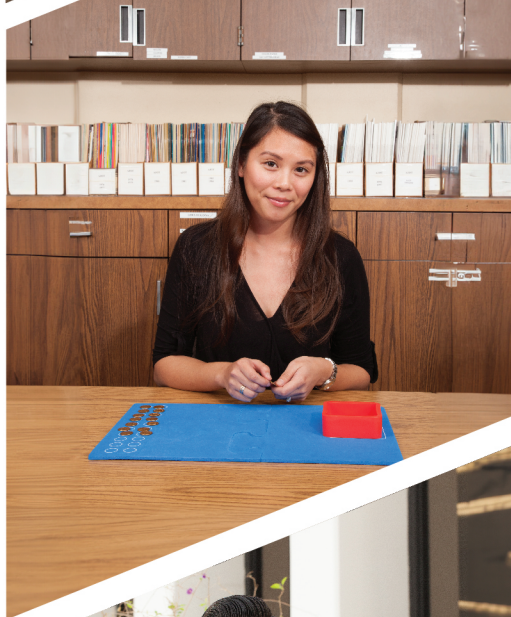


# SANTA ANA COLLEGE

# INTERSESSION

2 0 2 4

CLASS SCHEDULE  
JANUARY 8 - FEBRUARY 4



ENROLL AT  
**SAC.EDU**



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 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

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## SANTA ANA COLLEGE MISSION STATEMENT

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

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# INTERSESSION 2024 CALENDAR

November 1, 2023 - January 7, 2024  
December 25, 2023 and January 1, 2024  
January 8, 2024  
Add / Drop Deadlines:

Online registration  
College is closed for holidays  
Instruction begins  
See section details on Student Self Service  
Last day to add a class with Add Authorization  
Last day to drop a class without a "W" grade  
Last day to drop a class with a "W" grade  
Martin Luther King Holiday  
Instruction ends  
Full Spring semester instruction begins

January 15, 2024  
February 4, 2024  
February 12, 2024

## ADMISSIONS / REGISTRATION HOURS

Check the Admissions & Records Website for latest hours and updates

[sac.edu/StudentServices/AdmissionsRecords](https://sac.edu/StudentServices/AdmissionsRecords)

- **In-person:** Mon - Thu: 8:00am - 5:45pm, Fri: 8:00am - 4:30pm
- **Phone:** Mon - Thu: 8:00am - 5:45pm, Fri: 8:00am - 4:30pm
- **Email us at:** [Adm\\_Records@sac.edu](mailto:Adm_Records@sac.edu) – submit documents or ask questions

## HOW TO APPLY & REGISTER

### STEP ONE:

To apply to Santa Ana College, complete an application online at [sac.edu](https://sac.edu). Click on the **"Apply"** link. After submitting all of your information, you will receive an e-mail confirmation from CCCApply. Within 1-2 business days, you will receive another e-mail from Santa Ana College with your login information and important registration information. You will be able to log in to [sac.edu/selfservice](https://sac.edu/selfservice) to register for classes.

### STEP TWO:

#### ONLINE REGISTRATION STEPS:

1. Go to [sac.edu/selfservice](https://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 REGISTRATION DATES

Continuing Students: November 1, 2023 - January 7, 2024

New Students: November 2, 2023 - January 7, 2024

Special Admit High School Students: November 4, 2023 - January 7, 2024

## DROP FOR NON-PAYMENT POLICY

Enrollment fees must be paid IN FULL within 3 calendar days of registration or all of your classes may be dropped and released to other students. In addition to the 3-day non-payment drop policy, **there is a final outstanding balance drop date.** No balance will be carried over into the start of the semester. **All fees (enrollment and health fees) must be paid in full by the Friday (midnight) before the start of the semester.** If there is a balance on your account, your classes will be dropped the next morning (Saturday) regardless of when you registered. There will be no drops for nonpayment processed once the semester begins. If you need assistance paying your enrollment fees and would like to apply for a Fee Waiver, go to

[home.cccapply.org/money/california-college-promise-grant](http://home.cccapply.org/money/california-college-promise-grant)

It is your responsibility to check your account balance and pay the amount owed.

## STUDENT RESPONSIBILITY TO DROP CLASSES

To avoid a "W" grade, students must drop classes on or before the day of first class meeting. **Students will not be automatically dropped for non-attendance. You must drop online.** Anytime after the first class meeting, you will not be eligible to receive a refund for your classes nor be exempt from payment.

## 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 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 approval to add the course (Log in to **Self-Service** often to check your status on the wait list).

**NOTE:** Please check that your email address is current in your student profile via **Self-Service.**

## PAY FEES IMMEDIATELY

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.

PAY ONLINE with a credit card at **Self-Service**

PAY IN PERSON at the college cashier's office locations listed below. Payment by check, Visa, MasterCard, and Discover are accepted.

or MAIL CHECK OR MONEY ORDER TO:

REGISTRATION, SAC Cashier's Office,

1530 W. 17th Street, Santa Ana, CA 92706

REGISTRATION, SCC Cashier's Office,

8045 E. Chapman Avenue, Orange, CA 92869

Do not send cash! Make checks payable to "RSCCD" and write your Student ID number on the check.

## ENROLLMENT FEE:

**\$46.00 PER UNIT. PAYMENT IS REQUIRED OF ALL STUDENTS UPON REGISTERING FOR CLASSES.**

**NON RESIDENT TUITION: \$399.00 PER UNIT IN ADDITION TO THE PER ENROLLMENT FEE FOR NON-RESIDENT STUDENTS. REFER RESIDENCY QUESTIONS TO THE ADMISSIONS OFFICE.**

## HEALTH FEE:

\$20.00 for **intersession** is charged to all students whether or not they choose to use health services.

## REFUNDS:

Students will be eligible for a refund if they drop their course on or before the day of the first class meeting.

## MATERIAL FEE:

Material fee may be required for a course. Check classes online for specific fees.

## REPRESENTATION FEE:

\$2.00 at SAC. \$1.00 at SCC.

## STUDENT PHOTO IDENTIFICATION CARD:

Available at the Student Business Office, Johnson Student Center - JSC-202, at Santa Ana College, FREE of charge.

**PARKING FEE:**

A permit is not required to park on campus during Intersession.

**FIRST CLASS MEETING**

Make sure you attend the first class meeting!

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

**OFF-CAMPUS FIELD TRIPS POLICY**

Throughout the semester/school year, the District may sponsor voluntary off-campus extracurricular field trips/excursions. If you choose to participate, be advised that pursuant to California Code of Regulations, Subchapter 5, Section 55450, you have agreed to hold the District, its officers, agents and employees harmless from any and all liability or claims which may arise out of or in connection with your participation in the activity.

**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.

**FREQUENTLY ASKED QUESTIONS**

**When does Intersession/Spring 2024 Application become available?**

The application becomes available as of September 01, 2023. Please go to [sac.edu](http://sac.edu) to submit your online application.

**Where do I apply for the Intersession?**

Applications are available online at [sac.edu](http://sac.edu).

**How do I enroll for Intersession Classes?**

Enroll online via [Self-Service](#), November 1, 2023 – January 7, 2024.

College is closed for Holiday Break, December 25, 2023 – January 1, 2024.

**Do I need a parking permit during the January Intersession classes?**

No. Permits are not required during the January Intersession.

**PROBLEMS REGISTERING?**

Have you attended SAC or SCC during the Spring or Fall Semester 2023?

**If No:** You need to submit an application prior to registering for classes – apply online. [sac.edu](http://sac.edu)

**If Yes:** Continue with the following questions.

- Have you completed the needed prerequisites for the class? If not, call Counseling and make an appointment, 714-564-6100 or 714-546-6103
- Have you taken the course at least 2 times already? If yes, fill out course repetition petition or call Admissions 714-564-6017.

**REGISTRATION QUESTIONS?**

Call 714-564-6017

**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)

Can't find the class you need?

It may be waiting for you at Santiago Canyon College (SCC).

Classes for both SAC and SCC are listed online.

**SAC CLASS AND INSTRUCTION METHODS**

SAC 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, Online & On-Campus Meetings, and Virtual Hybrid classes:

- Access to classes will be available on Canvas, [rscd.instructure.com](https://rscd.instructure.com), the first day of classes.
- Students on wait lists must email the instructor the first week of class to be considered for enrollment.
- Verify that your email address is current on [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](#)

**CLASS INSTRUCTION METHODS**



**Online (O)**

**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)**

**FULLY ONLINE LIVE INSTRUCTION (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.



**Virtual Hybrid (VH)**

**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.



**Online & On-Campus Meetings (H)**

**ON-CAMPUS HYBRID INSTRUCTION (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.



**On Campus (C)**

**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.

## ACCOUNTING (ACCT)

### 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.

 **35627** **Bowman S SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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 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.



 **35628** **Sung L SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

 **32951** **Smith E SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.


 **32952** **Arazi H SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.


 **32986** **Cundiff W SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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 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.


 **32984** **Robertson M SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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:** 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 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.*











-  **32985** **Robertson M SAC ONLINE 01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the 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 (ART)**

**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.

-  **20169 1:00p-4:20p M Tu W Th Spies B SAC C-104 01/08-02/04**  
 Instructor has elected to use 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.
-  **20171 Monroe J SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.
-  **20173 Marquez P SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.
-  **20175 Stone L SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.
-  **20177 Soriano I SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

**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.




-  **35528 9:00a-11:10a M Tu W Th Hower T SAC C-210 01/08-02/04**  
**11:20a-3:50p M Tu W Th Hower T SAC C-210**


**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**


-  **20223 Fitch A SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.
-  **35531 Synicky C SAC ONLINE 01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the 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:** 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 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**




**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.*


 <b>35529</b>	<b>9:00a-11:10a</b>	<b>M Tu W Th</b>	<b>Hower T</b>	<b>SAC C-210</b>	<b>01/08-02/04</b>
	<b>11:20a-3:50p</b>		<b>Hower T</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>35530</b>	<b>9:00a-11:10a</b>	<b>M Tu W Th</b>	<b>Hower T</b>	<b>SAC C-210</b>	<b>01/08-02/04</b>
	<b>11:20a-3:50p</b>	<b>M Tu W Th</b>	<b>Hower T</b>	<b>SAC C-210</b>	


**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.


 <b>33824</b>			<b>Chakhad M</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</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 are no additional textbook costs for this ZTC class.

**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.

 <b>33825</b>			<b>Chakhad M</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</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 are no additional textbook costs for this ZTC class.

**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>34962</b>	<b>8:00a-11:20a</b>	<b>M Tu W Th</b>	<b>Staff</b>	<b>SAC SC-111</b>	<b>01/08-02/04</b>
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 <b>34990</b>			<b>Morris A</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</b>
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**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.*

 <b>34991</b>	<b>11:45a-3:05p</b>	<b>M Tu W Th</b>	<b>Dinh-Mahavongtrakul M</b>	<b>SAC SC-218</b>	<b>01/08-02/04</b>
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There are no additional textbook costs for this ZTC class.

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**



**Honors Courses:**


 **HONORS**

**BIOL 191, BIOTECH A: BASIC SKILLS**

**4.0 UNITS**

This course prepares students for entry-level work in the biotechnology industry by emphasizing the core concepts needed to work effectively in a bioscience laboratory. Topics include laboratory math, basic chemistry of buffers, healthy and safety, metrology and quality control. This course introduces students to standard biotechnology laboratory skills including laboratory measurement, maintenance of an industry standard notebook, preparation and sterilization of solutions, reagents and media, proper use and maintenance of laboratory equipment, adherence to quality control protocols and lab safety regulations, data collection and evaluation, basic separation methods, aseptic technique and documentation.

 <b>34992</b>	<b>9:00a-12:20p</b>	<b>M Tu W Th</b>	<b>Jang C</b>	<b>SAC SC-212</b>	<b>01/08-02/04</b>
	<b>1:20p-4:40p</b>	<b>M Tu W Th</b>	<b>Jang C</b>	<b>SAC SC-212</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.

**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>34993</b>			<b>Jang C</b>	<b>SAC SC-212</b>	<b>01/08-02/04</b>
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**BUSINESS (BUS)**

**BUS 100, FUNDAMENTALS OF BUSINESS**

**3.0 UNITS**

An introduction to the basic fundamentals of business. A survey of marketing, management, production, accounting, finance, and economics and how they interrelate in the business environment.

 <b>35701</b>			<b>Shweiri G</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</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 a \$20 material fee with no additional textbook cost.

**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

 <b>35720</b>			<b>Solares E</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</b>
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Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

**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

 <b>35725</b>			<b>Solares E</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</b>
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Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**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.*

 **35629** **Strong J** **SAC ONLINE** **01/08-02/04**


Fully Online Instruction. Students are required to log in to Canvas by the 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.

 **35630** **Sim J** **SAC ONLINE** **01/08-02/04**

 Fully Online Instruction. Students are required to log in to Canvas by the 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 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.*

 **35728** **Staff** **SAC ONLINE** **01/08-02/04**

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Instructor has elected to use Open Educational Resources (OER) for this 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 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

 **35648** **Andrus E** **SAC ONLINE** **01/08-02/04**


Fully Online Instruction. Students are required to log in to Canvas by the 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.

 **35653** **Luu T** **SAC ONLINE** **01/08-02/04**


 Fully Online Instruction. Students are required to log in to Canvas by the 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 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

**35656 Morgan A SAC ONLINE 01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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 109, CHEMISTRY IN THE COMMUNITY**

**4.0 UNITS**

The non-science major will study practical applications of chemistry and the chemical principles behind them including: the scientific method, atomic structure, molecular models, and chemical reactions. Environmental and community issues will be the focus of student centered laboratories, discussions and field trips. Group work and computer activities will be used in this cooperative learning environment.

**33826 Pratt C SAC ONLINE 01/08-02/04**

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

**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.

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

**33831 9:00a-12:20p M Tu W Th McAdam J SAC SC-308 01/08-02/04**  
**1:00p-4:20p M Tu W Th McAdam J SAC SC-326**

**33830 8:00a-11:20a M Tu W Th Littlejohn S SAC HYBRID 01/08-02/04**  
**Littlejohn S SAC SC-326**

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)

**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.)

**34305 Naman T SAC ONLINE 01/08-02/04**

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

**34306 Naman T SAC ONLINE 01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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.

*Prerequisite: 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.*

**34307 Deussenberry J SAC ONLINE 01/08-02/04**

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Low Cost or Free Textbooks

 OER

 ZTC

Honors Courses:

 HONORS

**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.

**H 34308 Trahan Grissom L SAC HYBRID 01/08-02/04**  
**6:00p-8:30p Th 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) On-campus class meetings on Thurs 1/11, 1/18, and 1/25 only.

**O 34309 Lamourelle C SAC ONLINE 01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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 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 34311 Vargas R SAC ONLINE 01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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.

**O 34312 Kimmel M SAC ONLINE 01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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 214, CREATIVE ART EXPERIENCES FOR CHILDREN**

**2.0 UNITS**

Emphasizes the child’s (ages 2 through 8 years) ability to represent and expressively use art media. Includes theoretical as well as practical application and the role of adult in fostering creativity.

**O 34314 Mc Innish A SAC ONLINE 01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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.

**O 34315 Becerra C SAC ONLINE 01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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 34316 Lamourelle C SAC ONLINE 01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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

**COMMUNICATION STUDIES (CMST)****CMST 101, INTRODUCTION TO INTERPERSONAL COMMUNICATION****3.0 UNITS**

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


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

 **20199** **Saterfield K** **SAC ONLINE** **01/08-02/04**

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

 **20202** **Labreau K** **SAC ONLINE** **01/08-02/04**


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 Instructor has elected to use 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.

 **20181** **8:00a-12:35p** **M Tu Th** **Ayala E** **SAC C-202** **01/08-02/04**


 Instructor has elected to use 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.

 **20206** **8:00a-12:35p** **M W F** **Cummings R** **SAC I-103** **01/08-02/04**

 Instructor has elected to use 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.


 **20179** **Labreau K** **SAC ONLINE** **01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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.

 **20180** **Pierce C** **SAC ONLINE** **01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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.

 **20201** **Lockwood L** **SAC ONLINE** **01/08-02/04**

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


 **26502** **Ayala E** **SAC ONLINE** **01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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 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.

 **35516** **Rehm D** **SAC ONLINE** **01/08-02/04**


 Instructor has elected to use 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.

 **35518** **Rehm D** **SAC ONLINE** **01/08-02/04**


 Instructor has elected to use 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**

**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.




 **35519** **Lockwood L SAC ONLINE 01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the 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.*

 **20205** **Pierce C SAC ONLINE 01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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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**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


 **35631** **Quach N SAC ONLINE 01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the 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


 **35696** **Nguyen H SAC ONLINE 01/08-02/04**  
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

**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

 **35686** **Sim J SAC ONLINE 01/08-02/04**  
**6:00p-9:10p M Tu W 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.


**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.


 **35694** **Nguyen H SAC ONLINE 01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the 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**

**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 32793****8:30a-11:40a****M Tu W Th****Gonis Jr A****Staff****SAC ONLINE****SAC ZOOM****01/08-02/04**

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 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.

**O 32794****Huskey J****SAC ONLINE****01/08-02/04**

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

**CRITICAL AND ACADEMIC READING (CAR)****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.*

**O 32980****Colunga M****SAC ONLINE****01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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.

**DANCE (DNCE)****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.

**O 20208****Westergard-Dobson C****SAC ONLINE****01/08-02/04**

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

**DIGITAL MEDIA (DM)****DM 102, HISTORY OF GLOBAL CINEMA****3.0 UNITS**

A survey course exploring global cinema as an art form, and developing appreciation of historical, artistic, and technical advances from the 1890s to the present, with focus on cinema from around the world.

**O 20218****Hall J****SAC ONLINE****01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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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**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.

 **35533** **Taylor M** **SAC ONLINE** **01/08-02/04**


 Fully Online Instruction. Students are required to log in to Canvas by the 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.


 **20221** **Kumar A** **SAC ONLINE** **01/08-02/04**


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**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.

 **20222** **Fitch A** **SAC ONLINE** **01/08-02/04**

 Fully Online Instruction. Students are required to log in to Canvas by the 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.

 **35532** **Synicky C** **SAC ONLINE** **01/08-02/04**

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


**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.

 **34461** **Coyne C** **SAC ONLINE** **01/08-02/04**

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**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.*


 **32991** **Levine M** **SAC ONLINE** **01/08-02/04**


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

 **32993** **Werboff A** **SAC ONLINE** **01/08-02/04**


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**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

**Honors Courses:**

 **HONORS**

**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.*

- **32992** **Levine M** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- **32994** **Do H** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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 (ENGL)**

**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.*

- **32953** **10:00a-2:30p** **M Tu W Th** **Staff** **SAC D-102** **01/08-02/04**
- **32954** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- **32955** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- **32956** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- **32957** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- **32958** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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 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.*

- **32959** **Staff** **SAC ONLINE** **01/08-02/04**  
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.

**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.*

- **32960** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
- **32961** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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**

**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.*

**32962** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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/Chican@/Chicanx/Xicana/Xicano/Xicana/Latin/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.

**32963** **Valles R** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

**32964** **Valles R** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

**32965** **Valles R** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

**32966** **Valles R** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

**FASHION DESIGN MERCHANDISING (FDM)**

**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.*

**33832** **Benson K** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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 114C, 3D DESIGN - SWIMWEAR**

**1.0 UNIT**

This course will teach students how to create a swim bra with underwire and swim bottoms with elastic in Clo3D/Marvelous Designer. This course will cover pattern creation, flattening techniques to create underwire, and seam stitching and puckering details related to swimwear. Students will render the final design and export a tech pack with a schematic render, POM (point of measurements), and a BOM (bill of materials).

**33833** **Benson K** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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 114D, 3D DESIGN - DENIM**

**1.0 UNIT**

This course will teach students how to create a 3D denim bottom garment in Clo3D/Marvelous Designer. This course will cover pattern creation, fabric texture, and seam stitching and puckering details. Students will render the final design and export a tech pack with a schematic render, POM (point of measurements), and a BOM (bill of materials).

**33834** **Benson K** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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**

## 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.

**32995** **Conley J**      **SAC ONLINE**      **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

**32996** **Courter W**      **SAC ONLINE**      **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.*

**32997** **Courter W**      **SAC ONLINE**      **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

## 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.

**32998** **1:00p-4:20p**      **M Tu W Th**      **Deluna D**      **SAC D-103**      **01/08-02/04**

### 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.

**32999** **Staff**      **SAC ONLINE**      **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

**33000** **9:00a-12:20p**      **M Tu W Th**      **Deluna D**      **SAC D-103**      **01/08-02/04**

### 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.

**33001** **Lange M**      **SAC ONLINE**      **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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 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.

**33002** **Staff**      **SAC ONLINE**      **01/08-02/04**  
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**Low Cost or  
Free Textbooks**

 **OER**

 **ZTC**


**Honors Courses:**

 **HONORS**

**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.




 **33003** **Lange M** **SAC ONLINE** **01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**JOURNALISM AND MEDIA STUDIES (JAMS)**

**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.




 **35535** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

**LAW (LAW)**

**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

 **35730** **Smith K** **SAC ONLINE** **01/08-02/04**  
 **6:00p-8:00p** **W 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 ZTC class.

**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.


 **35731** **Staff** **SAC ONLINE** **01/08-02/04**  
 **6:00p-8:00p** **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. There is no additional textbook cost for this ZTC class.


**LAW 299, COOPERATIVE WORK EXPERIENCE EDUCATION - OCCUPATIONAL**


**1.0 - 4.0 UNITS**


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


Open Entry / Open Exit


 **35738** **Valdovinos Alvarez I** **SAC ONLINE** **01/08-02/04**  
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

 **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**

## MATHEMATICS (MATH)


### 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.*

 **34577** **Solheid C** **SAC ONLINE** **01/08-02/04**

 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 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.*

 **34578** **8:00a-12:30p** **M Tu W Th** **Staff** **SAC H-105** **01/08-02/04**

 **34588** **Shahbazian R** **SAC ONLINE** **01/08-02/04**

 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.

 **34589** **Oh S** **SAC HYBRID** **01/08-02/04**

 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. <https://canvas.sac.edu>. There will be no instructional meetings. This class will require in-person proctored exams on 1/18/24 and 2/1/24 from 6:00pm to 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 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.*


 **34590** **Corp R** **SAC ONLINE** **01/08-02/04**


 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**


**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.*

 **34592** **Romero M** **SAC ONLINE** **01/08-02/04**

 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.

 **34593** **McKowan-Bourguignon L** **SAC HYBRID** **01/08-02/04**

 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. <https://canvas.sac.edu>. There will be no instructional meetings. This class will require in-person proctored exams on 1/18/24 and 2/1/24 from 6:00pm to 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 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.*

 **34594** **Everett M** **SAC ONLINE** **01/08-02/04**

 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.

 **34595** **Mishal A** **SAC ONLINE** **01/08-02/04**

 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 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.*

 **34596** **8:00a-12:30p** **M Tu W Th** **Lui R** **SAC L-207** **01/08-02/04**


 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.

 **34597** **Leeds K** **SAC ONLINE** **01/08-02/04**


 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**

 **34598** **Smith S** **SAC ONLINE** **01/08-02/04**  
 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.



 **34599** **Bradley K** **SAC ONLINE** **01/08-02/04**  
 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.

## MEDICAL ASSISTANT (MA)


**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.


 **34157** **8:00a-12:30p** **F** **Emlay C** **SAC ZOOM** **01/13-01/20**  
 Fully online 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 34157 meets for 4.5 hours on 1/13/23 and 1/20/23 From 8:00 AM - 12:30 PM 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.


 **34145** **9:00a-3:00p** **F Sa** **Emlay C** **SAC HYBRID** **01/08-02/04**  
 **Emlay C** **SAC R-307**  
 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 34145 meets for 6.0 hours on 01/26/24 or 01/27/24 in R-307 from 9:00 AM - 3:00 PM. Phlebotomy students will choose one on-campus lab offering in R-307 from 9:00 AM - 3:00 PM for 6 hours and the remaining 7.5 hours lab hours will be completed online in this hybrid course. 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.

 **34146** **Luke B** **SAC ONLINE** **01/08-02/04**  
 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required coursework, [rscdd.instructure.com](https://rscdd.instructure.com).


 **34152** **Jones L** **SAC ONLINE** **01/08-02/04**  
 Online instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work, [rscdd.instructure.com](https://rscdd.instructure.com).

**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.*


 **34154** **Emlay C** **SAC ONLINE** **01/08-02/04**  
 Fully online instruction. Students are required to log in to canvas by the 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**



**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.

**34155** **Seitz C** **SAC ONLINE** **01/08-02/04**  
**4:35p-7:45p** **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.


**MUSIC (MUS)**

**MUS 101, MUSIC APPRECIATION**

**3.0 UNITS**

Designed to increase awareness and appreciation of music from the European classical tradition in relation to general culture and history. Develops basic understanding of musical elements and deepens student's experience of music. Recommended for non-music majors.

**20225** **Jones E** **SAC ONLINE** **01/08-02/04**


 Fully Online Instruction. Students are required to log in to Canvas by the 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 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.

**20226** **Kehlenbach E** **SAC ONLINE** **01/08-02/04**

 Fully Online Instruction. Students are required to log in to Canvas by the 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.

**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.

**20227** **Marr J** **SAC ONLINE** **01/08-02/04**

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

**NUTRITION AND FOOD (NUTR)**

**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.

**32947** **Mathot S** **SAC ONLINE** **01/08-02/04**

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

**32948** **Mathot S** **SAC ONLINE** **01/08-02/04**


Fully Online Instruction. Students are required to log in to Canvas by the 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**


## 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.

 <b>35729</b>		<b>Smith K</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</b>
	<b>6:00p-8:00p</b>	<b>W 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. [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 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.


 <b>35760</b>		<b>Valdovinos Alvarez I</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</b>
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Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

### 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.

 <b>35732</b>		<b>Staff</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</b>
	<b>6:00p-8:00p</b>	<b>Tu 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. [canvas.sac.edu](https://canvas.sac.edu). There will be no instruction on-campus. There is no additional textbook cost for this 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.

 <b>35761</b>		<b>Valdovinos Alvarez I</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</b>
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Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

## 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>33004</b>		<b>Fish Z</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</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>33005</b>		<b>Fish Z</b>	<b>SAC ONLINE</b>	<b>01/08-02/04</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 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.*



-  **33006** **Brocatto C** **SAC ONLINE** **01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the 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 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.






-  **20229** **Marquez P** **SAC ONLINE** **01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.
-  **20230** **Marquez P** **SAC ONLINE** **01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.

**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.







-  **32969** **9:00a-12:20p** **M Tu W Th** **Becker C** **SAC D-106** **01/08-02/04**
-  **32970** **6:00p-9:20p** **M Tu W Th** **Petri M** **SAC D-101** **01/08-02/04**
-  **32967** **Andrade P** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.
-  **32968** **Murphy T** **SAC ONLINE** **01/08-02/04**  
Fully Online Instruction. Students are required to log in to Canvas by the 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.


-  **32971** **8:00a-11:20a** **M Tu W Th** **Pedroza J** **SAC D-434** **01/08-02/04**  
 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.
-  **32972** **Yimenu B** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.
-  **32973** **Castillo R** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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**

**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.



 **32974** **Ortiz R** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.


 **32975** **Ortiz R** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.

 **32977** **Nardi N** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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.


 **32978** **Staff** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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 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.*


 **32979** **Castillo R** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu). There will be no instructional meetings.

**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.


 **32988** **Campbell A** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. [canvas.sac.edu](https://canvas.sac.edu) There will be no instructional meetings.


 **32989** **Torres S** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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 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.


 **32990** **O'Dell R** **SAC ONLINE** **01/08-02/04**  
 Fully Online Instruction. Students are required to log in to Canvas by the 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**

## 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.

**33007** **Aguilar Hernandez G** **SAC ONLINE** **01/08-02/04**

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. Section 18491 has been specifically designed for SPANISH SPEAKERS. This class requires the text "El Mundo 21 hispano" with the electronic code for online lab materials.

**33008** **Galvan J** **SAC ONLINE** **01/08-02/04**

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.

**33010** **Quintero E** **SAC ONLINE** **01/08-02/04**

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.

### 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.

**33009** **Galvan J** **SAC ONLINE** **01/08-02/04**

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.

### 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.*

**33011** **Guerrero-Phlaum M** **SAC ONLINE** **01/08-02/04**

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.

### 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.*

**33012** **Guerrero-Phlaum M** **SAC ONLINE** **01/08-02/04**

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.

## 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.

**35536** **Cannon C** **SAC ONLINE** **01/08-02/04**

Fully Online Instruction. Students are required to log in to Canvas by the 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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**C** **ON-CAMPUS:** On-Campus Instruction – On-campus and in-person with scheduled meeting days and times.

**Low Cost or Free Textbooks**

 **OER**

 **ZTC**

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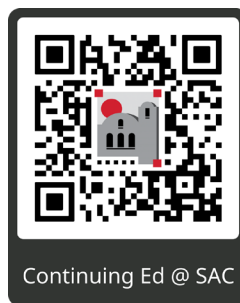
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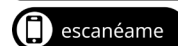
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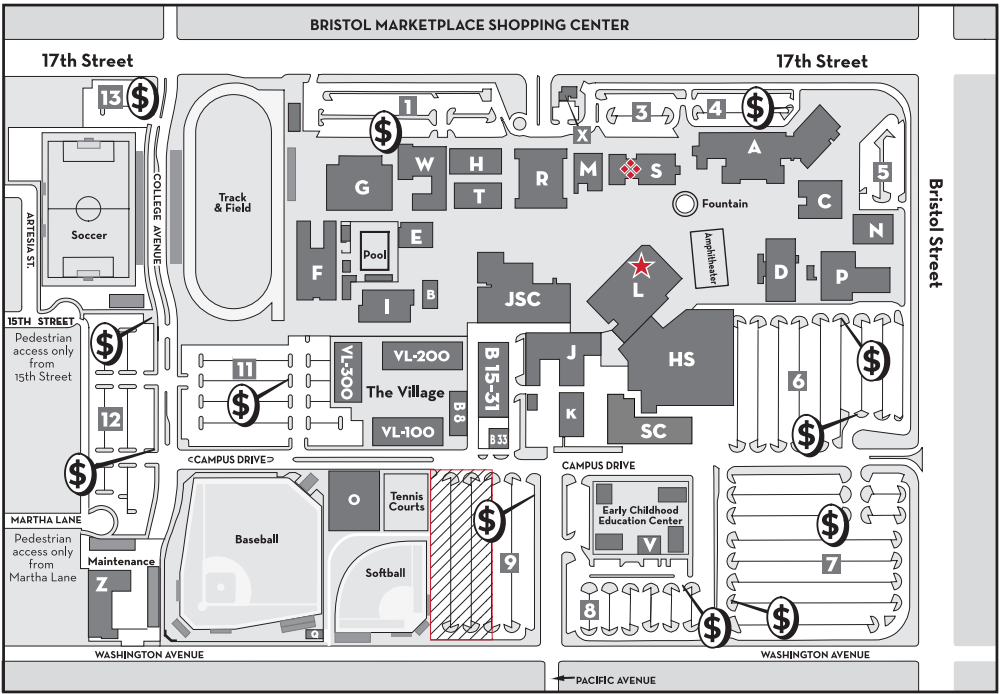


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- PARKING**
- (\$) Daily Permit Dispenser (\$2.00 daily)
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**CAUTION!**  
 Parking in Bristol Marketplace, across the street from Santa Ana College, is not allowed. Violations will result in tow-aways. 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</b>	<b>Cesar Chavez Building</b>		<b>Disabled Students Program (DSPS)</b>	<b>JSC-108</b>	<b>P</b>	<b>Phillips Hall Theatre</b>		
	Academic Computing Center	A-106	EOPS/CARE/CalWORKs	JSC-212	<b>Q</b>	<b>Sports Concession</b>		
	Distance Education	A-101	Financial Aid	JSC-201	<b>R</b>	<b>Russell Hall</b>		
<b>B</b>	<b>Middle College High School</b>		Grab-N-Go	JSC-116	<b>S</b>	<b>Administration Building – First Floor:</b>		
	SAUSD Administration Office	B-10	Guardian Scholars	JSC-215		Admissions / Records	S-101	
	Classrooms (The Village)	VL-300	Health & Wellness Center	JSC-110		Counseling	S-112	
<b>B 8</b>	<b>Adult Education Center Office</b>		International Student Program	JSC-208		Graduation Office	S-104	
<b>B 15 – 31</b>	<b>Adult Education Classrooms</b>		Lactation Room	JSC-110		Promise Program	S-110	
<b>B 33</b>	<b>Adult Education Classrooms</b>		Reprographics	JSC-120		PUENTE Program	S-110	
<b>C</b>	<b>Fine Arts / Art Gallery</b>		(TriO) SSSP Upward Bound	JSC-209		University Transfer Center & Center for Teacher Education	S-110	
<b>D</b>	<b>Dunlap Hall</b>		Student Business Office	JSC-202		<b>Administration Building – 2nd Floor:</b>		
	Honors Program	D-428	Student Life	JSC-102		Community Services Program	S-203	
	Learning Center	D-307	Student Placement	JSC-203		Foundation	S-201	
<b>E</b>	<b>Fitness Center</b>		The Spot	JSC-101		Scholarship Program	S-201	
<b>F</b>	<b>Locker Rooms</b>		<b>K</b>	<b>Welding / Auto Diesel</b>		<b>SC</b>	<b>Science Center</b>	
<b>G</b>	<b>Cook Gym</b>		<b>L</b>	<b>Nealley Library – 1st Floor</b>		<b>T</b>	<b>Technical Arts</b>	
<b>H</b>	<b>Hammond Hall</b>			<b>L Building – 2nd Floor:</b>		<b>V</b>	<b>Early Childhood Education Center</b>	
<b>HS</b>	<b>Health Science</b>			Assessment Center	L-223		Classroom	V-103
<b>I</b>	<b>Classroom Building</b>			Career Center	L-222	<b>VL</b>	<b>The Village</b>	
<b>J</b>	<b>Auto Shop</b>			Math Study Center	L-204		Student Outreach	VL-205
<b>JSC</b>	<b>Johnson Student Center</b>			MESA Program	L-206		Middle College High School Classrooms	VL-300
	Associated Student Government (ASG)	JSC-103	<b>M</b>	<b>Planetarium</b>		<b>W</b>	<b>Kinesiology</b>	
	Bookstore (in Campus Store)	JSC-117		Veterans Resource Center	M-120	<b>X</b>	<b>Security / Safety</b>	
	Cafe -Coffee/Juice Bar	JSC-118	<b>N</b>	<b>Music Building</b>		<b>Z</b>	<b>Maintenance</b>	
	Campus Store/Quick Stop	JSC-117	<b>O</b>	<b>Central Plant</b>				



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### DIGITAL MEDIA CENTER

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[ranchodmc.com](https://ranchodmc.com)

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