 5:00p-6:00p, SAC C-104. Auditions and other program requirements will be discussed. 6 hours arranged per week					
<b>MUS 241, CHAMBER MUSIC ENSEMBLE</b>					<b>1.0 UNIT</b>
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.					
<b>C 16991</b>	<b>10:00a-1:10p</b>	<b>Sa</b>	<b>Adele D</b>	<b>SAC N-114</b>	<b>Full Semester</b>
<b>C 16784</b>	<b>1:15p-2:40p</b>	<b>M W</b>	<b>Jones E</b>	<b>SAC N-117</b>	<b>Full Semester</b>
<b>C 16984</b>	<b>6:00p-9:10p</b>	<b>W</b>	<b>Kaye J</b>	<b>SAC N-114</b>	<b>Full Semester</b>
<b>C 30529</b>	<b>6:35p-9:55p</b>	<b>Tu</b>	<b>Gerling A</b>	<b>SAC N-114</b>	<b>08/29-12/05</b>
<b>C 16787</b>	<b>7:00p-10:10p</b>	<b>M</b>	<b>Garibay O</b>	<b>SAC N-117</b>	<b>Full Semester</b>

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Low Cost or  
Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**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.*

<b>C</b>	<b>16996</b>	<b>7:00p-7:50p</b>	<b>W</b>	<b>Lee S</b>	<b>SAC N-106</b>	<b>Full Semester</b>
		<b>8:00p-8:50p</b>	<b>W</b>	<b>Lee S</b>	<b>SAC N-106</b>	

Free loaner keyboards are available. Please contact the instructor.

<b>H</b>	<b>16995</b>			<b>Jin J</b>	<b>SAC HYBRID</b>	<b>Full Semester</b>
		<b>1:15p-2:05p</b>	<b>Th</b>	<b>Jin J</b>	<b>SAC N-106</b>	

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**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.

<b>C</b>	<b>16978</b>	<b>6:35p-9:55p</b>	<b>Tu</b>	<b>Gerling A</b>	<b>SAC N-114</b>	<b>08/29-12/05</b>
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**NURSING-REGISTERED (NRN)**

**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 171, and NRN 171L.

Open Entry / Open Exit

<b>C</b>	<b>27984</b>	<b>TBA</b>		<b>Mixer D</b>	<b>SAC R-203</b>	<b>Full Semester</b>
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27 hours to be arranged.

<b>C</b>	<b>27985</b>	<b>TBA</b>		<b>Davia M</b>	<b>SAC SJH</b>	<b>Full Semester</b>
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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 172, and NRN 172L.

Open Entry / Open Exit

<b>C</b>	<b>27986</b>	<b>TBA</b>		<b>Mixer D</b>	<b>SAC R-203</b>	<b>Full Semester</b>
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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 171, NRN 171L, NRN 172, NRN 172L, EMT 104 or EMT 105.

Open Entry / Open Exit

<b>C</b>	<b>27987</b>	<b>TBA</b>		<b>Mixer D</b>	<b>SAC R-203</b>	<b>Full Semester</b>
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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.*

<b>C</b>	<b>27955</b>	<b>9:00a-11:20a</b>	<b>W</b>	<b>Cleary Martin T</b>	<b>SAC R-114</b>	<b>Full Semester</b>
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Requires Lippincott's e-textbook platform. Directions for purchasing the platform will be given during orientation and in class. Must be in SAC Nursing Program or have a letter from the Nursing Director to register.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **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.*

**C 27956 12:30p-2:35p W Th Papa E SAC R-307 Full Semester**

Requires Lippincott’s E-Textbook platform. Directions for purchasing the platform will be given during orientation. Testing fees are required. Directions for paying the fees will be emailed. Only students enrolled in the Extended Campus Program are allowed to register for section 27957.

**C 27957 5:00p-7:20p W Th Papa E SAC SJH Full Semester**

Requires Lippincott’s E-Textbook platform. Directions for purchasing the platform will be given during orientation. Testing fees are required. Directions for paying the fees will be emailed. Only students enrolled in the Extended Campus Program are allowed to register for section 27957.

**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.*

**C 27958 8:00a-4:00p M Tu Cleary Martin T SAC R-307 Full Semester**  
**8:00a-4:00p M Tu Cleary Martin T SAC OCG**

Only students enrolled in the Extended Campus Program are allowed to register for sections 27964 and 27965. Orientation for all NRN-171L sections is on Monday 8/21/23 in R-307 of Russell Hall from 8:00AM-4:00PM. 243 hours to be arranged on Mondays and some Tuesdays in R-307, OC Global and other locations.

**C 27961 8:00a-4:00p M Tu Papa E SAC R-307 Full Semester**

Only students enrolled in the Extended Campus Program are allowed to register for sections 27964 and 27965. Orientation for all NRN-171L sections is on Monday 8/21/23 in R-307 of Russell Hall from 8:00AM-4:00PM. 243 hours to be arranged on Mondays and some Tuesdays in R-307, OC Memorial and other locations.

**C 27962 8:00a-4:00p M Tu Uffelman T SAC R-307 Full Semester**

Only students enrolled in the Extended Campus Program are allowed to register for sections 27964 and 27965. Orientation for all NRN-171L sections is on Monday 8/21/23 in R-307 of Russell Hall from 8:00AM-4:00PM. 243 hours to be arranged on Mondays and some Tuesdays in R-307, SC Global and other locations.

**C 27963 8:00a-4:00p M Tu Pham B SAC R-307 Full Semester**

Only students enrolled in the Extended Campus Program are allowed to register for sections 27964 and 27965. Orientation for all NRN-171L sections is on Monday 8/21/23 in R-307 of Russell Hall from 8:00AM-4:00PM. 243 hours to be arranged on Mondays and some Tuesdays in R-307, Fountain Valley and other locations.

**C 27964 8:00a-4:00p Sa Cleary Martin T SAC R-307 Full Semester**

Only students enrolled in the Extended Campus Program are allowed to register for sections 27964 and 27965. Orientation for all NRN-171L sections is on Monday 8/21/23 in R-307 of Russell Hall from 8:00AM-4:00PM. 243 hours to be arranged on Saturdays in R-307, SC Global and other locations.

**C 27965 8:00a-4:00p Sa Klein M SAC R-307 Full Semester**

Only students enrolled in the Extended Campus Program are allowed to register for sections 27964 and 27965. Orientation for all NRN-171L sections is on Monday 8/21/23 in R-307 of Russell Hall from 8:00AM-4:00PM. 243 hours to be arranged on Saturdays in R-307, ST. Joseph’s Hospital and other locations.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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, Nursing-Registered 171, and Nursing-Registered 171L with a minimum grade of P.*

**C 27966 3:00p-5:05p W Th Vasquez M SAC R-307 Full Semester**

Requires Lippincott's E-Textbook platform. Directions for purchasing the platform will be given during orientation. Testing fees are required. 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 and Nursing-Registered 171L with a minimum grade of P.*

**C 27967 TBA M Mayer Q SAC SJH Full Semester**

Orientation for all NRN-172L sections is on Monday 08/21/23 from 8:00AM - 6:00PM. Location TBD. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged.

**C 27968 TBA Vasquez M SAC OCG Full Semester**

Orientation for all NRN-172L sections is on Monday 08/21/23 from 8:00AM - 6:00PM. Location TBD. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged.

**C 27969 TBA Staff SAC FV Full Semester**

Orientation for all NRN-172L sections is on Monday 08/21/23 from 8:00AM - 6:00PM. Location TBD. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged.

**C 27970 TBA Bass S SAC SJH Full Semester**

Orientation for all NRN-172L sections is on Monday 08/21/23 from 8:00AM - 6:00PM. Location TBD. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged.

**NRN 200, ROLE TRANSITION**

**2.0 UNITS**

Bridge course for LVN or transfer students with an emphasis on RN role development and application of the nursing process within the Santa Ana College Nursing Conceptual Framework. Review of test-taking strategies, medication calculations, communication techniques, concept mapping, outcomes assessment, fluid balance, and skills testing. Open to all nursing students; required of advanced placement/LVN students entering into the nursing program in any semester other than first semester.

**C 27983 5:20p-7:25p W Mayer Q SAC I-202 Full Semester**

**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 271, and NRN 271L.

Open Entry / Open Exit

**C 27988 TBA Mixer D SAC R-203 Full Semester**

27 hours to be arranged.

**C 27989 TBA Davia M SAC SJH Full Semester**

27 hours to be arranged.

**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 272, and NRN 272L.

Open Entry / Open Exit

**C 27990 TBA Mixer D SAC R-203 Full Semester**

27 hours to be arranged.

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**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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 271, NRN 271L, NRN 272, and NRN 272L; EMT 104, or EMT 105.

Open Entry / Open Exit

**C 27991 TBA Mixer D SAC R-203 Full Semester**  
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.*

**C 28736 9:00a-11:20a W Th Valtairo R SAC R-307 Full Semester**  
Requires Lippincott's E-Textbook platform. Directions for purchasing the platform will be given during orientation. There are testing fees. Directions for paying fees will be emailed. Only students enrolled in the Extended Campus Program are allowed to register for section 28738.

**C 28738 5:00p-7:05p W Th Valtairo R SAC SJH Full Semester**  
Requires Lippincott's E-Textbook platform. Directions for purchasing the platform will be given during orientation. There are testing fees. Directions for paying fees will be emailed. Only students enrolled in the Extended Campus Program are allowed to register for section 28738.

**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.*

**C 27973 TBA Rivera M SAC COL Full Semester**  
Orientation for all NRN-271L sections will be on 08/21/23. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged. Only students enrolled in the Extended Campus Program are allowed to register for sections 27976 and 27977.

**C 27974 TBA Delaby M SAC SJH Full Semester**  
Orientation for all NRN-271L sections will be on 8/21/23. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged. Only students enrolled in the Extended Campus Program are allowed to register for sections 27976 and 27977.

**C 27975 TBA Tu Valtairo R SAC COL Full Semester**  
Orientation for all NRN-271L sections will be on 8/21/23. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged. Only students enrolled in the Extended Campus Program are allowed to register for sections 27976 and 27977.

**C 27976 TBA Stucken R SAC COL Full Semester**  
Orientation for all NRN-271L sections will be on 8/21/23. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged. Only students enrolled in the Extended Campus Program are allowed to register for sections 27976 and 27977.

**C 27977 TBA Spady S SAC SJH Full Semester**  
Orientation for all NRN-271L sections will be on 8/21/23. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged. Only students enrolled in the Extended Campus Program are allowed to register for sections 27976 and 27977.

**C 27995 TBA Valtairo R SAC UCI Full Semester**  
Orientation for all NRN-271L sections will be on 8/21/23. Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged. Only students enrolled in the Extended Campus Program are allowed to register for sections 27976 and 27977.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**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.*

**C 27978 1:15p-3:45p M Jones L SAC R-114 08/21-11/11**  
**1:15p-3:45p Th Carriger L SAC R-126**

Requires Lippincott's E-Textbook platform. Directions for purchasing the platform will be given during orientation. There are testing fees. Directions for paying fees will be emailed.

**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. 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.*

**C 27979 TBA Carriger L SAC OCG Full Semester**

Orientation for all NRN 272L will be held on Tuesday 8/22/23 from 7:00AM - 7:00PM in R-126.

Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged.

**C 27980 TBA Jones L SAC SJH Full Semester**

Orientation for all NRN 272L will be held on Tuesday 8/23/23 from 7:00AM - 7:00PM in R-126.

Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged.

**C 27981 TBA Fletcher C SAC MH Full Semester**

Orientation for all NRN 272L will be held on Tuesday 8/22/23 from 7:00AM - 7:00PM in R-126.

Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged.

**C 27982 TBA Naraghi A SAC UCI Full Semester**

Orientation for all NRN 272L will be held on Tuesday 8/22/23 from 7:00AM - 7:00PM in R-126.

Scheduling information is available from the Health Sciences/Nursing office. 243 hours to be arranged.

**NUTRITION AND FOOD (NUTR)**

**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.

**O 25921 Heremans T SAC ONLINE 08/21-10/15**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**VH 32920 Mathot S SAC ONLINE**

**OER 8:30a-9:55a M W Staff SAC ZOOM**

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

**C 25939 10:00a-1:10p Tu Mathot S SAC R-114 Full Semester**

**OER** 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.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

 **25934** **Mathot S SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **25935** **Mathot S SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **25936** **Rickrode T SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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. Registration is open for all students.

 **25937** **Rickrode T SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **25938** **Mathot S SAC ONLINE 08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**NUTR 116, PRINCIPLES OF FOOD PREPARATION 3.0 UNITS**

Application of scientific principles in the preparation of selected food products with emphasis on physical and chemical properties of food; methods and techniques of food preparation; factors that contribute to quality of prepared foods. Same as CULN 116.

 **32917** **8:30a-10:35a F Staff SAC T-212 Full Semester**  
**10:45a-1:55p F Staff SAC T-212**

This class meets on-campus.

**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.

 **25940** **Mathot S SAC ONLINE Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **32387** **Mathot S SAC ONLINE 10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

 **25840** **Wang W SAC HYBRID 08/21-10/15**  
**1:00p-4:00p Sa Staff SAC T-210**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

**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.

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 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**H 25841** **Wang W** **SAC HYBRID** **10/16-12/10**  
**1:00p-4:00p Sa Wang W SAC T-210**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

**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.

**O 25843** **McKenna-Sallade D** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**H 25844** **Wang W** **SAC HYBRID** **08/21-10/15**  
**9:00a-12:00p Sa Staff SAC T-210**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

**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.

**H 25845** **Wang W** **SAC HYBRID** **Full Semester**  
**9:00a-12:00p Sa Staff SAC T-210**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu).

## OCCUPATIONAL THERAPY ASSISTANT (OTA)

**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.*

**O 25846** **Reeder S** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

**O 25847** **Reeder S** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

**C 25848** **8:30a-11:40a M W** **Harris Y** **SAC T-210** **Full Semester**  
 This class meets on-campus.

**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.*

**C 25849** **2:30p-4:35p M W** **Hallway M** **SAC T-210** **Full Semester**  
 This class meets on-campus.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**OTA 102L, PSYCHOSOCIAL COMPONENTS OF OCCUPATION 2.0 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.

*OTA 100, 101, 101L, and 110: Occupational Therapy Assistant 100, Occupational Therapy Assistant 101, Occupational Therapy Assistant 101L and Occupational Therapy 110 with a minimum grade of C.*

**C 25850 5:15p-8:25p M W Colburn E SAC T-210 Full Semester**  
This class meets on-campus.

**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.*

**C 25851 12:30p-2:35p Tu Th Wang W SAC T-210 Full Semester**  
This class meets on-campus.

**OTA 103L, PHYSICAL COMPONENTS OF OCCUPATION 2.0 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.

*OTA 102, 102L, 111, and 115: Occupational Therapy Assistant 102, Occupational Therapy Assistant 102L, Occupational Therapy Assistant 111 and Occupational Therapy Assistant 115 with a minimum grade of C.*

**C 25852 4:00p-7:10p Tu Th Vanover G SAC T-210 Full Semester**  
This class meets on-campus.

**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.

**C 25853 12:15p-1:40p M W Staff SAC T-210 Full Semester**  
This class meets on-campus.

**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.*

**O 25854 Reeder S SAC ONLINE Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

**O 25855 Reeder S SAC ONLINE Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**OTA 120, LEVEL I FIELDWORK PART A 1.0 UNIT**

The purpose of level I fieldwork is for the student to apply academic knowledge to OT practice. The student will develop their skills through directed observation and participation in a psychosocial setting or virtual standardized patient care.

*OTA 100, 101, 101L, and 110: Occupational Therapy Assistant 100, 101, 101L, and 110 with a minimum grade of C.*

**C 25856 11:00a-2:00p M Padilla J SAC H-205 Full Semester**  
Section 25856 has 32 hours arranged per semester.

**OTA 130, LEVEL I FIELDWORK PART B 1.0 UNIT**

The purpose of level I fieldwork is for the student to apply academic knowledge to OT practice. The student will develop their skills through directed observation and participation in a physical dysfunction setting or virtual standardized patient care.

*OTA 102, 102L, 111, and 115: Occupational Therapy Assistant 102, 102L, 111, and 115 with a minimum grade of C.*

**C 25857 10:00a-1:00p F Padilla J SAC T-210 Full Semester**  
Section 25857 has 32 hours arranged per semester.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks  
 OER  
 ZTC  
**Honors Courses:**  
 HONORS

**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.*

**C 25858 9:00a-10:25a Tu Th McKenna-Sallade D SAC T-210 Full Semester**  
**10:35a-12:00p Tu Th McKenna-Sallade D SAC T-210**

This class meets on-campus.

**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.*

**C 25859 Padilla J SAC T-210 08/21-10/15**

Section 25859 has 40 hours arranged per semester.

**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.*

**C 25860 Padilla J SAC T-210 10/16-12/10**

Section 25860 has 40 hours arranged per semester.

**PARALEGAL (PARA)**

**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.

**C 30443 11:40a-1:05p M W Staff SAC A-130 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.

**O 29700 Robinson K SAC ONLINE Full Semester**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 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.

**VH 29704 Smith K SAC ONLINE Full Semester**

 **7:00p-8:00p M Staff SAC ZOOM**

 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

**VH 29707 Williamson K SAC ONLINE 10/16-12/10**

 **9:00a-1:05p Sa Staff SAC ZOOM**

 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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 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.

**O 29714 Williamson K SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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.

 **29715** **Smith K** **SAC 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.

 **29716** **Smith K** **SAC ONLINE** **09/18-12/10**  
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

 **29717** **Smith K** **SAC ONLINE** **10/16-12/10**  
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.

 **29719** **11:55a-1:20p** **Tu Th** **Robinson K** **SAC ZOOM** **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.

 **29722** **Smith K** **SAC ONLINE** **Full Semester**  
 **6:00p-9:00p** **Th** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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 Zero Textbook Cost (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.

 **29711** **Sauber D** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**PARA 133, WORKERS COMPENSATION LAW AND PROCEDURE 2.0 UNITS**

Study of the laws and procedures related to worker's compensation. Covers medical-legal problems attendant to on-the-job injuries, disabilities and benefits due employees, court litigation, administrative hearings, and out-of-court processes. May require field trips.

 **30530** **6:00p-10:15p** **W** **Marino J** **SAC A-226** **08/21-10/15**

**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.

 **29725** **9:00a-1:15p** **Sa** **Abdul-Fields A** **SAC ZOOM** **08/21-10/15**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**PARA 145, CIVIL LITIGATION OVERVIEW 4.0 UNITS**

Overview of California procedures from acceptance of a case through trial. Planning litigation, motions, discovery, and trial preparation. Preparation of pleadings. Overview of California discovery rules, preparation of discovery documents, and responses.

 **29727** **Robinson K** **SAC ONLINE** **Full Semester**  
**7:00p-9:00p** **M** **Staff** **SAC ZOOM**  
Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

 **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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.

**VH 29728** **Sauber D** **SAC ONLINE** **Full Semester**  
**6:00p-8:00p** **Th** **Staff** **SAC ZOOM**

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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.

**VH 29729** **Smith K** **SAC ONLINE** **Full Semester**  
**6:00p-9:00p** **W** **Staff** **SAC ZOOM**

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.*

**VH 29730** **Robinson K** **SAC ONLINE** **Full Semester**  
**6:00p-8:00p** **Tu** **Staff** **SAC ZOOM**

Virtual Hybrid Instruction. A combination of some live streaming instruction via Zoom during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). 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 Zero Textbook Cost (ZTC) class.

**PARA 248, ADVANCED RESEARCH AND WRITING**

**3.0 UNITS**

Advanced projects in legal research and writing emphasis on legal form and style.

*Prerequisite: Paralegal 246 with a minimum grade of C.*

**OL 29731** **Harman J** **SAC ZOOM** **Full Semester**  
**6:00p-9:10p** **Tu**

Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated.

Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.

**O 29732** **Smith K** **SAC ONLINE** **Full Semester**  
**6:00p-9:10p**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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.

**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.

**O 29733** **Smith K** **SAC 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.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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Low Cost or Free Textbooks

**OER**

**ZTC**

Honors Courses:

**HONORS**

**PHARMACY TECHNOLOGY (PHAR)****PHAR 048, INTRODUCTION TO PHARMACY TECHNOLOGY****2.0 UNITS**

Overview of the SAC Pharmacy Technician training program. Definition of the roles and preview of the opportunities open to pharmacy technicians in various practice settings. Presentation of pharmaceutical dosage forms, the drug development process, and drug classification systems. Introduction to prescription labeling and to the law and ethics of pharmacy practice.

<b>C</b>	<b>25887</b>	<b>8:00a-10:05a</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC H-201</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>25886</b>	<b>9:00a-11:05a</b>	<b>Tu</b>	<b>Latthitham A</b>	<b>SAC H-201</b>	<b>Full Semester</b>
				This class meets 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.

<b>C</b>	<b>25888</b>	<b>9:00a-12:50p</b>	<b>Th</b>	<b>Nguyen H</b>	<b>SAC H-210</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>25889</b>	<b>6:00p-9:50p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
				This class meets on-campus.		

**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.

<b>C</b>	<b>25917</b>	<b>8:00a-10:05a</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>25890</b>	<b>11:15a-1:20p</b>	<b>Tu</b>	<b>Latthitham A</b>	<b>SAC H-201</b>	<b>Full Semester</b>
				This class meets on-campus.		

**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 and 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.*

<b>C</b>	<b>25891</b>	<b>6:00p-7:25p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
		<b>7:35p-10:10p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-210</b>	
				This class meets on-campus.		

**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.

*PHAR 056: Concurrent enrollment Pharmacy Technology 056.*

Open Entry / Open Exit

<b>C</b>	<b>25895</b>	<b>9:00a-12:00p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>25892</b>	<b>1:30p-4:30p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
		<b>9:00a-12:00p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC H-210</b>	
				This class meets on-campus.		
<b>C</b>	<b>25893</b>	<b>1:30p-4:30p</b>	<b>M</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>25894</b>	<b>1:30p-4:30p</b>	<b>W</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
				This class meets on-campus.		

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or  
Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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.*

<b>C</b>	<b>25896</b>	<b>6:00p-7:05p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
		<b>7:15p-10:25p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC H-210</b>	

This class meets on-campus.

**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 are verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.

*PHAR 057: Concurrent enrollment Pharmacy Technology 057.*

Open Entry / Open Exit

<b>C</b>	<b>25900</b>	<b>9:00a-12:00p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
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This class meets on-campus.

<b>C</b>	<b>25897</b>	<b>1:30p-4:30p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
		<b>9:00a-12:00p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC H-210</b>	

This class meets on-campus.

<b>C</b>	<b>25898</b>	<b>1:30p-4:30p</b>	<b>M</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
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This class meets on-campus.

<b>C</b>	<b>25899</b>	<b>1:30p-4:30p</b>	<b>W</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
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This class meets on-campus.

**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 and Pharmacy Technology 051 or 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.*

<b>C</b>	<b>25901</b>	<b>9:00a-10:25a</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
		<b>10:35a-1:05p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-210</b>	

This class meets on-campus.

**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.

*PHAR 060: Concurrent enrollment Pharmacy Technology 060.*

Open Entry / Open Exit

<b>C</b>	<b>25905</b>	<b>9:00a-12:00p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
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This class meets on-campus.

<b>C</b>	<b>25902</b>	<b>1:30p-4:30p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
		<b>9:00a-12:00p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC H-210</b>	

This class meets on-campus.

<b>C</b>	<b>25903</b>	<b>1:30p-4:30p</b>	<b>M</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
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This class meets on-campus.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**C 25904 1:30p-4:30p W Staff SAC H-210 Full Semester**  
 This class meets on-campus.

**PHAR 072L1, PHARMACY TECHNOLOGY SKILLS LAB**

**0.5 - 1.0 UNITS**

Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the Outpatient Pharmacy Technology Externship rotation (PHAR 072). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.

*PHAR 056: Concurrent enrollment in Pharmacy Technology 056. Returning students who took Pharmacy Technology 056 can take Pharmacy Technology 072L-1 alone.*

Open Entry / Open Exit

**C 25909 9:00a-12:00p Sa Staff SAC H-210 Full Semester**  
 This class meets on-campus.

**C 25906 1:30p-4:30p M W Staff SAC H-210 Full Semester**  
**9:00a-12:00p Sa Staff SAC H-210**  
 This class meets on-campus.

**C 25907 1:30p-4:30p M Staff SAC H-210 Full Semester**  
 This class meets on-campus.

**C 25908 1:30p-4:30p W Staff SAC H-210 Full Semester**  
 This class meets on-campus.

**PHAR 072L2, 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 Technology Externship rotation (PHAR 072). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills Lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.

*PHAR 057: Concurrent enrollment Pharmacy Technology 057. Returning students who took Pharmacy Technology 057 can take Pharmacy Technology 072L-2 alone.*

Open Entry / Open Exit

**C 25913 9:00a-12:00p Sa Staff SAC H-210 Full Semester**  
 This class meets on-campus.

**C 25910 1:30p-4:30p M W Staff SAC H-210 Full Semester**  
**9:00a-12:00p Sa Staff SAC H-210**  
 This class meets on-campus.

**C 25911 1:30p-4:30p M Staff SAC H-210 Full Semester**  
 This class meets on-campus.

**C 25912 1:30p-4:30p W Staff SAC H-210 Full Semester**  
 This class meets on-campus.

**PHAR 072L3, 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 Externship Sterile Products rotation (PHAR 072). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.

*PHAR 060: Concurrent enrollment Pharmacy Technology 060. Returning students who took Pharmacy Technology 060 can take Pharmacy Technology 072L-3 alone.*

Open Entry / Open Exit

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

<b>C</b>	<b>25916</b>	<b>9:00a-12:00p</b>	<b>Sa</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>25914</b>	<b>1:30p-4:30p</b>	<b>M</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
				This class meets on-campus.		
<b>C</b>	<b>25915</b>	<b>1:30p-4:30p</b>	<b>W</b>	<b>Staff</b>	<b>SAC H-210</b>	<b>Full Semester</b>
				This class meets on-campus.		

### PHILOSOPHY (PHIL)

**PHIL 106, INTRODUCTION TO PHILOSOPHY**

**3.0 UNITS**

A survey of historical and contemporary ideas on how to live the good life.

<b>C</b>	<b>28781</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Fish Z</b>	<b>SAC D-102</b>	<b>Full Semester</b>
<b>C</b>	<b>28782</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Brocatto C</b>	<b>SAC D-102</b>	<b>Full Semester</b>
<b>C</b>	<b>28783</b>	<b>6:00p-9:10p</b>	<b>M</b>	<b>Redoutey M</b>	<b>SAC D-103</b>	<b>Full Semester</b>
<b>O</b>	<b>28784</b>			<b>Brocatto C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28785</b>			<b>Brocatto C</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28786</b>			<b>Staff</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

<b>C</b>	<b>28787</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Brocatto C</b>	<b>SAC D-102</b>	<b>Full Semester</b>
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**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.

<b>O</b>	<b>28797</b>			<b>Fish Z</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28798</b>			<b>Fish Z</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

<b>C</b>	<b>28799</b>	<b>10:05a-12:10p</b>	<b>M W</b>	<b>Fish Z</b>	<b>SAC D-102</b>	<b>Full Semester</b>
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<b>C</b>	<b>28801</b>	<b>10:05a-12:10p</b>	<b>Tu Th</b>	<b>Brocatto C</b>	<b>SAC D-102</b>	<b>Full Semester</b>
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<b>O</b>	<b>28805</b>			<b>Fish Z</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28806</b>			<b>Brocatto C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28809</b>			<b>Brocatto C</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28810</b>			<b>Page J</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**PHIL 111, INTRODUCTORY LOGIC**

**4.0 UNITS**

Beginning course in formal and applied logic. Covers cognitive language, formal argument, proof, basic propositional and predicate logic, and philosophy of logic. Emphasizes active student involvement and practical application to college life.

**28812** **Fish Z** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**PHIL 112, WORLD RELIGIONS**

**3.0 UNITS**

A philosophical overview of the world’s great religions. Includes historical origin and growth of each religion, major doctrines, and influence. Religions dealt with include Primitive, Hinduism, Jainism, Buddhism, Taoism, Confucianism, Judaism, Christianity and Islam.

**28814** **Brocatto C** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**PHOTOGRAPHY (PHOT)**

**PHOT 009, PHOTOGRAPHY LAB**

**0.5 UNIT**

Sign-in/out supervised laboratory. Work on assignments from other photography courses or on independent projects. Completion of new and more advanced assignments each semester. Accumulation of 24 hours earns 0.5 unit. Requires concurrent enrollment in a photography course.

Open Entry / Open Exit

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

**26934** **11:40a-1:05p** **Tu** **Schlossman J** **SAC A-217** **Full Semester**  
**26935** **11:40a-1:05p** **Th** **Schlossman J** **SAC A-217** **Full Semester**

**PHOT 150, HISTORY OF PHOTOGRAPHY**

**3.0 UNITS**

A survey of the history, aesthetics, and technical evolution of photography including an in-depth view of artistic styles and individual photographers’ contributions from the 19th century to the present.

**28488** **Marquez P** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**28492** **Marquez P** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**PHOT 160, INTRODUCTION TO PHOTOJOURNALISM**

**3.0 UNITS**

Explores the photographer as a journalist, focusing on theory and practice in press and publications photography, with emphasis on using the camera as a reporting and communications tool. Stresses news, feature photography, and photographic essays, including composition, impact, and creativity, for newspapers, magazines, internet, and other mass communications media. (Same as JAMS 160).

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

**28495** **6:00p-9:10p** **M** **Rodriguez J** **SAC A-219** **Full Semester**

**PHOT 180, BEGINNING PHOTOGRAPHY**

**3.0 UNITS**

This course provides a firm foundation in digital photography using manual exposure functions on digital single lens reflex and mirrorless cameras. Professional editing techniques and inkjet printing will be taught according to industry standards.

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

**28498** **1:15p-2:05p** **Tu Th** **Schlossman J** **SAC A-219** **Full Semester**  
**2:15p-3:40p** **Tu Th** **Schlossman J** **SAC A-219**

**28499** **Schlossman J** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**28500** **Pulido E** **SAC ONLINE** **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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.

*PHOT 180: Photography 180 with a minimum grade of C.*

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

**H 26938**

**Schlossman J SAC HYBRID**

**Full Semester**

**6:00p-9:00p Th**

**Schlossman J SAC A-219**

On-Campus Hybrid Instruction. A combination of on-campus Lab meetings during the days and times indicated and online instruction. Students log in to Canvas [canvas.sac.edu](https://canvas.sac.edu)

**PHOT 196, COMMERCIAL PHOTOGRAPHY**

**3.0 UNITS**

This course instructs the student with lighting and studio techniques as commonly used in professional photographic applications. The emphasis will be on light and the use of lighting equipment in both studio and location situations.

*Prerequisite: Photography 180 with a minimum grade of C.*

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

**C 26936**

**5:00p-7:05p**

**Tu**

**Staff**

**SAC A-219**

**Full Semester**

**7:15p-10:25p**

**Tu**

**Staff**

**SAC A-219**

**PHOT 197, INTERMEDIATE COMMERCIAL PHOTOGRAPHY**

**3.0 UNITS**

Intermediate techniques in commercial photography using available and studio lighting. Further studies in the commercial subject areas of portrait/wedding, architecture, table top/product illustration, stock photography and photojournalism.

*Prerequisite: Photography 196 with a minimum grade of C.*

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

**C 26937**

**5:00p-7:05p**

**Tu**

**Staff**

**SAC A-219**

**Full Semester**

**7:15p-10:25p**

**Tu**

**Staff**

**SAC A-219**

**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.

**C 29842**

**11:40a-1:05p**

**Tu Th**

**Staff**

**SAC SC-208**

**Full Semester**

**1:15p-4:15p**

**Tu**

**Staff**

**SAC SC-312**

**C 29843**

**6:00p-9:00p**

**W**

**Natale A**

**SAC SC-312**

**Full Semester**

**8:30a-11:30a**

**Sa**

**Staff**

**SAC SC-312**

**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.*

**C 29844**

**4:25p-5:50p**

**M W**

**Natale A**

**SAC SC-208**

**Full Semester**

**6:00p-9:00p**

**M**

**Natale A**

**SAC SC-312**

**PHYS 211, PRINCIPLES OF PHYSICS II**

**4.0 UNITS**

A calculus-based physics course designed for students majoring in the life sciences, pre-medicine, and related disciplines. Topics include: electricity and magnetism, light, optics, and modern physics.

*Prerequisite: Physics 210 and Mathematics 180/180H with a minimum grade of C.*

**C 29845**

**4:25p-5:50p**

**Tu Th**

**Natale A**

**SAC SC-208**

**Full Semester**

**6:00p-9:00p**

**Tu**

**Natale A**

**SAC SC-312**

**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.*

**C 29846**

**8:30a-9:55a**

**M W**

**Chakhad M**

**SAC SC-113-1**

**Full Semester**

**10:05a-1:05p**

**M**

**Chakhad M**

**SAC SC-312**

**C 29847**

**8:30a-9:55a**

**M W**

**Chakhad M**

**SAC SC-113-2**

**Full Semester**

**10:05a-1:05p**

**W**

**Chakhad M**

**SAC SC-312**

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

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**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**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.*

<b>C</b>	<b>29848</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Chakhad M</b>	<b>SAC SC-113-1</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>Tu</b>	<b>Staff</b>	<b>SAC SC-312</b>	
<b>C</b>	<b>29849</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Chakhad M</b>	<b>SAC SC-113-2</b>	<b>Full Semester</b>
		<b>10:05a-1:05p</b>	<b>Th</b>	<b>Staff</b>	<b>SAC SC-312</b>	

**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.

<b>C</b>	<b>28662</b>	<b>8:30a-9:55a</b>	<b>Tu Th</b>	<b>Andrade P</b>	<b>SAC D-101</b>	<b>Full Semester</b>
<b>C</b>	<b>28674</b>	<b>8:30a-9:55a</b>	<b>M W</b>	<b>Petri M</b>	<b>SAC D-106</b>	<b>Full Semester</b>
<b>C</b>	<b>28676</b>	<b>9:00a-12:10p</b>	<b>F</b>	<b>Petri M</b>	<b>SAC D-101</b>	<b>Full Semester</b>
<b>C</b>	<b>28672</b>	<b>11:40a-1:30p</b>	<b>M W</b>	<b>Becker C</b>	<b>SAC D-106</b>	<b>09/05-12/10</b>
<b>C</b>	<b>28665</b>	<b>2:50p-4:40p</b>	<b>M W</b>	<b>Becker C</b>	<b>SAC D-106</b>	<b>09/05-12/10</b>
<b>C</b>	<b>28664</b>	<b>5:00p-9:05p</b>	<b>M</b>	<b>Becker C</b>	<b>SAC D-106</b>	<b>09/11-12/10</b>
<b>O</b>	<b>28658</b>			<b>Murphy T</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28659</b>			<b>Andrade P</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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

<b>O</b>	<b>28660</b>			<b>Murphy T</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28661</b>			<b>Murphy T</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28675</b>			<b>Andrade P</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

<b>O</b>	<b>28677</b>			<b>Andrade P</b>	<b>SAC ONLINE</b>	<b>08/21-10/15</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

<b>O</b>	<b>28682</b>			<b>Murphy T</b>	<b>SAC ONLINE</b>	<b>10/16-12/10</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

<b>O</b>	<b>28687</b>			<b>Murphy T</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

<b>C</b>	<b>28694</b>	<b>10:05a-11:30a</b>	<b>Tu Th</b>	<b>Andrade P</b>	<b>SAC D-101</b>	<b>Full Semester</b>
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**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

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**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**POLT 201, INTRODUCTION TO COMPARATIVE POLITICS**

**3.0 UNITS**

A comparative analysis of different kinds of political systems, including their histories, political institutions, processes and policies, the environment in which they occur, and their consequences.

**28695** **Murphy T** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**PSYCHOLOGY (PSYC)**

**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.

**29415** **7:05a-8:30a** **M W** **Pedroza J** **SAC D-401** **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.

**29429** **7:05a-8:30a** **Tu Th** **Pedroza J** **SAC D-434** **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.

**29430** **9:35a-11:00a** **M W** **Ortiz R** **SAC I-208** **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.

**29431** **11:10a-12:35p** **M W** **Pedroza J** **SAC D-401** **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.

**29432** **11:10a-12:35p** **Tu Th** **Pedroza J** **SAC D-434** **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.

**29446** **5:30p-8:40p** **M W** **Staff** **SAC D-209** **10/16-12/06**

 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.

**29433** **Ortiz F** **SAC ONLINE** **08/21-10/15**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 Degree Pathway course. Available for all students

**29435** **Yimenu B** **SAC ONLINE** **10/16-12/10**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29436** **Castillo R** **SAC ONLINE** **Full Semester**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29437** **Yimenu B** **SAC ONLINE** **Full Semester**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

**29438** **Yimenu B** **SAC ONLINE** **Full Semester**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

 **29439** **Castillo R** **SAC ONLINE** **Full Semester**  
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 **29441** **Ortiz F** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **29442** **Nardi N** **SAC ONLINE** **09/05-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **29449** **Ortiz R** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 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.

 **29452** **Yimenu B** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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**  
 Examines psychological and related biological and social changes that occur in adulthood and old age and how these changes vary with ethnicity, gender and social class. Topics include longevity, health, successful aging, intimate and family relationships and mental disorders of adulthood. Designed to help students understand their own and others' aging and to familiarize them with issues in the field of gerontology.

 **29453** **Nardi N** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**PSYC 157, INTRODUCTION TO CHILD PSYCHOLOGY** **3.0 UNITS**  
 Survey of human development from conception through adolescence. Covers major theories of development (cognition, perception, language, personality, social, etc.) and their application to parenting, teaching, and other interactions with children. (No credit if student has taken Child Development 107.)

 **29557** **Ortiz F** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 160, INTRODUCTION TO LIFESPAN PSYCHOLOGY** **3.0 UNITS**  
 Introduction to human development from a psychological perspective. Explores human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, personality, and social development are examined from classical and contemporary perspectives. Attention will also be given to both normative and non-normative development.

 **29454** **Ortiz R** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

 **29455** **Ortiz R** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 Degree Pathway course. Available for all students

**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.

 **29457** **Ortiz R** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 201, INTRODUCTION TO BIOLOGICAL PSYCHOLOGY** **4.0 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.

 **29558** **Nardi N** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **29562** **Nardi N** **SAC ONLINE** **09/11-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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 210 on the Mathematics Level 3 placement Exam and a course equivalent to Mathematics 083 or Mathematics 084.*

 **29460** **7:50a-9:55a** **M W** **Ortiz F** **SAC D-434** **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.

 **29463** **10:05a-12:10p** **M W** **Ortiz F** **SAC D-434** **Full Semester**

 **29461** **Yimenu B** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **29469** **Ortiz R** **SAC ONLINE** **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **29471** **Ortiz F** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **29870** **Staff** **SAC ONLINE** **08/21-10/15**  
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**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.*

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

 **29472** **Yimenu B** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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.

 **29475** **Nardi N** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. Online Degree Pathway course. Available for all students

 **29476** **Castillo R** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **29478** **Castillo R** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**PSYC 230, PSYCHOLOGY OF ADJUSTMENT** **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.

 **29480** **Castillo R** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**PSYC 240, INTRODUCTION TO SOCIAL PSYCHOLOGY** **3.0 UNITS**

An exploration of the interlocking dynamics of psychology and sociology focusing on the impact of social groups on individuals and on other groups. Content includes self-development, interaction, attitudes, conformity, friendship, love, aggression, group dynamics (Same as Sociology 240).

 **29481** **Ortiz R** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 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.*

 **29485** **9:35a-11:00a** **Tu Th** **Pedroza J** **SAC D-434** **Full Semester**  
 **29483** **Castillo R** **SAC ONLINE** **08/21-10/15**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**READING (READ)**

**(See CRITICAL AND ACADEMIC READING (CAR))**

**SOCIOLOGY (SOC)**

**SOC 100, INTRODUCTION TO SOCIOLOGY** **3.0 UNITS**

The scientific study of human societies and behavior focusing on the process of social interaction, patterns of social inequality, and the influence of social institutions on individuals as members of social groups. Special emphasis provided to explain factors promoting social stability and social change.

 **29809** **7:00a-8:25a** **M W** **Campbell A** **SAC ZOOM** **Full Semester**  
 Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

 **29871** **8:30a-10:00a** **M W** **Campbell A** **SAC I-104** **Full Semester**

 **29808** **9:00a-12:10p** **F** **Torres S** **SAC D-105** **Full Semester**

 **29807** **11:40a-1:00p** **Tu Th** **Ramirez C** **SAC I-106** **Full Semester**

 **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

 **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

 **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

 **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

 **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

 **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

- OL 29810**      **6:00p-9:10p**      **Th**      **O'Dell R**      **SAC ZOOM**      **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
- O 29811**      **Campbell A**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 29812**      **Cicchelli G**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 29813**      **Cicchelli G**      **SAC ONLINE**      **08/21-10/15**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings. 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 Degree Pathway course. Available for all students
- O 29814**      **Cicchelli G**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 29815**      **O'Dell R**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 29853**      **Chhuo L**      **SAC ONLINE**      **10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 29854**      **Ramirez C**      **SAC ONLINE**      **10/16-12/10**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 **SOC 100H, HONORS INTRODUCTION TO SOCIOLOGY**      **3.0 UNITS**

A seminar-style, content-enriched course to provide a critical and extensive exploration of the sociological perspective, methods, and theories of social interaction, stability and change. Focuses on the importance of sociology for understanding individuals in a social context and provides a comprehensive understanding of and scientific way of thinking about society.

- OL 29858**      **7:00a-8:25a**      **Tu Th**      **Campbell A**      **SAC ZOOM**      **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.

**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.

- OL 29859**      **10:20a-11:45a**      **M W**      **Campbell A**      **SAC ZOOM**      **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
- O 29860**      **Torres S**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- O 29861**      **O'Dell R**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.

- OL 29862**      **10:20a-11:45a**      **Tu Th**      **Campbell A**      **SAC ZOOM**      **Full Semester**  
Fully Online Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus.
- O 29866**      **Torres S**      **SAC ONLINE**      **Full Semester**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**SPANISH (SPAN)**

**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.

<b>C</b>	<b>29660</b>	<b>10:05a-1:20p</b>	<b>Tu Th</b>	<b>Valle M</b>	<b>SAC D-304</b>	<b>09/04-12/10</b>
<b>C</b>	<b>29665</b>	<b>10:05a-12:35p</b>	<b>M W</b>	<b>Fuentes Sanchez A</b>	<b>SAC D-204</b>	<b>Full Semester</b>
<b>C</b>	<b>29667</b>	<b>1:15p-3:45p</b>	<b>M W</b>	<b>Fuentes Sanchez A</b>	<b>SAC D-305</b>	<b>Full Semester</b>
<b>C</b>	<b>29668</b>	<b>1:15p-3:45p</b>	<b>Tu Th</b>	<b>Palacios R</b>	<b>SAC D-303</b>	<b>Full Semester</b>
<b>C</b>	<b>29669</b>	<b>4:25p-6:55p</b>	<b>M W</b>	<b>Torres Munoz J</b>	<b>SAC I-107</b>	<b>Full Semester</b>

Section 29669 has been specifically designed for SPANISH SPEAKERS. This class requires the text "Mundo 21 hispano" with the electronic code for online lab materials.

<b>C</b>	<b>29659</b>	<b>5:30p-8:00p</b>	<b>M W</b>	<b>Di Giorgio A</b>	<b>SAC D-302</b>	<b>Full Semester</b>
<b>O</b>	<b>29677</b>			<b>Galvan J</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.

<b>O</b>	<b>29680</b>			<b>Galvan J</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.

<b>O</b>	<b>29681</b>			<b>Galvan J</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.

<b>O</b>	<b>29687</b>			<b>Guerrero-Phlaum M</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.

<b>O</b>	<b>29690</b>			<b>Guerrero-Phlaum M</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.

<b>O</b>	<b>29697</b>			<b>Fiallo C</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
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Fully online Instruction. Students are required to log into Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Section 29697 has been specifically designed for SPANISH SPEAKERS. This class requires the text "Mundo 21 hispano" with the electronic code for online lab materials.

<b>VH</b>	<b>30692</b>	<b>4:25p-6:55p</b>	<b>M</b>	<b>Quintero E</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
				<b>Staff</b>	<b>SAC CHS</b>	

Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Mondays, 8/21, 9/18, 10/16, 11/13, and 12/4 from 4:25 p.m.-6:55 p.m. This class requires the text "Puntos de partida" with the electronic code for online lab materials. This section is a dual enrollment course for Century High School (CHS).

<b>VH</b>	<b>30736</b>	<b>4:25p-6:55p</b>	<b>M</b>	<b>Di Giorgio A</b>	<b>SAC ONLINE</b>	<b>Full Semester</b>
				<b>Staff</b>	<b>SAC CHS</b>	

Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Mondays, 8/21, 9/18, 10/16, 11/13, and 12/4 from 4:25 p.m.-6:55 p.m. This class requires the text "Puntos de partida" with the electronic code for online lab materials. This section is a dual enrollment course for Century High School (CHS).

**† 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.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** **FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H** **HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** **VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** **ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

- 29682** Galvan J SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.
- 29703** Fiallo C SAC ONLINE Full Semester  
 Fully online Instruction. Students are required to log into Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Section 29703 has been specifically designed for SPANISH SPEAKERS. This class requires the text "Mundo 21 hispano" with the electronic code for online lab materials.

**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.*

- 29721** 10:05a-12:35p Tu Th Paniagua P SAC D-212 Full Semester
- 29723** Guerrero-Phlaum M SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.
- 29740** Guerrero-Phlaum M SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.
- 29743** Roman-Morfin R SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.
- 29745** Quintero E SAC ONLINE Full Semester  
 Fully online Instruction. Students are required to log into Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. Section 29745 has been specifically designed for SPANISH SPEAKERS. This class requires the text "Mundo 21 hispano" with the electronic code for online lab materials.

- 30746** Aguilars S SAC ONLINE Full Semester  
 4:25p-6:55p W Staff SAC ZOOM  
 Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Wednesdays 8/23, 9/20, 10/18, 11/15, and 12/6 from 4:25 p.m.-6:55p.m. This class requires the text "Puntos de partida" with the electronic code for online lab materials. This section is a dual enrollment course for Middle College High School (MCHS).

- 30753** Aguilar Hernandez GSAC ONLINE Full Semester  
 4:25p-6:55p Tu Staff SAC ZOOM  
 Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Tuesdays, 8/22, 9/19, 10/17, 11/14, and 12/5 from 4:25 p.m. -6:55 p.m. This class requires the text "Puntos de partida" with the electronic code for online lab materials. This section is a dual enrollment course for Middle College High School (MCHS).

**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.*

- 29741** Guerrero-Phlaum M SAC ONLINE Full Semester  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.

**OL** ONLINE: Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL** FULLY ONLINE LIVE: Fully Online Live Instruction - Live streaming instruction via Zoom

**H** HYBRID: On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH** VIRTUAL HYBRID: Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV** ON CAMPUS W/VIRTUAL: On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C** ON-CAMPUS: On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**VH 30756** **Fuchs D** **SAC ONLINE** **Full Semester**  
**4:25p-6:55p** **Tu** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Tuesdays, 8/22, 9/19, 10/17, 11/14, and 12/5 from 4:25 p.m. -6:55 p.m. This class requires the text "Puntos de partida" with the electronic code for online lab materials. This section is a dual enrollment course for Middle College High School (MCHS).

**VH 30761** **Goite A** **SAC ONLINE** **Full Semester**  
**4:25p-6:55p** **Tu** **Staff** **SAC ZOOM**  
 Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Tuesdays, 8/22, 9/19, 10/17, 11/14, and 12/5 from 4:25 p.m. -6:55 p.m. This class requires the text "Puntos de partida" with the electronic code for online lab materials. This section is a dual enrollment course for Middle College High School (MCHS).

**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.*

**O 29748** **Calderon A** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings.

**H 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.*

**O 29754** **Calderon A** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings.

**SPAN 213, COLLEGE SPANISH COMPOSITION** **3.0 UNITS**  
 Writing of composition through discussions and interpretive readings.  
*SPAN 201 or SPAN 201H: Concurrent enrollment in Spanish 201 or Spanish 201H.*

**O 29755** **Calderon A** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required coursework. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings.

## 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.

**C 26219** **4:00p-5:05p** **Tu** **Zarske M** **SAC H-205** **Full Semester**  
 This class meets on-campus.

**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.

**C 26221** **5:15p-8:25p** **Tu** **Meloch M** **SAC H-205** **Full Semester**  
 This class meets on-campus.

**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.

**C 26222** **5:00p-8:10p** **M** **Young A** **SAC H-207** **Full Semester**  
 This class meets on-campus.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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.

**C 26223 5:00p-8:10p W Zarske M SAC H-205 Full Semester**

This class meets 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.*

**C 26224 6:00p-8:05p M Meloch M SAC H-205 Full Semester**

**5:15p-8:25p Th Meloch M SAC H-205**

This class meets on-campus.

**SLPA 190, SPEECH-LANGUAGE PATHOLOGY ASSISTANT CLINICAL FIELDWORK 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.

*SLPA 120 and SLPA 150 and SLPA 160: 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.*

**C 26226 4:00p-4:50p M Zarske M SAC H-205 Full Semester**

This class meets on-campus, Monday: 8/21/23, 09/25/23, 10/30/23, and 12/04/23 from 4:00p-4:50p.

There will be 108 hours arranged for the semester. The instructor will provide details on other work assignments and assessments to be completed.

**STUDY SKILLS (STDY)**

**STDY 101, COLLEGE STUDY SKILLS**

**1.0 UNIT**

A course designed to teach effective college study skills while also helping students create positive academic and lifelong learning strategies for application across disciplines. Foundational to this course, students learn study skill techniques, such as: efficient time management and test-taking/test-anxiety reduction, stress management, effective note taking, textbook reading methods, and principles of memory, learning, motivation, and concentration. Particular attention is placed on individual, academic, and interpersonal success.

**O 30400 Staff SAC ONLINE 08/21-10/15**

Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**O 30401 Staff SAC ONLINE 10/16-12/10**

2nd 8 weeks Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**STDY 109, COLLEGE LEARNING SKILLS**

**3.0 UNITS**

This course provides effective success strategies to enhance student self-development, academic, and lifelong learning skills for the college student. The techniques include values, goal-setting, dealing with money, stress management, diversity, motivation, health, and time-management. Students learn personal growth methods and develop strategies to effectively deal with issues to ensure personal, educational, and career success.

**C 30454 11:00a-2:20p M W Staff SAC I-207 08/21-10/15**

1st 8 weeks

**C 30455 1:15p-4:35p Tu Th Staff SAC I-202 10/16-12/10**

2nd 8 weeks

**O 30402 Staff SAC ONLINE 08/21-10/15**

Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**O 30405 Staff SAC ONLINE 10/16-12/10**

2nd 8 weeks Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu)

**H 30460 Staff SAC HYBRID 10/16-12/10**

**3:30p-5:00p Tu Staff SAC CHS**

Dual-Enrollment: Century High School (Hybrid) 2nd 8 weeks On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction.

Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**THEATRE ARTS (THEA)****THEA 100, INTRODUCTION TO THEATRE****3.0 UNITS**

An introduction to the art and concepts of theatre through a study of modern and historical theories of dramatic structure, playwriting, directing, design, and acting. Attendance of live theatre required.

**C** **28596** **10:05a-1:25p** **M W** **Cannon C** **SAC P-105** **08/21-10/11**

 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.

**C** **28615** **10:05a-1:15p** **M W** **Cannon C** **SAC P-105** **10/16-12/10**

 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.

**O** **28617** **Cannon C** **SAC ONLINE** **Full Semester**

 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

 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.

**THEA 105, THEATRE HISTORY 1****3.0 UNITS**

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.

**O** **28619** **Cannon C** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**THEA 109, STAGE MANAGEMENT****3.0 UNITS**

Exploration of the study and practical application practices of the stage manager as they pertain to the theatrical production process. Emphasis is placed on the duties, responsibilities, and procedures from pre-production to post-production.

**C** **28621** **TBA** **Turner S** **SAC P-100** **08/21-10/29**

54 hours arranged per semester.

**THEA 110, ACTING FUNDAMENTALS****3.0 UNITS**

A study of acting involving the development of acting techniques, styles, and disciplines. Provides theory and practical experience with varied characterizations. Emphasizes individual growth and acquired skills necessary to the acting craft.

**C** **28628** **10:05a-11:30a** **Tu Th** **Cannon C** **SAC P-105** **Full Semester**

**11:30a-12:00p** **Tu Th** **Cannon C** **SAC P-105**

**THEA 111, INTERMEDIATE ACTING****3.0 UNITS**

Further study in the art of acting for the stage, investigating in-depth character study, role portrayal, special problems, and personal technique. Acting skills developed through use of exercises, monologues, and scenes from contemporary theatre.

*Prerequisite: Theatre Arts 110 with a minimum grade of C.*

**C** **28627** **10:05a-11:30a** **Tu Th** **Cannon C** **SAC P-105** **Full Semester**

**11:30a-12:00p** **Tu Th** **Cannon C** **SAC P-105**

**THEA 117, INTRODUCTION TO TECHNICAL THEATRE****3.0 UNITS**

A project-based course involving the study and execution of technical theater principles. Students will learn the theatrical design and technical practices that apply to scenery, lighting, sound, costumes, make up, properties, and scene painting.

**C** **28646** **10:05a-10:55a** **M W** **Staff** **SAC P-100** **Full Semester**

**11:05a-12:30p** **M W** **Staff** **SAC P-100**

**THEA 120, MUSICAL THEATRE HISTORY****3.0 UNITS**

This course explores the history of the uniquely American art form that is Musical Theatre from its early development in the colonial period to the present time. Emphasis will be placed on the chronological examination of various musical theatre productions. Students will learn how the composers, librettists, lyricists, choreographers, directors, and designers contributed to the formation and the popularity of musical theatre as it exists today.

**O** **28620** **Cannon C** **SAC ONLINE** **Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

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Low Cost or  
Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

**THEA 128, INTRODUCTION TO SOUND DESIGN**

**3.0 UNITS**

Develops an understanding and working knowledge of sound design principles and practices and the sound technology used to bring sound to the stage and the concert hall. Project based learning provides the student with an introduction to audio equipment and an understanding of the craft and process of sound design.

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

<b>C</b>	<b>28648</b>	<b>1:15p-2:05p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC P-100</b>	<b>Full Semester</b>
		<b>2:15p-3:40p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC P-100</b>	

**THEA 131, STAGECRAFT**

**3.0 UNITS**

An introduction to technical theatre and the creation of scenic elements including design concepts, painting techniques, set construction, set movement, prop construction, backstage organization, and stage management.

<b>C</b>	<b>28649</b>	<b>1:15p-2:40p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC P-100</b>	<b>Full Semester</b>
		<b>2:40p-3:10p</b>	<b>M W</b>	<b>Staff</b>	<b>SAC P-100</b>	

**THEA 150A, REHEARSAL AND PERFORMANCE IN PRODUCTION**

**2.0 UNITS**

Practical experience in performance production culminating in a series of public performances. All actors must audition and be cast prior to enrolling.

<b>C</b>	<b>28622</b>	<b>TBA</b>		<b>Chamberlain A</b>	<b>SAC P-100</b>	<b>08/21-10/29</b>
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88 hours arranged per semester.

**THEA 150B, TECHNICAL THEATRE IN PRODUCTION**

**2.0 UNITS**

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.

<b>C</b>	<b>28624</b>	<b>TBA</b>		<b>Turner S</b>	<b>SAC P-100</b>	<b>08/21-10/29</b>
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88 hours arranged per semester.

**THEA 157, DIRECTING FOR SINGLE-CAMERA PRODUCTION**

**3.0 UNITS**

An active examination of the principles of directing for the camera. Focus is placed on the practical application of the pre-production, filming, and post-production phases of film directing. Topics include script analysis, directorial presentation skills, converting a script into a shooting script, creating call sheets, casting actors, blocking actors, giving actors direction, rehearsal techniques, leading a cinematographer and camera crew, and overseeing the editing of a completed scene.

<b>C</b>	<b>28651</b>	<b>1:15p-2:05p</b>	<b>Tu Th</b>	<b>Cannon C</b>	<b>SAC P-105</b>	<b>Full Semester</b>
		<b>2:15p-3:40p</b>	<b>Tu Th</b>	<b>Cannon C</b>	<b>SAC P-105</b>	

**THEA 169, COOPERATIVE WORK EXPERIENCE- ENTERTAINMENT**

**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 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.

Open Entry / Open Exit

<b>C</b>	<b>28655</b>	<b>TBA</b>		<b>Turner S</b>	<b>SAC</b>	<b>Full Semester</b>
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**THEA 250, ADVANCED THEATRE PRODUCTION**

**2.0 UNITS**

Practical experience performing an advanced level role in a series of public performances.

*Prerequisite: Theatre Arts 150A with a minimum grade of C.*

<b>C</b>	<b>28626</b>	<b>TBA</b>		<b>Chamberlain A</b>	<b>SAC P-100</b>	<b>08/21-10/29</b>
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88 hours arranged per semester. Students are encouraged to prepare a one-minute monologue for the audition. To receive more information and sign up for auditions, email Sara Turner at turner\_sara@sac.edu

**THEA 255, MOTION PICTURE PERFORMANCE PRODUCTION**

**3.0 UNITS**

Practical experience in performance production culminating in a fully produced feature film screened to the public. The final movie presentation becomes the basis for developing an actor reel. Students desiring an acting role must audition.

<b>C</b>	<b>28656</b>	<b>TBA</b>		<b>Cannon C</b>	<b>SAC P-105</b>	<b>Full Semester</b>
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126 hours arranged per semester.

**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.*

<b>C</b>	<b>28657</b>	<b>TBA</b>		<b>Cannon C</b>	<b>SAC P-105</b>	<b>Full Semester</b>
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126 hours arranged per semester.

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**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or  
Free Textbooks

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

## VIETNAMESE (VIET)

### 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.

<b>C</b> 29656	1:15p-3:45p	M W	Tran T	SAC D-302	Full Semester
<b>C</b> 29657	10:05a-12:35p	Tu Th	Nguyen M	SAC D-305	Full Semester

### 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.

*Prerequisite: Vietnamese 101 with a minimum grade of C.*

<b>VH</b> 29658		Th	Nguyen N Staff	SAC ONLINE SAC ZOOM	Full Semester
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Virtual Hybrid Instruction. A combination of live streaming instruction via Zoom during the days and times indicated combined with online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. This section has 5 mandatory Zoom meetings on Thursdays, 8/24, 9/21, 10/19, 11/16, and 12/7 from 4:25 p.m.- 6:55 p.m.

## WELDING (WELD)

### 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).

<b>C</b> 26198	8:00a-8:50a	F	Staff	SAC K-101	Full Semester
	9:00a-1:00p	F	Staff	SAC K-115	
		1:30p-4:00p	F	SAC K-115	

This class meets on-campus.

<b>C</b> 26199	9:10p-9:40p	Tu Th	Staff	SAC K-101	Full Semester
	6:00p-9:10p	Tu Th	Staff	SAC K-115	

This class meets on-campus.

<b>H</b> 26197		Tu Th	Gonzales G	SAC HYBRID	Full Semester
	7:30a-10:40a	Tu Th	Gonzales G	SAC K-115	

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

### WELD 111A, WELDING LAB SKILLS

**2.0 UNITS**

This class is designed for students to enhance their welding skills. Students will be able to practice open root welding, along with preparation for welding practical exams. This lab will focus on material preparation and welding techniques. Students will receive two units for 108 hours of participation.

*Recommended Preparation: Current enrollment or completion of WELD 101 with a minimum grade of C.*

<b>C</b> 30477	8:00a-12:00p	Sa	Brunty D	SAC K-115	Full Semester
	12:30p-3:00p	Sa	Staff	SAC K-115	

This class meets on-campus.

### WELD 111B, WELDING SKILLS LAB

**2.0 UNITS**

This class is designed for students to enhance their welding skills. Students will be able to practice open root welding, along with preparation for welding practical exams. This lab will focus on material preparation and welding techniques. Students will receive two units for 108 hours of participation.

*Recommended Preparation: Current enrollment or completion with a minimum grade of C in WELD 101.*

<b>C</b> 30480	8:00a-12:00p	Sa	Brunty D	SAC K-115	Full Semester
	12:30p-3:00p	Sa	Staff	SAC K-115	

This class meets on-campus.

**O** **ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

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Low Cost or  
Free Textbooks

OER

ZTC

**Honors Courses:**

**HONORS**

**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*

**H 26202** **Gonzales G SAC HYBRID Full Semester**

**11:00a-2:10p Tu Th Gonzales G SAC K-115**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**H 26203** **Diamond Z SAC HYBRID Full Semester**

**11:00a-2:10p M W Diamond Z SAC K-115**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**WELD 132, INTRODUCTION TO GAS TUNGSTEN ARC WELDING**

**1.5 UNITS**

This course is designed to introduce students to Gas Tungsten Arc Welding (GTAW), Shop safety, GTAW equipment, and GTAW fundamentals. GTAW skills and theory will be demonstrated to support what is currently used in the welding and metal fabrication industry.

*Recommended Preparation: Current enrollment or completion with a minimum grade of C in WELD 101.*

**H 27483** **Diamond Z SAC HYBRID 08/21-10/15**

**2:30p-5:40p M W Diamond Z SAC K-115**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.

**O 26204** **Diamond Z SAC ONLINE Full Semester**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.*

**H 26206** **Diamond Z SAC HYBRID Full Semester**

**7:30a-10:40a M W Diamond Z SAC K-115**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**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.*

**H 26208** **Gonzales G SAC HYBRID Full Semester**

**2:30p-5:40p Tu Th Gonzales G SAC K-115**

On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**WELD 240, STRUCTURAL WELDING SMAW**

**3.0 UNITS**

This is an advanced course designed to provide students with specialized instruction in Shielded Metal Arc Welding (SMAW) 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).

*WELD 225: Welding 225 with a minimum grade of C.*

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**H 26209** **Staff** **SAC HYBRID** **Full Semester**  
**6:00p-9:10p** **M W** **Staff** **SAC K-115**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**WELD 242, STRUCTURAL WELDING FCAW** **3.0 UNITS**  
 This is an advanced course designed to provide students with specialized instruction in flux cored arc welding (FCAW) 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). *WELD 225: Welding 225 with a minimum grade of C.*

**H 26210** **Staff** **SAC HYBRID** **Full Semester**  
**6:00p-9:10p** **M W** **Staff** **SAC K-115**  
 On-Campus Hybrid Instruction. A combination of on-campus meetings during the days and times indicated and online instruction. Students log in to Canvas. [canvas.sac.edu](https://canvas.sac.edu)

**WELD 256, ALTERNATIVE WELDING PROCESSES** **3.0 UNITS**  
 The Alternative Welding Processes course focuses on robot and laser safety, programming, and operation. The course trains students in the fundamentals of robot programming and language. Laser welding includes the development and documentation of procedures and qualification of welds, and the calibration of equipment for welding. *WELD 101 and WELD 125: Welding 101 and 125 with a minimum grade of C.*

**C 26211** **8:00a-10:05a** **Sa** **Schlock T** **SAC K-101** **Full Semester**  
**10:15a-1:25p** **Sa** **Schlock T** **SAC K-101**  
 This class meets on-campus.

## WOMEN'S STUDIES (WMNS)

**WMNS 101, INTRODUCTION TO WOMEN'S STUDIES** **3.0 UNITS**  
 A multicultural survey of social trends, issues, opportunities, and topics of special interest to women. Discussion includes sex, sex role stereotyping, family problems, work, law, gender equity, physical and mental health, feminism, rape, and women in arts, sciences, history, and business.

**O 29867** **Boles K** **SAC ONLINE** **Full Semester**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O 29868** **Boles K** **SAC ONLINE** **10/16-12/10**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**O ONLINE:** Fully Online Instruction - Time-flexible online course with no scheduled meeting times

**OL FULLY ONLINE LIVE:** Fully Online Live Instruction - Live streaming instruction via Zoom

**H HYBRID:** On-Campus Hybrid Instruction – A combination of on-campus meetings and online instruction

**VH VIRTUAL HYBRID:** Virtual Hybrid Instruction – A combination of live streaming Zoom meetings and online instruction

**CV ON CAMPUS W/VIRTUAL:** On-Campus with Virtual Instruction – A combination of on-campus and live streaming Zoom meetings

**C ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

Low Cost or  
Free Textbooks

 OER

 ZTC

Honors Courses:

 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: Jennifer De La Rosa,  
2323 N. Broadway, Santa Ana, CA 92706, 714-480-7404.

RSCCD Title IX Coordinator: Cheng Yu Hou,  
2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.

SAC Deputy Title IX Coordinator: Dr. Brenda Estrada,  
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 membresía, o para la participación incluyendo pagos financieros o contribuciones hechas a organizaciones privadas de parte del Distrito o de cualquier individuo empleado por el Distrito o con asociación, cuyas prácticas de membresía son discriminatorias en base a lugar de nacimiento, religión, edad, sexo, identidad de género, expresión del género, raza, color, condición médica, información de genética, descendencia familiar, orientación sexual, estado civil, incapacidad física o mental, embarazo, categoría militar o de veterano, o por creer que él o ella tiene una o más de las características mencionadas, o en base a estar relacionado con una persona o grupo que se cree tenga algunas de estas características. 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: Jennifer De La Rosa, 2323 N. Broadway, Santa Ana, CA 92706,  
714-480-7404.

RSCCD Título IX Coordinador: Cheng Yu Hou, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.

SAC Título IX Coordinador: Dr. Brenda Estrada, 1530 W 17th, Santa Ana, CA. 92706, 714-564-6212.

### **CHÍNH SÁCH KHÔNG PHÂN BIỆT ĐỐI XỬ**

Các Rancho Santiago Community College District cam kết cơ hội 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 cung cấp 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, biểu hiện giới tính, chủng tộc hoặc dân tộc, màu da, tình trạng y tế, thông tin di truyền, tổ tiên, khuynh hướng tình dục, tình trạng hôn nhân, khuyết tật về thể chất hoặc tinh

thần, mang thai, hoặc quân đội và tình trạng cựu chiến binh, hoặc vì người đó 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 trình bày các khiếu nại liên quan đến các vi phạm bị cáo buộc của chính sách này và khiếu nại của họ được nghe theo quy định của tiêu đề 5 và Tiêu đề IX và các cơ quan khác quản lý luật tiểu bang và liên bang về không phân biệt đối xử. Không bao giờ được sử dụng cho các thành viên, hoặc cho bất kỳ sự tham gia liên quan đến thanh toán tài chính hoặc đóng góp thay mặt cho quận hoặc bất kỳ cá nhân làm việc hoặc liên kết với nó, cho bất kỳ tổ chức riêng tư có thực hành thành viên là phân biệt đối xử trên cơ sở nguồn gốc quốc gia, tôn giáo, tuổi tác, giới tính, biểu hiện giới tính, chủng tộc, màu da, điều kiện y tế, thông tin di truyền, tổ tiên, khuynh hướng tình dục, tình trạng hôn nhân, Khuyết tật về thể chất hoặc tinh thần, mang thai, hoặc quân đội và tình trạng cựu chiến binh, hoặc vì người đó được coi là có một hoặc nhiều đặc điểm nói trên, hoặc vì sự liên kết của mình với Các yêu cầu liên quan đến các thủ tục tuân thủ và/hoặc khiếu kiện có thể được chuyển đến điều phối viên tiêu đề IX của học khu và/hoặc điều phối viên mục 504/ADA.

RSCCD phần 504/ADA điều phối viên: Jennifer De La Rosa,  
2323 N. Broadway, Santa Ana, CA 92706, 714-480-7404

RSCCD tiêu đề IX điều phối viên: Cheng Yu Hou,  
2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489

SAC phó tiêu đề IX điều phối viên Brenda Estrada,  
1530 W 17th, Santa Ana, CA. 92706, 714-564-6212

### **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.

(BP4201 Faculty)

### **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 2014 Cohort**

**Completion Rate: 29.08%**

**Transfer Rate: 6.46 %**

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 2014, 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 2014 to Spring 2020. 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 a eleven semester period, from Spring 2015 to Spring 2020, 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)
- ECS Imaging (optical imaging)
- Ellucian Colleague
- Image Now (optical imaging)
- Medpro and Quest (Health Center)
- National Student Clearinghouse
- Parchment (Online transcript request)
- SARS (Counseling Center)
- Xerox

**SEXUAL HARASSMENT, SEXUAL MISCONDUCT INTIMATE PARTNER VIOLENCE, AND STALKING**

Various federal and state law imposes obligations for the District to address 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 The Village, VL-211 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.

Jennifer De La Rosa, Title IX Coordinator  
Rancho Santiago Community College District  
2323 N. Broadway, Santa Ana, California 92706-1640

Email: [TitleIX@rscdd.edu](mailto:TitleIX@rscdd.edu)

Phone: 714-480-7404

Web: [www.rscdd.edu/titleix](http://www.rscdd.edu/titleix)

Dr. Brenda Estrada, Deputy Title IX Coordinator

Santa Ana College

1530 W 17th, Santa Ana, CA. 92706

Email: [estrada\\_brenda@sac.edu](mailto:estrada_brenda@sac.edu)

Phone: 714-564-6212

Any individual can submit a report by using the following link:

[www.rscdd.edu/incidentreportingform](http://www.rscdd.edu/incidentreportingform)

Applicable regulations, resources, and additional information can be found at [www.rscdd.edu/titleix](http://www.rscdd.edu/titleix)

or [www.rscdd.edu/civilrights](http://www.rscdd.edu/civilrights)

Additional off-campus resources can be found below:

Waymakers: 949-831-9110

[waymakersoc.org](http://waymakersoc.org)

Human Options: 1-877-854-3594

[humanoptions.org](http://humanoptions.org)

Supporting Survivors: 714-517-6100

[ohealthinfo.com/bhs/services/support/ss](http://ohealthinfo.com/bhs/services/support/ss)

Laura's House: 866-498-1511

[laurashouse.org](http://laurashouse.org)

National Suicide Prevention Lifeline: 1-800-273-8255

[suicidepreventionlifeline.org](http://suicidepreventionlifeline.org)

Rape, Abuse & Incest National Network: 1-800-656-HOPE

[hotline.rainn.org/online](http://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](http://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:

Jennifer De La Rosa

Title IX Coordinator

Rancho Santiago Community College District

2323 N. Broadway, Santa Ana, California 92706-1640

Email: [TitleIX@rsccd.edu](mailto:TitleIX@rsccd.edu)

Phone: 714-480-7404

Web: [www.rsccd.edu/titleix](http://www.rsccd.edu/titleix)

Dr. Brenda Estrada

Deputy Title IX Coordinator

Santa Ana College

1530 W 17th, Santa Ana, CA. 92706

Email: [estrada\\_brenda@sac.edu](mailto:estrada_brenda@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/report](http://www.rsccd.edu/report)

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.rscdd.edu/report](http://www.rscdd.edu/report)

Applicable regulations, resources, and additional information can be found at

[www.rscdd.edu/titleix](http://www.rscdd.edu/titleix) or [www.rscdd.edu/civilrights](http://www.rscdd.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 SAC Catalog for specific guidelines for student conduct.

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

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

SAC and SCC Student Health Centers, for confidential counseling and referral to local agencies

Alcoholics Anonymous

National Drug Hotline 1-800-662-HELP

Al-Anon / Alateen Family Group Headquarters 1-800-356-9996

Narc-anon Family Group Headquarters 310-547-5800

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

### **TRANSPORTATION POLICY**

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

### **PHOTOGRAPHY**

Santa Ana College/Santiago Canyon College, a non-profit California Community College, reserves the right to use photography and video images of students and visitors, age 18 and older, taken on our property and at college-sponsored events for marketing and promotional purposes. Objection to the use of an individual's photograph may be made in writing to Public Affairs and Publications, RSCCD District Office, 2323 N. Broadway, Suite 408, Santa Ana, CA 92706 or to the Public Information Office, Santa Ana College, 1530 W. 17th Street, Santa ana, CA 92706.

### **COLLEGE-CREDIT PROGRAMS**

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

### **COURSE ARRANGED HOURS**

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

### **COURSE OPEN ENROLLMENT**

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

## **COURSE REPETITION**

### **WHEN MAY COURSES BE REPEATED?**

#### **SUBSTANDARD WORK**

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

#### **NON REPEATABLE COURSES**

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

#### **REPEATABLE COURSES**

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

#### **VARIABLE UNIT COURSES**

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

#### **OTHER REPETITIONS – A & G PETITION PROCESS - PETITION FOR COURSE REPETITION EXCEPTION**

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 [Self-Service](#):

- Last day to add a class with instructor's signature or online 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**

Completed Pass/No Pass Petitions must be received in the Admissions Office by the last day of instruction for each section. Pass/No Pass Petitions require a counselor signature to be considered complete. Pass/No Pass courses may NOT be taken in the student's major field and a maximum of 14 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.

## **CLASS SCHEDULE SUBJECT TO CHANGE**

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

## **CLASS DISCONTINUANCE POLICY**

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

## **DISTRICT SAFETY AND SECURITY**

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

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.

# Opportunities begin with Continuing Education

@Santa Ana College



All classes are  
**tuition-free** to  
adults living in  
California!



**English Language**



**Career Training**



**High School Diploma**



**Citizenship**



**GED/HiSET**



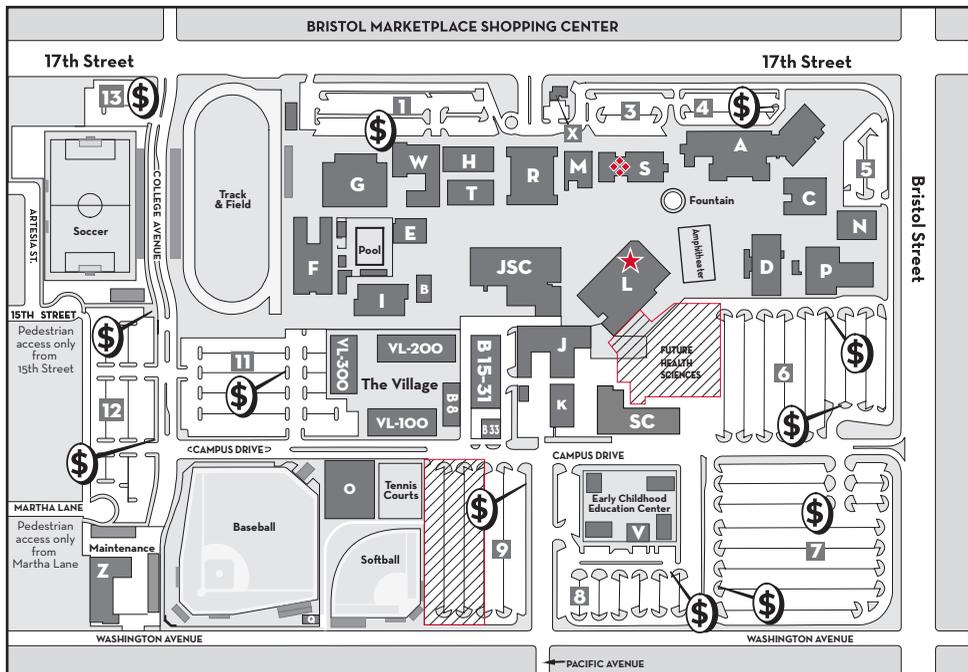
**Active Adults**

**Learn more at:**

**sac.edu/sce**

**714-241-5700**





**PARKING**

☛ Daily Permit Dispenser (\$2.00 for 8 hours)

1 STAFF  
2 SECURITY  
3 VISITOR  
4-5 STAFF  
6-13 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 in the Johnson Student Center (JSC-202) 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**

<b>A Cesar Chavez Building</b>		<b>EOPS/CARE/CalWORKs</b>	<b>JSC-212</b>	<b>Q Sports Concession</b>	
<b>Academic Computing Center</b>	<b>A-106</b>	<b>Financial Aid</b>	<b>JSC-201</b>	<b>R Russell Hall</b>	
<b>Distance Education</b>	<b>A-101</b>	<b>Grab-N-Go</b>	<b>JSC-116</b>	<b>S Administration Building – First Floor:</b>	
<b>B Middle College High School</b>		<b>Guardian Scholars</b>	<b>JSC-215</b>	<b>Admissions / Records</b>	<b>S-101</b>
<b>Fire Technology Office</b>	<b>B-10</b>	<b>Health &amp; Wellness Center</b>	<b>JSC-110</b>	<b>Counseling</b>	<b>S-112</b>
<b>Fire Tech Faculty Offices</b>	<b>VL-203</b>	<b>International Student Program</b>	<b>JSC-208</b>	<b>Graduation Office</b>	<b>S-104</b>
<b>B 8 Adult Education Center Office</b>	<b>VL-211A</b>	<b>Lactation Room</b>	<b>JSC-110</b>	<b>Promise Program</b>	<b>S-110</b>
<b>B 15-31 Middle College Classrooms</b>		<b>Reprographics</b>	<b>JSC-120</b>	<b>PUENTE Program</b>	<b>S-110</b>
<b>B 33 Middle College Office</b>		<b>(TRiO) SSSP Upward Bound</b>	<b>JSC-209</b>	<b>University Transfer Center &amp; Center for Teacher Education</b>	<b>S-110</b>
<b>C Fine Arts / Art Gallery</b>		<b>Student Business Office</b>	<b>JSC-202</b>	<b>Administration Building – 2nd Floor:</b>	
<b>D Dunlap Hall</b>		<b>Student Life</b>	<b>JSC-102</b>	<b>Community Services Program</b>	<b>S-203</b>
<b>Honors Program</b>	<b>D-307</b>	<b>Student Placement</b>	<b>JSC-203</b>	<b>Foundation</b>	<b>S-201</b>
<b>Learning Center</b>	<b>D-428</b>	<b>The Spot</b>	<b>JSC-101</b>	<b>Scholarship Program</b>	<b>S-201</b>
<b>E Fitness Center</b>		<b>K Welding / Auto Diesel</b>		<b>Student Outreach</b>	<b>S-213</b>
<b>F Locker Rooms</b>		<b>L Nealley Library – 1st Floor</b>		<b>SC Science Center</b>	
<b>G Cook Gym</b>		<b>L Building – 2nd Floor:</b>		<b>T Technical Arts</b>	
<b>H Hammond Hall</b>		<b>Assessment Center</b>	<b>L-223</b>	<b>V Early Childhood Education Center</b>	
<b>I Classroom Building</b>		<b>Career Center</b>	<b>L-222</b>	<b>Classroom</b>	<b>V-103</b>
<b>J Auto Shop</b>		<b>Math Study Center</b>	<b>L-204</b>	<b>VL The Village</b>	
<b>JSC Johnson Student Center</b>		<b>MESA Program</b>	<b>L-206</b>	<b>Middle College High School Classrooms</b>	<b>V-300</b>
<b>Associated Student Government (ASG)</b>	<b>JSC-103</b>	<b>M Planetarium</b>		<b>W Kinesiology</b>	
<b>Bookstore (in Campus Store)</b>	<b>JSC-117</b>	<b>Veterans Resource Center</b>	<b>M-120</b>	<b>X Security / Safety</b>	
<b>Cafe -Coffee/Juice Bar</b>	<b>JSC-118</b>	<b>N Music Building</b>		<b>Z Maintenance</b>	
<b>Campus Store/Quick Stop</b>	<b>JSC-117</b>	<b>O Central Plant</b>			
<b>Disabled Students Program (DSPS)</b>	<b>JSC-108</b>	<b>P Phillips Hall Theatre</b>			



# ONLINE LEARNING AT SAC

## In your space ... in your time

- Distance Education courses give you an opportunity to complete most of your work outside the traditional classroom.
- Earn your degree
- An education that works around your schedule
- An alternate to attending regular, on-campus classes
- Equivalent to standard classes that meet general education and university transfer requirements
- Convenient and flexible

With over 400 online courses, Santa Ana College will help you to accelerate your education and career goals. Distance Education consultants are available if you would like some helpful advice on finding the right path for you.

[sac.edu/online](http://sac.edu/online)

Contact us @ (714) 564-6725 or [sac\\_disted@sac.edu](mailto:sac_disted@sac.edu)

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