

SANTA ANA COLLEGE INTERSESSION 2023

CLASS SCHEDULE

January 3–29, 2023



SANTA ANA COLLEGE
Focused On Your Future

**Enroll at
sac.edu**



PRESIDENT’S MESSAGE



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

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

We recognize that each of you may be at different stages of your life, whether you are a recent high school graduate or a student returning to school after years in the workforce. Going to college is no small feat, but you’re doing it, and 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.

Even though 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.
Santa Ana College President

SANTA ANA COLLEGE MISSION STATEMENT

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

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INTERSESSION 2023 CALENDAR

November 1, 2022 - January	Online registration
December 26, 2022 and January 2, 2023	College is closed for holidays
January 3, 2023	Instruction begins
Add / Drop Deadlines:	See Admissions & Records website for:
	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
January 16, 2023	Martin Luther King Holiday
January 29, 2023	Instruction ends
February 6, 2023	Full Spring semester instruction begins

ADMISSIONS / REGISTRATION HOURS

Check the Admissions & Records Website for latest hours and updates

sac.edu/StudentServices/AdmissionsRecords

- **In-person:** Mon - Thu: 8:00am - 6:45pm, Fri: 8:00am - 4:30pm
- **Phone:** Mon - Thu: 8:00am - 6:45pm, Fri: 8:00am - 4:30pm
- **Live Chat:** Mon - Thu: 8:00am - 12:00pm & 2:00pm - 4:00pm, Fri: 8:00am - 12:00pm & 2:00pm - 4:00pm
sac.craniumcafe.com/group/admissions-/lobby
- **Email us at:** 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. Click on the "Apply" link. After submitting all of your information, you will receive an e-mail confirmation from CCCApply. Within 24 hours, 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 to register for classes.

STEP TWO:

ONLINE REGISTRATION STEPS:

1. Go to 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, 2022 - January 2, 2023
New Students:	November 2, 2022 - January 2, 2023
Special Admit High School Students:	November 4, 2022 - January 2, 2023

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

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 via **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:

\$345.00 PER UNIT IN ADDITION TO THE PER ENROLLMENT FEE FOR NON-RESIDENT STUDENTS. REFER RESIDENCY QUESTIONS TO THE ADMISSIONS OFFICE.

HEALTH FEE:

\$16.00 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, 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 2023 Application become available?**

The application becomes available as of September 01, 2022. Please go to sac.edu to submit your online application.

Where do I apply for the Intersession?

Applications are available online at sac.edu.

How do I enroll for Intersession Classes?

Enroll online via Self-Service at sac.edu, November 1, 2022 – January 2, 2023.

College is closed for Holiday Break, December 26, 2022 – January 2, 2023.

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 2022?

If No: You need to submit an application prior to registering for classes – apply online. 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 • SANTIAGO CANYON COLLEGE sccollege.edu

RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT rsccd.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, rsccd.instructure.com, the first day of classes.
- Students on wait lists must email the instructor the first week of class to be considered for enrollment.
- Verify that your email address is current on [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
- Information regarding online learning, Canvas help and Frequently Asked Questions can be found at our website: 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 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 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 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 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.

 **18805** **Bowman S** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

ACCT 035, QUICKBOOKS I

2.0 UNITS


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

 **18807** **Jarjoura R** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. A Trial version of the QuickBooks (Online version) software will be used in this course and will be provided to students with the textbook for the course. Due to a change by Intuit Education, students must take ACCT 035 before taking ACCT 036. The same QuickBooks online database will be used by ACCT 035 & ACCT 036, therefore assignments in ACCT 035 must be completed before work in ACCT 036 can commence.

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.


 **18808** **Sung L** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

 **18031** **Smith E** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

 **18032** **Arazi H** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

 **18033** **Staff** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.


ANTHROPOLOGY (ANTH)

ANTH 101, INTRODUCTION TO PHYSICAL ANTHROPOLOGY


3.0 UNITS


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


 **18156** **Robertson M** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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

 **ONLINE & ON-CAMPUS MEETINGS:** 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:** On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

**Low Cost or
Free Textbooks**

 **OER**

 **ZTC**

**Honors
Courses:**

 **HONORS**

ANTH 101L, PHYSICAL ANTHROPOLOGY LABORATORY**1.0 UNIT**

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

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

O 18161**Robertson M****ONLINE****01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

C**20169****1:00p-4:35p****M Tu W Th****Spies B****C-104****01/03-01/29****O****20171****Monroe J****ONLINE****01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Instructor has elected to use Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

O**20173****Synicky C****ONLINE****01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

O**20175****Stone L****ONLINE****01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

O**20177****Soriano I****ONLINE****01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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 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**O****20223****Clark S****ONLINE****01/03-01/29**

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

ASTRONOMY (ASTR)**ASTR 109, INTRODUCTION TO THE SOLAR SYSTEM****3.0 UNITS**

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

O**19370****Chakhad M****ONLINE****01/03-01/29**

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

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

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

H ONLINE & ON-CAMPUS MEETINGS: On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

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

C ON-CAMPUS: On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

**Low Cost or
Free Textbooks**

 **OER**

 **ZTC**

**Honors
Courses:**

 **HONORS**

AUTOMOTIVE TECHNOLOGY (AUTO)**AUTO 299, AUTOMOTIVE COOPERATIVE WORK EXPERIENCE****1.0 - 4.0 UNITS**

This work experience course of supervised employment assists students to acquire desirable work habits, attitudes, and skills in automotive mechanical repair. A student can earn 1 to 4 units per semester, up to a maximum of 16 units total. Additionally, students must work 75 paid hours or 60 non-paid hours per unit earned. Student repetition is allowed per Title 5, Section 55253.

Prerequisite: Completion of at least 6 units of Automotive Technology courses with a minimum grade of C.

O 17617**Roper D****ONLINE****01/03-01/29**Students log in to Canvas. canvas.sac.edu**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.

C 19875**8:00a-11:35a****M Tu W Th****Staff****R-128****01/03-01/26****O 19876****Staff****ONLINE****01/03-01/29**

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

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.

C 19877**11:45a-3:20p****M Tu W Th****Staff****SC-218****01/03-01/26****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.

C 19879**9:00a-12:35p****M Tu W Th****Staff****SC-212****01/03-01/26****1:00p-4:35p****M Tu W Th****Staff****SC-212****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

C 19880**Staff****SC-212****01/03-01/26****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.

O 19626**Shweiri G****ONLINE****01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

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

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C **ON-CAMPUS:** On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

**Low Cost or
Free Textbooks**

 **OER**

 **ZTC**

**Honors
Courses:**

 **HONORS**

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

**19628****Solares E****ONLINE****01/03-01/29**

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

**19631****Solares E****ONLINE****01/03-01/29**

Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

BUS 130, PERSONAL FINANCE**3.0 UNITS**

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

Prerequisite: Mathematics N48 with a minimum grade of C or placement into Mathematics 083 according to the Santa Ana College Mathematics Department's placement standards.

**18809****Strong J****ONLINE****01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

**19378****Sim J****ONLINE****01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

**19633****Ursuy C****ONLINE****01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

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

ONLINE & ON-CAMPUS MEETINGS: 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: On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

**Low Cost or
Free Textbooks**

OER

ZTC

**Honors
Courses:**

HONORS

BUSINESS APPLICATIONS (BA)**BA 110, COMPUTER KEYBOARDING SKILLS****0.5 UNIT**

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

 **22278** **Andrus E** **ONLINE** **01/03-01/29**



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

 **22279** **Andrus E** **ONLINE** **01/03-01/29**



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

 **22280** **Andrus E** **ONLINE** **01/03-01/29**



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

BA 146, COMPUTER FUNDAMENTALS**1.5 UNITS**

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

 **18810** **Skaggs T** **HYBRID** **01/03-01/29**

**12:50p-1:40p****M****Skaggs T****A-224**

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

 **18812** **Skaggs T** **HYBRID** **01/03-01/29**

**1:50p-2:40p****M****Skaggs T****A-224**

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

 **18813** **Skaggs T** **HYBRID** **01/03-01/29**


**12:50p-1:40p****Tu****Skaggs T****A-224**


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


 **18814** **Nguyen K** **HYBRID** **01/03-01/29**

**1:50p-2:40p****Tu****Nguyen K****A-224**


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

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

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

 **ONLINE & ON-CAMPUS MEETINGS:** 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:** On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

**Low Cost or
Free Textbooks**

 **OER**

 **ZTC**

**Honors
Courses:**

 **HONORS**

BA 147, MICROSOFT WINDOWS, ONEDRIVE & ONENOTE

1.5 UNITS

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

Software Utilized: Windows 10

H 18815 **12:50p-1:40p** **W** **Luu T** **HYBRID** **01/03-01/29**



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

H 18816 **1:50p-2:40p** **W** **Luu T** **HYBRID** **01/03-01/29**



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

H 18817 **12:50p-1:40p** **Th** **Nguyen K** **HYBRID** **01/03-01/29**



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

H 18819 **1:50p-2:40p** **Th** **Nguyen K** **HYBRID** **01/03-01/29**



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

BA 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

O 18820 **Morgan A** **ONLINE** **01/03-01/29**

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

O 18821 **Luu T** **ONLINE** **01/03-01/29**



Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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

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

H ONLINE & ON-CAMPUS MEETINGS: On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

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

C ON-CAMPUS: On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

**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

	18822	Staff	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.



	18174	Pratt C	ONLINE	01/03-01/29
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CHEM 209, INTRODUCTORY CHEMISTRY

4.0 UNITS

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

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

	18178	9:00a-12:35p	M Tu W Th	McAdam J	SC-308	01/03-01/29
		1:00p-4:35p	M Tu W Th	McAdam J	SC-326	
	18179			Littlejohn S	HYBRID	01/03-01/29
		8:00a-11:35a	M Tu W Th	Littlejohn S	SC-326	

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	Pierce C	ONLINE	01/03-01/29
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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 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.

	20202	Labreau K	ONLINE	01/03-01/29
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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 There will be no instructional meetings. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

CMST 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-1:10p	M Tu Th	Ayala E	C-207	01/03-01/29
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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.





	20206	8:00a-1:10p	M W F	Cummings R	I-103	01/03-01/29
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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.




 **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**

-  **20179** **Rehm D** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.
-  **20180** **Rehm D** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.
-  **20201** **Lockwood L** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

-  **20183** **Rehm D** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Instructor  has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

CMST 140, ARGUMENTATION AND DEBATE 3.0 UNITS

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



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

-  **20204** **Lockwood L** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Instructor  has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

CMST 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** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

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


-  **19393** **Quach N** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.


CMPR 101, PROGRAMMING SURVEY 0.5 UNIT


This survey course introduces students to C programming language. Students will code, compile and execute programs that control hardware. Students will be learning the input-process-output (IPO) model, a widely used approach in systems analysis and software engineering, that receives inputs from a user or other source, does computations on the inputs, and returns the results of the computations.

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|-----------------------------------------------------------------------------------|--------------|--------------|---|----------------|-------|--------------------|
|  | 19603 | 9:00a-12:00p | F | Quach N | A-215 | 01/06-01/20 |
| | | 9:00a-12:00p | F | Quach N | A-215 | |

This class meets on-campus.

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

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

 **ONLINE & ON-CAMPUS MEETINGS:** 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:** On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

**Low Cost or
Free Textbooks**

 **OER**

 **ZTC**


**Honors
Courses:**

 **HONORS**

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

	19394	Nguyen H	ONLINE	01/03-01/29
Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.				

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.


	19607	Nguyen H	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.				

COUNSELING (CNSL)

CNSL 100, LIFELONG UNDERSTANDING AND SELF DEVELOPMENT 2.0 UNITS

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


	21413	9:00a-1:15p	Tu Th	Staff	I-108	01/03-01/29
	21412			Staff	ONLINE	01/03-01/29


 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

CNSL 116, CAREER/LIFE PLANNING AND PERSONAL EXPLORATION 3.0 UNITS


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

Material Fee(s): \$16.00

	21415	9:00a-1:15p	Tu W Th	Staff	I-101	01/03-01/29
	21416			Staff	ONLINE	01/03-01/29



 Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Your instructor has elected to use Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

	21418			Staff	ONLINE	01/03-01/29
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 Material Fee: \$16.00 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

CNSL 144, REASONING AND PROBLEM SOLVING 3.0 UNITS


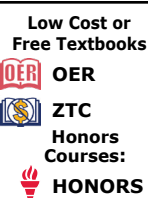







The nature of critical thinking, models and strategies; common fallacies of reasoning, self-regulation in the thinking process; application of critical thinking to complex issues of life.

	21421	9:00a-1:15p	Tu W Th	Staff	I-202	01/03-01/29
	21423			Staff	ONLINE	01/03-01/29

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

	21425			Staff	ONLINE	01/03-01/29
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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 There will be no instructional meetings.

	ONLINE: Fully Online Instruction - Time-flexible online course with no scheduled meeting times	 <p>Low Cost or Free Textbooks</p> <p> OER</p> <p> ZTC</p> <p>Honors Courses:</p> <p> HONORS</p>
	FULLY ONLINE LIVE: Fully Online Live Instruction - Live streaming instruction via Zoom	
	ONLINE & ON-CAMPUS MEETINGS: On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction	
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	ON-CAMPUS: On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction	

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 17620

8:30a-11:40a

M Tu W Th

Gonis Jr A

Gonis Jr A

ONLINE

ZOOM

01/03-01/29

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. There will be no instruction on-campus.

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 21st Century. Emphasizes the contemporary dance heritage of the United States.

O 20208

Westergard-Dobson C

ONLINE

01/03-01/29

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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

ONLINE

01/03-01/29

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

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.

O 20221

Kumar A

ONLINE

01/03-01/29

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

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.

O 20222

Clark S

ONLINE

01/03-01/29

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

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.

O 18242

Levine M

ONLINE

01/03-01/29

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

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

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Low Cost or
Free Textbooks

 **OER**

 **ZTC**

**Honors
Courses:**

 **HONORS**

O 18243 **Werboff A** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

ECON 121, PRINCIPLES/MICRO **3.0 UNITS**
Introduction to microeconomics, including basic economic concepts, analysis of markets, efficiency, consumer and firm behavior, industry structures, market failure, and resource markets. For economics, business, and certain engineering and computer science majors.

Prerequisite: Mathematics 060 or Mathematics 083 or Mathematics 084 with a minimum grade of C.

O 18245 **Allen M** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

O 18246 **Do H** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

ENGINEERING (ENGR)

ENGR 101, PROGRAMMING SURVEY **0.5 UNIT**
This survey course introduces students to C programming language. Students will code, compile and execute programs that control hardware. Students will be learning the input-process-output (IPO) model, a widely used approach in systems analysis and software engineering, that receives inputs from a user or other source, does computations on the inputs, and returns the results of the computations.

C 19605 **9:00a-12:00p** **F** **Quach N** **A-215** **01/06-01/20**
9:00a-12:00p **F** **Quach N** **A-215**

This class meets on-campus.

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.*

C 18034 **10:00a-3:05p** **M Tu W Th** **Martinez Guzman D** **D-102** **01/03-01/29**

O 18036 **Higgins C** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

O 18037 **Rocke B** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

O 18038 **Simmerman S** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

O 18039 **Ramshaw C** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.*

O 18040 **Diller J** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

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**Honors
Courses:**

 **HONORS**

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.

	18060	Beyersdorf M	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.				

	18061	Villa B	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.				

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.

	18062	Axtell C	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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/Xicanx/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.

	18071	Valles R	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.				

	18075	Valles R	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.				


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.


	18236	Benson K	ONLINE	01/03-01/29
Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu				


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).


	18237	Benson K	ONLINE	01/03-01/29
Fully Online Instruction. No on-campus meeting times. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu				

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**Honors
Courses:**

 **HONORS**

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).

O 18238

Benson K

ONLINE

01/03-01/29

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

FRENCH (FREN)

FREN 101, ELEMENTARY FRENCH 1

5.0 UNITS

A college level French course focusing on fundamentals of pronunciation and grammar, basic vocabulary (including common idioms), simple conversation and composition. Supplementary cultural readings. French 101 is equivalent to two years of high school French.

VH 18490

Nabulsi A

ONLINE

01/03-01/29

4:25p-6:55p

W

Nabulsi A

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. There will be no instruction on-campus. This section has 4 mandatory Zoom meetings on Wednesdays, 1/4, 1/11, 1/18, and 1/25 from 4:25 - 6:55 p.m.

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.

O 18241

Conley J

ONLINE

01/03-01/29

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

O 18239

Courter W

ONLINE

01/03-01/29

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

O 18240

Courter W

ONLINE

01/03-01/29

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

O 18172

Staff

ONLINE

01/03-01/29

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

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.

O 18175

Staff

ONLINE

01/03-01/29

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

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

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.

C 18176 9:00a-12:35p M Tu W Th Deluna D D-305 01/03-01/29

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.

C 18232 1:00p-4:35p M Tu W Th Deluna D D-302 01/03-01/29

O 18231 Lange M ONLINE 01/03-01/29

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

O 18234 Ramirez A ONLINE 01/03-01/29

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

HIST 127, WOMEN IN U.S. HISTORY

3.0 UNITS

Women of European, African, Native, Hispanic, and Asian backgrounds examined in U.S. 1607-present. Emphasis on individuation, social status, family, reproduction, child care, slavery, jobs, and political activism. Legal impact and theories of patriarchal oppression raised.

O 18235 Lange M ONLINE 01/03-01/29

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

KINESIOLOGY FITNESS (KNFI)

KNFI 147A, BEGINNING WEIGHT TRAINING

1.0 UNIT

Introductory instruction in basic weight lifting concepts and experiential practice in large muscle area development utilizing guided and free weights. Development will be in muscle size or tone and strength or endurance. This course is offered as a half unit or one unit class and may not be repeated.

C 18517 5:30p-7:20p M Tu W Th F Ross M G-120 01/03-01/27

KNFI 147B, INTERMEDIATE WEIGHT TRAINING

1.0 UNIT

This course is designed for students to increase their knowledge and skills competence in large muscle area development utilizing free weights. Individualized exercise programs are designed to teach students intermediate level strategies and techniques. Development will be in muscle size or tone and strength or endurance. This course is offered as a half unit or one unit class and may not be repeated.

Prerequisite: Kinesiology Fitness 147A with a minimum grade of C

C 18518 5:30p-7:20p M Tu W Th F Ross M G-120 01/03-01/27

KINESIOLOGY HEALTH EDUCATION (KNHE)

KNHE 101, HEALTHFUL LIVING

3.0 UNITS

A comprehensive look at factors that impact people's health, longevity and lifetime wellness designed for honors students. Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include nutrition, exercise, weight control, mental health, stress management, violence, substance abuse, reproductive health, disease prevention, aging, healthcare, and environmental hazards and safety.

O 18568 Breig D ONLINE 01/03-01/29

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

KNHE 102, WOMEN'S HEALTH ISSUES

3.0 UNITS

An investigation into traditional and holistic health topics with a special emphasis on women's issues, considering all aspects and concepts of social and political influences, nutrition and fitness, relationships, sexuality, reproductive issues, and careers. Through analysis of these topics, students apply methods to healthy lifestyle choices.

O 18570 Nutter K ONLINE 01/03-01/29

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

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Low Cost or Free Textbooks

 **OER**

 **ZTC**

Honors Courses:

 **HONORS**

KNHE 108, STRESS MANAGEMENT

3.0 UNITS

This course examines productive and nonproductive stress and the influence of various types of stress on health and wellness. Topics include the physiological aspects of stress and its effects on health, assessments of personal coping style, strategies for coping effectively with stress, relaxation techniques, mindful awareness, and positive self-talk. Emphasis is placed on practical application of stress management techniques in daily life. (CSU) (UC Credit Limitation) (Degree Credit) AA GE, CSU GE

	18580	Baquero J	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.				

KINESIOLOGY INTERCOLLEGIATE ATHLETICS (KNIA)

KNIA 128, CONDITIONING FOR ATHLETES

0.5 UNIT

An exercise program designed for athletes who participate in intercollegiate sports. Emphasis will be on the development of speed, endurance, flexibility, and strength. This course is offered as a half-unit or one-unit class.

	18573	1:00p-2:50p	M Tu W Th F	Nilles T	G-115	01/03-01/27
	18575	1:00p-2:50p	M Tu W Th F	Ross M	G-120	01/03-01/27
	19148	1:00p-2:50p	M Tu W Th F	Mitzel M	G-113	01/03-01/27

KNIA 128, CONDITIONING FOR ATHLETES

1.0 UNIT



An exercise program designed for athletes who participate in intercollegiate sports. Emphasis will be on the development of speed, endurance, flexibility, and strength. This course is offered as a half-unit or one-unit class.

	18577	2:00p-4:50p	M Tu W Th F	Abbey T	W-107	01/03-01/27
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KNIA 235, SPEED AND AGILITY

1.0 UNIT

This class includes instruction on linear speed, non-linear speed, and jumping ability using state of the art plyometric training and speed specific training tools. This course is offered as a half-unit or one-unit class.

	18526	2:30p-4:50p	M Tu W Th	White A	G-114	01/03-01/26
	18530	2:30p-4:50p	M Tu W Th	Nysen A	G-114	01/03-01/26

KINESIOLOGY PROFESSIONAL (KNPR)

KNPR 165, THEORY OF SOFTBALL

2.0 UNITS

A general overview of rules, regulations, strategies, mental preparation, skill evaluation, and the history of the sport of softball. Includes strategies and winning techniques of the game.

	18578	3:00p-4:50p	M Tu W Th F	Ross M	F-102	01/03-01/27
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KNPR 170, SPORT ETHICS

3.0 UNITS

A class designed to examine ethics, moral questions, and value judgements related to sport. Its approach allows students to follow and analyze ethical arguments, think through philosophical issues, and apply them to the artistic expression of sport as well as everyday life.

	18531	Luppani M	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.				

KNPR 217, THEORY OF BASKETBALL

2.0 UNITS

This course provides instruction for the competitive basketball player. Topics to include techniques and strategies of basketball, different types of defense and offensive patterns. Emphasis will be placed on the mental aspect of basketball, team play, biomechanics, and film study at a competitive level.

	18565	4:00p-5:50p	M Tu W Th F	Luppani M	G-105	01/03-01/27
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KNPR 218, SPORT PSYCHOLOGY APPLICATIONS - BASKETBALL


2.0 UNITS


This class provides advanced mental training to improve basketball performance. Theories, strategies, and best practices include; mental set, arousal and performance, mental imagery, and motivation as they pertain to preparing for basketball competition. Students will develop necessary knowledge and skills to prepare for intercollegiate competition as well as self-assess readiness for transfer and the selection of transfer program.

Open Entry / Open Exit

	18563	2:00p-3:50p	M Tu W Th F	Breig D	G-105	01/03-01/27
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**Honors
Courses:**

 **HONORS**

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

VH 22270

Smith K

ONLINE

01/03-01/29



6:00p-8:00p

W Th

Smith K

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. There will be no instruction on-campus. Instructor has elected to use 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.

VH 19720

Sauber D

ONLINE

01/03-01/29

6:00p-10:00p

Tu Th

Sauber D

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. There will be no instruction on-campus.

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

O 19649

Smith K

ONLINE

01/03-01/29

Mandatory orientation meeting with the instructor. Instructor will contact the student to arrange a virtual meeting during the first week of class.

MATHEMATICS (MATH)

MATH 084, BEGINNING AND INTERMEDIATE ALGEBRA

6.0 UNITS

A combined course in algebra that includes systems of equations: inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions, and problem solving.

O 18951

TBA

McKowan-Bourguignon L ONLINE

01/03-01/29

Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28.

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.

O 18952

TBA

Mishal A

ONLINE

01/03-01/29



Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

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C ON-CAMPUS: On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

Low Cost or
Free Textbooks

OER

ZTC

Honors
Courses:

HONORS

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.

	18953	8:00a-1:05p	M Tu W Th	Staff	H-105	01/03-01/26
	18954	TBA		Vu D	ONLINE	01/03-01/29



Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

MATH 162, TRIGONOMETRY

4.0 UNITS

Angles and their measurement, trigonometry functions and their applications, including vector problems. Use of trigonometric identities. Graphing the basic functions and variations, solving trigonometric equations. Graphing using polar coordinates, and use of complex numbers.

Prerequisite: Mathematics 140 with a minimum grade of C or equivalent skills as measured by placement into Math 162 according to the Santa Ana College Math Department's placement standards.

	19324	TBA	Oh S	ONLINE	01/03-01/29
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Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

MATH 180, SINGLE VARIABLE CALCULUS I

4.0 UNITS

Limits and continuity, derivatives and integrals of algebraic, trigonometric, and other transcendental functions. Applications including extrema tests, related rates, and areas.

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.

	19325	TBA	Everett M	ONLINE	01/03-01/29
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Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

	19326	TBA	Romero M	ONLINE	01/03-01/29
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Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

MATH 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.

	19327	TBA	Ro K	ONLINE	01/03-01/29
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Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28.

 **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

 **ONLINE & ON-CAMPUS MEETINGS:** 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

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Low Cost or Free Textbooks

 **OER**

 **ZTC**



Honors Courses:

 **HONORS**

MATH 219, STATISTICS AND PROBABILITY

4.0 UNITS

Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology. *Prerequisite: Mathematics 083 or Mathematics 084 with a minimum grade of C or equivalent skills as measured by placement into Mathematics 219 according to the Santa Ana College Math Department's placement standards.*

	19328	8:00a-1:05p	M Tu W Th	Lui R	L-207	01/03-01/26
	19330	TBA		Tolentino J	ONLINE	01/03-01/29



Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

	19331	TBA		Shahbazian R	ONLINE	01/03-01/29
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Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

	19332	TBA		Corp R	ONLINE	01/03-01/29
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Fully Online Instruction with in-person exams. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu. There will be no instructional meetings. This class will require in-person proctored exams at selected time windows during the following time periods: 01/12 - 01/14, 01/26 - 01/28. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

MEDICAL ASSISTANT (MA)

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.

	18630	9:00a-3:00p	F Sa	Emley C	HYBRID	01/03-01/29
				Emley C	R-307	

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. This course meets for 6.0 hours on either 1/27/23 or 1/28/23 in R-307 of Russell Hall from 9:00AM-3:00PM. 1.5 hours to be arranged. There is no additional textbook cost for this ZTC class.

MA 051A, BEGINNING MEDICAL TERMINOLOGY

3.0 UNITS

Introduction to medical terms including structural analysis of prefixes, combining form/roots, and suffixes. Emphasis on terms related to anatomy, physiology, diagnostic tests and pathology of the digestive, renal-urinary, and reproductive systems. Also, terms related to pregnancy and the newborn.

	18631			Luke B	ONLINE	01/03-01/29
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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 There will be no instructional meetings.

	18632			Emley C	ONLINE	01/03-01/29
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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 There will be no instructional meetings.

MA 051B, ADVANCED MEDICAL TERMINOLOGY









3.0 UNITS

Continuation of MA 051A. Includes medical terms related to anatomy, physiology, diagnostic tests and pathology of the nervous, cardiovascular, respiratory, circulatory, musculoskeletal, skin, sensory, and the endocrine systems.

MA 051A: Medical Assistant 051A with a minimum grade of C.

	18633			Emley C	ONLINE	01/03-01/29
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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 There will be no instructional meetings.

	ONLINE: Fully Online Instruction - Time-flexible online course with no scheduled meeting times	<div> <div>Low Cost or Free Textbooks</div> <div> OER</div> <div> ZTC</div> <div>Honors Courses:</div> <div> HONORS</div> </div>
	FULLY ONLINE LIVE: Fully Online Live Instruction - Live streaming instruction via Zoom	
	ONLINE & ON-CAMPUS MEETINGS: 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: On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction	

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.

VH 18635

4:35p-7:45p

Tu

Seitz C

Seitz C

ONLINE

ZOOM

01/03-01/29

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. 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.

O 20225

Jones E

ONLINE

01/09-01/29

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

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.

O 20226

Kehlenbach E

ONLINE

01/03-01/29

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

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.

O 20227

Marr J

ONLINE

01/03-01/29

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

O 17953

Mathot S

ONLINE

01/03-01/29

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

O 17954

Mathot S

ONLINE

01/03-01/29

Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

VH 22269 **Smith K** **ONLINE** **01/03-01/29**
6:00p-8:00p **W Th** **Smith K** **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. There will be no instruction on-campus. Instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

PARA 101, LAW OFFICE MANAGEMENT

2.0 UNITS

Structure and procedures of the law office. Emphasis on time management, the role of paralegals and paralegal administrators in the law office, ethics in the law office, client property regulations, time keeping and billing, and technology management in a law office.

O 22257 **Williamson K** **ONLINE** **01/03-01/29**



Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

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.

O 19652 **Smith K** **ONLINE** **01/03-01/29**

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.

VH 19721 **Sauber D** **ONLINE** **01/03-01/29**

6:00p-10:00p **Tu Th** **Sauber D** **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. There will be no instruction on-campus.

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.

19722 **Smith K** **01/03-01/29**

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

PHILOSOPHY (PHIL)

PHIL 106, INTRODUCTION TO PHILOSOPHY

3.0 UNITS

A survey of historical and contemporary ideas on how to live the good life.


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|  | 18248 | Fish Z | ONLINE | 01/03-01/29 |
| Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. | | | | |
|  | 18249 | Fish Z | ONLINE | 01/03-01/29 |
| Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. | | | | |

PHIL 110, CRITICAL THINKING

4.0 UNITS

College-level critical thinking and writing. Promotes self-awareness, independent thinking, and improved academic expression. Examines philosophical methods of reasoning and composition, and the uses of informal logic and criticism in personal life, college, work, and democratic society.

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



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|  | 18251 | Brocatto C | ONLINE | 01/03-01/29 |
| Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.





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|  | 20229 | Marquez P | ONLINE | 01/03-01/29 |
| Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. | | | | |
|  | 20230 | Marquez P | ONLINE | 01/03-01/29 |
| Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

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|  | 18001 | 9:00a-12:35p | M Tu W Th | Becker C | D-101 | 01/03-01/29 |
|  | 18002 | 6:00p-9:35p | M Tu W Th | Petri M | D-101 | 01/03-01/29 |
|  | 17999 | | | Andrade P | ONLINE | 01/03-01/29 |
| Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. | | | | | | |
|  | 18000 | | | Murphy T | HYBRID | 01/03-01/29 |
| | | 5:30p-6:55p | Tu | Murphy T | 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 . There will be no instruction on-campus. | | | | | | |

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 **ZTC**

**Honors
Courses:**



 **HONORS**



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.

 **18004** **8:00a-11:35a** **M Tu W Th** **Pedroza J** **D-434** **01/03-01/29**
 Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.



 **18005** **Yimenu B** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.



 **18008** **Castillo R** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.

PSYC 160, INTRODUCTION TO LIFESPAN PSYCHOLOGY

3.0 UNITS

Introduction to human development from a psychological perspective. Explores human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, personality, and social development are examined from classical and contemporary perspectives. Attention will also be given to both normative and non-normative development.

 **18011** **Ortiz R** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

 **18014** **Ortiz R** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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 200, INTRODUCTION TO BIOLOGICAL PSYCHOLOGY

3.0 UNITS

Explores relationships between physiological structures of the body and human behavior. Focuses on the organization and function of the brain, spinal cord, peripheral nervous system, glands, sensory and perceptual systems. Relates physiological functioning to motivated behavior, addiction, and psychological disorders.


 **18017** **Nardi N** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.


 **18025** **Castillo R** **ONLINE** **01/03-01/29**
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.

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**Honors
Courses:**

 **HONORS**

READING (READ)

READ 150, CRITICAL READING

3.0 UNITS

This course addresses the relationship between critical reading and critical thinking, including emphasis on the development of critical reading and thinking skills that facilitate the interpretation, analysis, criticism, and advocacy of ideas encountered in academic reading.

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


	18029	Colunga M	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. 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.

	18166	8:00a-11:20a	M Tu W Th	Campbell A	ZOOM	01/03-01/29
Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. canvas.sac.edu . There will be no instruction on-campus. Your instructor has elected to use Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.						



	18168	6:00p-9:20p	M Tu W Th	Torres S	D-105	01/03-01/29
Your instructor has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this ZTC class.						

SOC 112, RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS

3.0 UNITS

In-depth examination of the process of developing intimate relationships leading to committed partnerships and marriages with emphasis on effective communication techniques, understanding relationship dynamics, parenting, diverse family systems and overcoming family stressors at each life stage.


	18170	O'Dell R	ONLINE	01/03-01/29
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings.				


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.


	18491	Aguilar Hernandez G	ONLINE	01/03-01/29
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 . 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.				

	18493	Galvan J	ONLINE	01/03-01/29
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 . There will be no instructional meetings. This class requires the text "Puntos de partida" with the electronic code for online lab materials.				

	18514	Quintero E	HYBRID	01/03-01/29
	4:25p-6:55p	Tu	Quintero E	D-305
Hybrid (H) On-Campus Hybrid Instruction. This class combines scheduled on-campus meetings with 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 . This section has 4 mandatory on-campus meetings on Tuesdays, 1/3, 1/10, 1/17, and 1/24 from 4:25 -6:55 p.m. This class requires the text "Puntos de partida" with the electronic code for online lab materials.				

 **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

 **ONLINE & ON-CAMPUS MEETINGS:** 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:** On-Campus Hybrid Instruction - A combination of on-campus meetings and online instruction

Low Cost or
Free Textbooks

 **OER**

 **ZTC**


Honors
Courses:

 **HONORS**

SPAN 101H, HONORS ELEMENTARY SPANISH I

5.0 UNITS

Enhanced and intensive practice and integration of pronunciation, grammar, vocabulary, common idioms, listening, speaking, reading, and writing techniques for the expression of ideas orally and in writing. Enriched introduction of Hispanic culture. Note: Some sections are designated for Spanish speakers. Spanish 101H is equivalent to two years of high school Spanish.


 **18494** **Galvan J** **ONLINE** **01/03-01/29**
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. 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.


 **18615** **Guerrero-Phlaum M** **ONLINE** **01/03-01/29**
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. 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.



 **18616** **Guerrero-Phlaum M** **ONLINE** **01/03-01/29**
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. 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.

 **20231** **Cannon C** **ONLINE** **01/03-01/29**
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. canvas.sac.edu There will be no instructional meetings. Instructor  has elected to use Open Educational Resources (OER) for this class and will provide a link to your course materials. There is no additional textbook cost for this Zero Textbook Cost (ZTC) class.

THEA 140A, THEATRE PERFORMANCE

2.0 UNITS

An introduction to theatre performance emphasizing acting technique, theatre vocabulary, and creative individual expression. Students learn the process of presenting a role on stage. Prepares the student for Theatre Performance 140B. All actors must audition and be cast prior to enrolling.


 **20232** **Chamberlain A** **P-105** **01/03-01/29**
72 hours arranged per semester. All actors must audition and be cast prior to enrolling. To receive more information and sign up for auditions, email Sara Turner at turner_sara@sac.edu


THEA 140B, THEATRE PERFORMANCE II


2.0 UNITS


Continued study in theatre performance emphasizing acting technique, theatre vocabulary, and creative individual expression. Students perfect the process of presenting a role on stage. Theatre Arts 140B is a continuation and refinement of the work begun during Theatre Arts 140A. All actors must audition and be cast prior to enrolling.

Prerequisite: Theatre Arts 140A with a minimum grade of C and audition.


 **20233** **Chamberlain A** **P-105** **01/03-01/29**
72 hours arranged per semester. All actors must audition and be cast prior to enrolling. To receive more information and sign up for auditions, email Sara Turner at turner_sara@sac.edu

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

**Low Cost or
Free Textbooks**

 **OER**

 **ZTC**

**Honors
Courses:**

 **HONORS**

THEA 140C, THEATRE PERFORMANCE III

2.0 UNITS

Provides the continuing theatre performance student opportunity to concentrate on more advanced acting methods and development of technique. Emphasizes the development of the individual actor's performance style connecting the voice and body with the emotional life of a character. All actors must audition and be cast prior to enrolling.

Prerequisite: Theatre Arts 140B with a minimum grade of C and audition.

C	20235	Chamberlain A	P-105	01/03-01/29
72 hours arranged per semester. All actors must audition and be cast prior to enrolling. To receive more information and sign up for auditions, email Sara Turner at turner_sara@sac.edu				

THEA 140D, THEATRE PERFORMANCE IV

2.0 UNITS

Continuing study of acting technique including more complicated methodology and advanced script material. Emphasizes the combination of the individual actor's performance style with the demands of the professional theatre arena. All actors must audition and be cast prior to enrolling.

Prerequisite: Theatre Arts 140C with a minimum grade of C.

C	20236	Chamberlain A	P-105	01/03-01/29
72 hours arranged per semester. All actors must audition and be cast prior to enrolling. To receive more information and sign up for auditions, email Sara Turner at turner_sara@sac.edu				



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Free Textbooks**



OER



ZTC

**Honors
Courses:**



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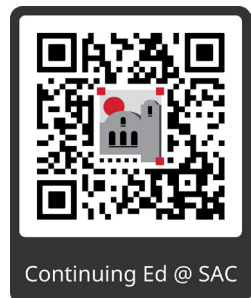
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SANTA ANA COLLEGE

School of Continuing Education



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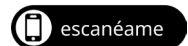
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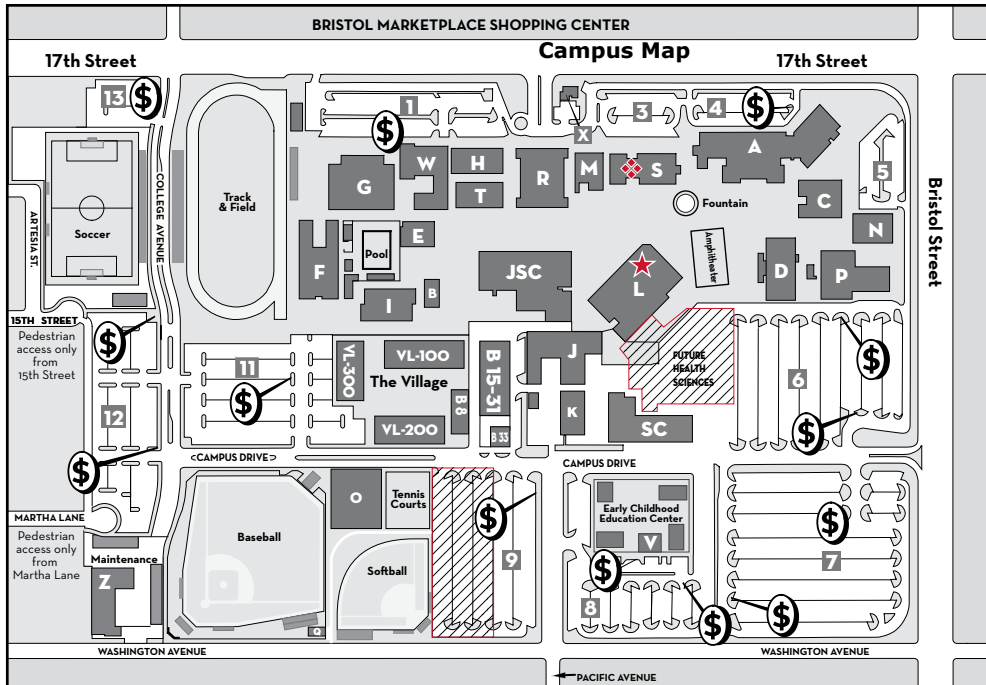


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School of Continuing Education



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PARKING

Daily Permit Dispenser (\$2.00 for 8 hours)

1	STAFF
2	SECURITY
3	VISITOR
4 - 5	STAFF
6 - 13	STUDENT (except as posted)

CAUTION!

Parking in Bristol Marketplace, across the street from Santa Ana College, is not allowed. Violations will result in tow-aways. RSCCD requires parking permits for student and staff lots at Santa Ana College and Santiago Canyon College. **Semester Parking** Permits may be purchased at time of registration for \$30.00 in the Student Business Office in the Johnson Student Center (JSC-202) at Santa Ana College, as well as in the Cashier's Office at Santiago Canyon College. The purchase of your permit funds parking services and vehicle security when parked on campus.

Denotes "Closed for Construction"
 Student Help Desk - Inside Nealley Library
 Student Resource Desk: S-Building Lobby

SAC FACILITIES AND LOCATIONS

A Cesar Chavez Building		EOPS/CARE/CalWORKs	JSC-212	Q Sports Concession	
Academic Computing Center	A-106	Financial Aid	JSC-201	R Russell Hall	
Distance Education	A-101	Grab-N-Go	JSC-116	S Administration Building – First Floor:	
B Middle College High School		Guardian Scholars	JSC-215	Admissions / Records	S-101
SAUSD Administration Office	B-10	Health & Wellness Center	JSC-110	Counseling	S-112
Classrooms (The Village)	VL-300	International Student Program	JSC-208	Graduation Office	S-104
B 8 Adult Education Center Office		Lactation Room	JSC-110	Promise Program	S-110
B 15 – 31 Adult Education Classrooms		Reprographics	JSC-120	PUENTE Program	S-110
B 33 Adult Education Classrooms		SSSP (TRiO) Upward Bound	JSC-209	University Transfer Center & Center for Teacher Education	S-110
C Fine Arts / Art Gallery		Student Business Office	JSC-202	Administration Building – 2nd Floor:	
D Dunlap Hall		Student Life	JSC-102	Community Services Program	S-203
Honors Program	D-428	Student Placement	JSC-203	Foundation	S-201
Learning Center	D-307	The Spot	JSC-101	Scholarship Program	S-201
E Fitness Center		K Welding / Auto Diesel		Student Outreach	S-213
F Locker Rooms		L Nealley Library – 1st Floor		SC Science Center	
G Cook Gym		L Building – 2nd Floor:		T Technical Arts	
H Hammond Hall		Assessment Center	L-223	V Early Childhood Education Center	
I Classroom Building		Career Center	L-222	Classroom	V-103
J Auto Shop		Math Study Center	L-204	VL The Village	
JSC Johnson Student Center		MESA Program	L-206	Middle College High School Classrooms	VL-300
Associated Student Government (ASG)	JSC-103	M Planetarium		W Kinesiology	
Bookstore (in Campus Store)	JSC-117	Veterans Resource Center	M-120	X Security / Safety	
Cafe -Coffee/Juice Bar	JSC-118	N Music Building		Z Maintenance	
Campus Store/Quick Stop	JSC-117	O Central Plant			
Disabled Students Program (DSPS)	JSC-108	P Phillips Hall Theatre			

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Contact us @ (714) 564-6725 or sac_disted@sac.edu

Distance Education Office - Cesar Chavez Building, Room A-101



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1300 South Bristol Street
Santa Ana, CA 92708
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**ORANGE COUNTY SHERIFF'S
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