



Santiago Canyon College

What happens here matters.

Summer CLASSES

2022





Santiago Canyon College

What happens here matters.

schedule of classes **SUMMER 2022**



Message from the President



Kudos to you for planning to enroll in SCC's excellent summer session!

The summer term is the perfect time to get ahead in your educational goals. The SCC summer schedule includes a wide array of core courses to help you stay on track in your program of choice, while also providing you a good mix of electives to offer the course diversity you need.

SCC is proud to provide a safe and inclusive environment that promotes respect and dignity, identifies and eliminates barriers to learning, and creates equitable outcomes for all students. By enrolling at SCC, you become part of a campus enriched by students with unique ideas, values, beliefs, experiences, and identities that strengthen our college community.

At SCC we are committed to increasing the number of in-person, on-campus classes and services while we remain committed to combat the spread of COVID-19. At SCC, we believe that what happens here matters and that every course, every lecture, every encounter, and every achievement will prepare you to succeed in your future endeavors.

Dr. Pamela Ralston

President

SUMMER 2022 SESSION DATES

4-week Summer:

- June 13–July 9
- July 11–August 7

8-week Summer:

- June 13–August 7

HOLIDAYS:

Colleges are closed July 4 (Independence Day Observed)

A complete list of current classes is available online at www.sccollege.edu

RSCCD BOARD OF TRUSTEES

Dr. Tina Arias Miller, President • David Crockett, Vice President • Sal Tinajero, Clerk • John Hanna • Zeke Hernandez
Lawrence "Larry" R. Labrado • Phillip Yarbrough • Elisabeth Neely, Student Trustee

CHANCELLOR: Marvin Martinez • PRESIDENT, SANTIAGO CANYON COLLEGE: Pamela Ralston, Ph.D.

HOW TO APPLY AND REGISTER

STEP ONE:

To apply to Santiago Canyon College, if you did not attend TWO consecutive Full Semester terms (Fall 2021 AND Spring 2022), complete an application online at www.sccollege.edu. Click on the APPLY link. After submitting all of your information, you will receive an email confirmation from Open CCC. Within 1 business day, you will receive an email with your Single Sign-On login information. Within 3 business days, you will receive an email from Santiago Canyon College with orientation, course placement, and registration information. Your registration date will also be posted on WebAdvisor.

STEP TWO:

ONLINE REGISTRATION STEPS:

Online Records is open Monday–Sunday (24/7)

1. Go to www.sccollege.edu and click on “Self-Service”
2. Log In with your single sign-on login and password.
3. On the launch page, click on “Student Planning”.
4. Type in the courses you want to enroll in under the “Search for courses” bar.
5. Use filters on the left hand side to filter to location “Santiago Canyon College” and Terms to “Summer 2022”.
6. Click on “View Available Section for...” your course.
7. When you find a section that you want, click on “Add Section to Schedule”.
8. A “Section Details” prompt will appear, click “Add Section”.
9. Repeat these steps for all of the courses you want to enroll in.
10. Once you are finished, navigate to “Plan & Schedule” under “Student Planning” from the left side menu.
11. Make sure you’ve selected the correct term of “Summer 2022”.
12. When you are on “Schedule” you will be able to view all the courses you selected.
13. To register for the course, click “Register”.

Visit www.sccollege.edu/helpdesk if you need assistance.

ONLINE PRIORITY REGISTRATION DATES:

To view your registration date, please log into your account on “WebAdvisor” and click on the “View Online Registration Date” located under the Registration Heading.

Veterans, Foster Youth, DSPS, EOPS, CalWorks: May 4–June 12

Continuing Students: May 6–June 12

(Students who attended SAC/SCC Fall 2021 and/or Spring 2022)

New Students: May 23–June 12

Special Admit High School Students: May 31–June 12

Notice

- You will lose registration priority if you are on academic probation or progress probation at the end of Fall 2021.
- You will lose registration priority if you have more than 100 degree applicable units

DROP FOR NON-PAYMENT POLICY

Enrollment fees must be paid IN FULL within 3 days of registration or all of your classes may be dropped and released to other students. The day you register is your first day. If you need assistance paying your enrollment fees and would like to apply for the California College Promise Grant (formerly known as the BOG Fee Waiver), go to www.cccapply.org/moneycalifornia-college-promise-grant. It is your responsibility to check your account balance and pay the amount owed. As a general rule, Summer 2022 refunds would only be given if students drop on or before the first class meeting.

STUDENT RESPONSIBILITY TO DROP CLASSES

To avoid a “W” grade, students must drop classes on or before the day of the first class meeting. Students may not be automatically dropped for non-attendance once the summer session begins. You must drop online. After the first day of the first class meeting, you will not be eligible to receive a refund for your classes nor will you be exempt from enrollment fees. Check drop date online or under section information on each course.

WAIT LIST POLICY

You are not able to wait list more than one section of the same 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. It is **your responsibility to periodically check your class schedule online, or you may lose your place on the Wait List. You will have 3 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 an add authorization code from the instructor to add the course. You must add using Self-Service. Only the instructor can issue add codes. **Check your code for the expiration date.**

PAY FEES IMMEDIATELY

- **Refunds:** Students will be eligible for a refund if they drop their course on or before the day of the first class meeting.
- **Pay Online via Self-Service and click on Student Finance at sccollege.edu/selfservice or In Person** at the SCC Cashier’s Office. Payment by check, Visa, MasterCard, AmEx, and Discover are accepted. Mail checks to SCC Cashier’s Office, 8045 E. Chapman Avenue, Orange, CA 92869. Do not mail cash! Checks are payable to “RSCCD” and write your Student ID number on the check.

- **Enrollment Fee per unit (all students)** **\$46.00**
- **Non-Resident Tuition per unit** **\$317.00**
(\$307.00 Tuition +
\$10.00 Capital Outlay)

- Required of all out-of-state residents (students who have not resided in California for one year), and students who are non U.S. citizens. These fees are in addition to the \$46.00 per unit enrollment fee. Questions regarding residency determination may be referred to the Admissions and Records Office.

- **Health Fee:** (State mandatory fee) **\$16.00**

- **FREE Universal Student Photo ID Card:**
(Mandatory) Visit the Cashier’s Office

- **Student Service Fee:** (optional)** **\$5.00**

(Fall/Spring/Summer) For the following services:

- Clubs and Organizations
- Student and Instructional Services
- Cultural Awareness
- Student Leadership Institute
- Library Book Reserve
- Student Lounge

**Students can receive a refund by requesting one at the Cashier’s office of their home campus. The deadline to file your Student Service fee waiver coincides with the drop for non-payment dates.

- **Student Representation Fee:** **\$2.00**

- **Material Fee:** Material fee may be required for a course. Check classes online for specific fees.

- **Parking Permit Fee:** **\$10.00**

Required for all vehicles parking on campus. Motorcycles are exempt in designated areas.

CAMPUS MAP - PAGE 2 sccollege.edu/Maps

Registration questions? Call 714-628-4901

SCC CLASS AND INSTRUCTION METHODS

SCC 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.



Online (O)

Fully online instruction: Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.



Fully Online Live (OL)

Fully Remote Live Instruction: Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas. There will be no instruction on-campus.



Online & On-Campus Meetings (H)

On-Campus Hybrid Instruction: A combination of online instruction and on-campus meetings during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas.



Virtual Hybrid (VH)

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



On Campus (C)

Face to Face: Classes are in person and on-campus classes with weekly scheduled meeting days and times as indicated.



Internet Base Assignments
This course's assignments will be assigned, completed and submitted via the internet.

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.

CLASSES:

ACCOUNTING (ACCT)	6
AMERICAN SIGN LANGUAGE (ASL)	6
ANTHROPOLOGY (ANTH)	6
ART (ART)	6
ASTRONOMY (ASTR)	6
BIOLOGY (BIOL)	6
BUSINESS (BUS)	7
CHEMISTRY (CHEM)	7
CINEMA STUDIES (CINE)	8
COMMUNICATION (COMM)	8
COMPUTER INFORMATION SYSTEMS (CIS)	8
COMPUTER SCIENCE (CMPR)	8
COUNSELING (CNSL)	8
ECONOMICS (ECON)	9
ENGLISH (ENGL)	9
GENDER-SEXUALITY-WOMEN'S ST (GSWS)	9
GEOGRAPHY AND THE ENVIRONMENT (GEOG)	9
HISTORY (HIST)	9
INTERDISCIPLINARY STUDIES (IDS)	10
KINESIOLOGY (KIN)	10
MANAGEMENT (MGMT)	10
MARKETING (MKTG)	11
MATHEMATICS (MATH)	11
MUSIC (MUS)	12
NUTRITION AND FOOD (NUTR)	12
PHILOSOPHY (PHIL)	12
PHYSICS (PHYS)	12
POLITICAL SCIENCE (POLT)	12
PSYCHOLOGY (PSYC)	13
READING (READ)	13
REAL ESTATE (RE)	13
SOCIOLOGY (SOC)	13
SPANISH (SPAN)	14
WATER UTILITY SCIENCE (WATR)	14

Can't find the class you need? It may be waiting for you at

SANTA ANA COLLEGE sac.edu

Classes for both SCC and SAC are listed online.

CLASS CANCELLATION POLICY

Any class in which there is low enrollment may be cancelled and discontinued.

Complete course descriptions and registration information can be found on the college website www.sccollege.edu

CAMPUS MAP

A-LOWER LEVEL

Bookstore • Classrooms • Media Systems Office
SCC Outreach

A-UPPER LEVEL

Academic Senate Office • Administration
Administrative Services
Associated Student Government
CAMP • Classrooms • Foundation Office
Guardian Scholars • International Students
Publications • Scholarships
Student Life & Leadership
Upward Bound Math and Science • Veterans

B-LOWER LEVEL

Classrooms • Faculty Offices

B-UPPER LEVEL

Classrooms • SSS TRIO • STAR Center

C-BUILDING

Child Development Center

D-FIRST FLOOR

Career Services • Classrooms • Counseling
Faculty Offices • Transfer Success Center

D-SECOND FLOOR

Math Success Center • Faculty Offices • Classrooms

E-FIRST FLOOR

Admissions • CalWORKs • CARE • Cashier
Financial Aid • EOPS • Disabled Students Program
Graduation Office • Photo ID
On-Campus Job Placement

E-SECOND FLOOR

Classrooms • Enrollment and Support Services

E-THIRD FLOOR

Classrooms • Faculty Offices • First Year Support Center
Pathways to Teaching

G-FIRST FLOOR

Gym and Fitness Center

G-SECOND FLOOR

Aerobics • Kinesiology Offices • Swimming Pool

H-HUMANITIES BUILDING

Classrooms • Faculty Offices
Information Technology • Language Lab
Writing Center

L-LIBRARY

Instructional Design Center

MO-MAINTENANCE & OPERATIONS

District Publications • District Warehouse

RG-ROSE GARDEN

S-SECURITY & CAMPUS SAFETY★

SC-SCIENCE CENTER

Classrooms • Faculty Offices • Science Labs

SP-STRENGER PLAZA

T-BUILDING

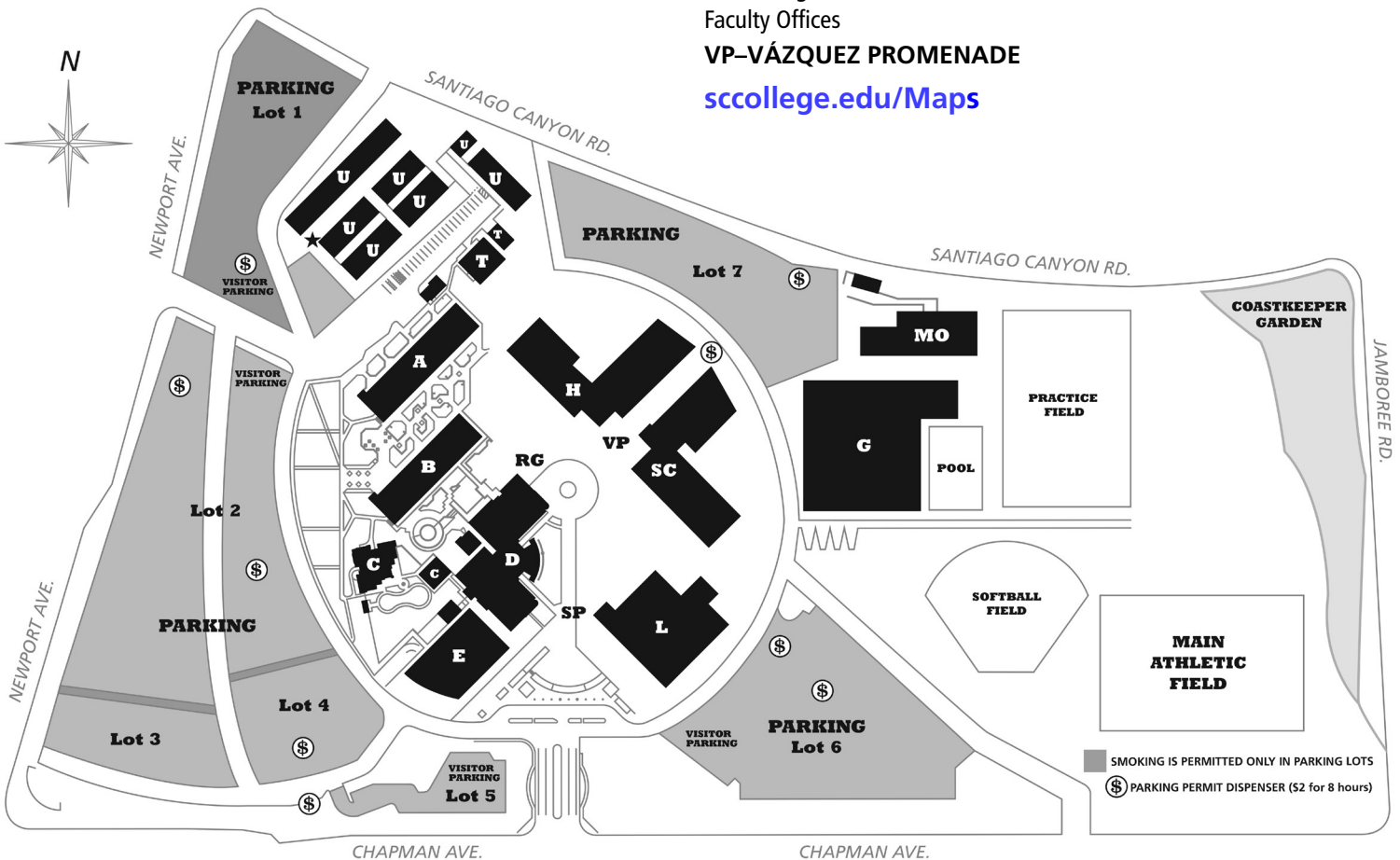
Hawk's Perch (Cafeteria) • Student Lounge
Student Health and Wellness Services

U-BUILDINGS

Classrooms • Community Services
Continuing Education Office / Classrooms
Faculty Offices

VP-VÁZQUEZ PROMENADE

scollege.edu/Maps



LORENZO A. RAMIREZ LIBRARY

L-Building 714-628-5001

(Hours: Monday-Thursday hours vary, check the library's website at www.sccollege.edu/library)

The Lorenzo A. Ramirez Library provides computer (PC/MAC) access to currently enrolled students, in addition to an ADA workstation, phone charging lockers, scanner, and low-cost B/W and color printing. Wi-Fi is available for enrolled students or guests who bring their own Wi-Fi enabled devices. Books, DVDs, CDs, and course reserve textbooks are all available to borrow. The Library features thirteen study rooms in addition to open study areas. Research assistance is available at the Reference Desk, through Ask A Librarian chat, text, and email services, and by scheduling individual consultations. Further instruction is provided through video tutorials, self-paced online workshops, and in class workshops. Library research and digital literacy credit classes are offered most semesters. Offcampus 24/7 access to articles, streaming videos, e-books, citation software, and other research related resources is accessible to SCC students, staff, and faculty.

SUMMER COUNSELING SERVICES

Counseling services for new and continuing students are available during the summer but counselor availability varies from week to week. Please contact the Counseling Office for more information.

COUNSELING: (714) 628-4800

ROOM: SCC D-106

sccollege.edu/counseling

California College Promise Grant (formerly known as the BOG Fee Waiver) and Federal Financial Aid are available to those who are eligible. For more information and to apply, please go to www.sccollege.edu/financialaid, or inquire with the Financial Aid Office located at Room E-104.

OFF-CAMPUS FIELD TRIPS POLICY

Throughout the term, 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.

NONDISCRIMINATION POLICY

The Rancho Santiago Community College District is committed to equal opportunity in educational programs, employment, and all access to institutional programs and activities.

The District, and each individual who represents the District, shall provide access to its services, classes, and programs without regard to national origin, religion, age, gender, gender identity, gender expression, race or ethnicity, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status, or because he or she is perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics.

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

No District funds shall ever be used for membership, or for any participation involving financial payment or contribution on behalf of the District or any individual employed by or associated with it, to any private organization whose membership practices are discriminatory on the basis of national origin, religion, age, gender, gender identity, gender expression, race, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status, or because he or she is perceived to have one or more of the foregoing characteristics, or because of his or her association with a person or group with one or more of these actual or perceived characteristics. Inquiries regarding compliance and/or grievance procedures may be directed to District's Title IX Officer and/or Section 504/ADA Coordinator, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7490.

ACCOUNTING (ACCT)

ACCT 101, FINANCIAL ACCOUNTING 4.0 UNITS

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

VH 12525 7:00p-9:00p F Lam D SCC CANVAS 06/13-08/07
Virtual Hybrid Instruction. A combination of online instruction and some live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas. There will be no instruction on-campus.

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. American Sign Language 110 is equivalent to two years of high school ASL. Students are required to attend at least one off-campus event.

O 12299 Malone C SCC CANVAS 06/13-07/24
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

O 12300 Malone C SCC CANVAS 06/13-07/24
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

ANTHROPOLOGY (ANTH)

ANTH 100, INTRODUCTION TO CULTURAL ANTHROPOLOGY 3.0 UNITS

A cross-cultural survey of the major areas of cultural anthropology including subsistence patterns, economic and political systems, family and kinship, religion, and cultural change. Also includes contemporary issues facing humankind such as the environment, resource depletion, ethnic conflict, globalization, and warfare. Emphasis is on understanding cultural diversity and cultural universals.

O 11741 Yang S SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

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. Field trips may be required.

O 11742 Valdos Y SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled 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. Students are required to visit an art museum during the semester. Required for art majors.

VH 11678 9:00a-12:20p M Plouffe D SCC CANVAS 07/11-08/07
Virtual Hybrid Instruction. A combination of online instruction and some live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas. There will be no instruction on-campus.

VH 11687 9:00a-12:20p M Eoff R SCC CANVAS 06/13-07/10
Virtual Hybrid Instruction. A combination of online instruction and some live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas. There will be no instruction on-campus.

ASTRONOMY (ASTR)

ASTR 102, INTRODUCTION TO STARS AND GALAXIES 3.0 UNITS

Surveys the development of astronomy, current research and observations of stars, galaxies and large-scaled structures in the universe. Explores light and gravity to understand the properties and evolution of stars, neutron stars, black holes, galaxies and the universe structures and changes.

O 12865 Martino D SCC CANVAS 06/13-08/05
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

ASTR 103, INTRODUCTION TO THE SOLAR SYSTEM 3.0 UNITS

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

O 12867 Martino D SCC CANVAS 06/13-08/05
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

BIOLOGY (BIOL)

BIOL 097, INTRODUCTION TO WORK EXPERIENCE 0.5 - 3.0 UNITS

This course is an introduction to work experience with an on campus, supervised volunteer experience in the biosciences including an introduction to new or expanded responsibilities. 60 hours of unpaid work equals one unit. Course may be taken 3 times for a maximum of 3 units of introductory occupational cooperative work experience credit.

Open Entry / Open Exit
O 13065 Lui A SCC 06/13-08/05
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

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. Designed for non-biology majors.

Recommended Preparation: Biology 109L
O 12915 Taylor M SCC CANVAS 06/13-08/05
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

O 12920 Smith M SCC CANVAS 06/13-07/08
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

BIOL 109L, FUNDAMENTALS OF BIOLOGY LABORATORY 1.0 UNIT

Laboratory experiments to identify and illustrate significant organisms and their structures. Emphasis is placed on the relationship of all organisms from an anatomical, physiological, and ecological framework. Content correlates to Biology 109/109H lecture material. Field trips required.

Required concurrent or previous courses: Biology 109/109H or concurrent enrollment.
C 12921 9:30a-1:05p M W Johnson K SCC SC-132 06/13-08/03
This class will meet on campus
C 12965 9:30a-1:05p Tu Th Johnson K SCC SC-132 06/14-08/04
This class will meet on campus

BIOL 139, HEALTH MICROBIOLOGY 4.0 UNITS

Presents practical and theoretical aspects of medical microbiology to meet the needs of those in allied health professions. Provides basic knowledge of the microbial world by covering diversity, structure, metabolic and genetic characteristics, cultivation and control. Emphasis is placed on human-microbe interactions especially infectious diseases. Laboratory deals with identification, growth, and control of microorganisms. Field trips may be required.

Recommended Preparation: Biology 109/109H or Biology 149
H 13023 Arias M SCC CANVAS 06/13-08/04
10:00a-1:20p M Tu W Th Arias M SCC SC-219
On-Campus Hybrid Instruction. A combination of online instruction and on-campus meetings during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas.

BIOL 149, HUMAN ANATOMY AND PHYSIOLOGY 4.0 UNITS

Introduces human anatomy and physiology stressing the interrelationships between normal and abnormal structure and function. Laboratory may include the dissection of mammalian tissues. Designed for students in the allied health sciences, and as a life science general education course. May not meet requirements for kinesiology or Bachelor of Science in Nursing (BSN) majors.

C 13062 9:00a-12:10p Tu Th Mastroianni J SCC SC-127 06/13-08/07
12:30p-3:40p Tu Th Mastroianni J SCC SC-127
This class will meet on campus

SECT #	TIME	DAY	INSTRUCTOR	MODE	DATES
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BIOL 191, BIOTECH A: BASIC LAB SKILLS 4.0 UNITS

Introduction to the fundamental skills necessary for any biotechnology laboratory. Skills include maintenance of an industry standard notebook; preparation and sterilization of solutions, reagents, and media; utilization of good aseptic technique, proper use and maintenance of laboratory equipment, adherence to quality control protocols, and laboratory safety regulations. Previous Title: Biotechnology A: Basic Lab Skills (2017)

Recommended Preparation: Mathematics 080

H	13066	10:00a-11:00a	M Tu W Th	Lui A	SCC U-85	06/13-07/07
		11:15a-2:35p	M Tu W Th	Lui A	SCC U-85	

On-Campus Hybrid Instruction. A combination of online instruction and on-campus meetings during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas.

BIOL 197, SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) INTERNSHIP 1.0 - 4.0 UNITS

This is an Internship of supervised paid or unpaid work experience in the student's major which could include new or expanded responsibilities. 75 hours paid work or 60 hours of unpaid work equals one unit. A maximum of 4 units is allowed per semester. Limitation of 16 units in occupational cooperative education courses.

Prerequisite: Successful completion of 10 units within the Biotechnology Program. Open Entry / Open Exit

O	13071			Foley D	SCC CANVAS	06/13-08/05
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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. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

BIOL 202, CELL CULTURE TECHNIQUES 2.0 UNITS

Students will learn eukaryotic cell culture techniques that include working under aseptic conditions, sterile techniques, media preparation, quantification and passage of cell lines. Laboratory experience prepares students for work in industry.

Prerequisite: Biology 191

H	13072			Foley D	SCC CANVAS	07/12-08/04
		10:00a-2:15p	Tu W Th	Foley D	SCC SC-129	

On-Campus Hybrid Instruction. A combination of online instruction and on-campus meetings during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas.

BIOL 239, GENERAL HUMAN ANATOMY 4.0 UNITS

Structure of the human body. Systems, organs, and tissues are studied from human skeletons, models, charts, slides and CD-ROM programs. Laboratory includes the dissection of a cat and periodic demonstrations of a prosected cadaver as available.

C	13081	9:00a-12:35p	M W	Sanchez S	SCC SC-111	06/13-08/03
		12:30p-4:05p	M W	Sanchez S	SCC SC-127	

This class will meet on campus

BIOL 290, BIOCHEMISTRY AND MOLECULAR BIOLOGY 5.0 UNITS

Introduction to biochemistry and molecular biology. Included are discussions of biological macromolecules, energy production, metabolic pathways and regulation, genetic code, genomics, DNA replication, transcription and RNA processing, translation, and gene regulation. Laboratory activities will include use of visible and UV spectroscopy, chromatography, cell fractionation, ultracentrifugation, protein purification, electrophoresis, and recombinant DNA methods. This course is designed for biology majors, health pre-professionals, and biotechnology majors.

Prerequisite: Biology 211 and Chemistry 209

H	13082	1:00p-2:00p	M Tu W Th	Pham V	SCC SC-130	06/13-08/04
		2:20p-5:40p	M Tu W Th	Pham V	SCC SC-130	

On-Campus Hybrid Instruction. A combination of online instruction and on-campus meetings during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas.

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	12568			Salcido A	SCC CANVAS	06/13-08/07
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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. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

BUS 120, PRINCIPLES OF MANAGEMENT 3.0 UNITS

Principles, methods, and procedures essential to the successful management of human and financial resources. Planning, decision making, staffing, directing, motivating, leading, communicating, controlling, and the application of managerial skills.

O	12570			Deeley S	SCC CANVAS	06/13-08/07
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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. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

SECT #	TIME	DAY	INSTRUCTOR	MODE	DATES
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BUS 150, INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS 3.0 UNITS

Introduction to computer concepts and management information systems. Application software used to solve business problems.

O	12571			Salcido A	SCC CANVAS	06/13-08/07
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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. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

BUS 175, ONLINE ENTREPRENEURSHIP 3.0 UNITS

This class is designed to help potential online entrepreneurs develop startup procedures, explore ideas and implement plans. Students will learn how to build and implement a business strategy for the Internet, including business specific considerations, online marketing and Ecommerce strategies.

O	12611			Deeley S	SCC CANVAS	06/13-08/07
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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. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

BUS 222, BUSINESS WRITING 3.0 UNITS

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

Prerequisite: English 101/101H

O	12613			Deeley S	SCC CANVAS	06/13-08/07
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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. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

CHEMISTRY (CHEM)

CHEM 100, INTRODUCTORY CHEMISTRY 4.0 UNITS

This course prepares students for Biology and Chemistry 200 by exploring the basic concepts of matter such as: atomic structure, formulas, equation writing, nomenclature, gases, and kinetic theory. Properties of solutions and the mole concept in quantitative chemistry will be emphasized.

Prerequisite: Mathematics 080.

C	13046	8:00a-11:35a	M Tu W Th	Staff	SCC SC-103	06/13-07/07
		11:45a-3:20p	M Tu W Th	Staff	SCC B-201	

This class will meet on campus.

C	13137	9:00a-12:10p	M Tu W Th	Bailey D	SCC SC-103	07/11-08/04
		12:30p-3:40p	M Tu W Th	Bailey D	SCC B-201	

This class will meet on campus.

C	13145	11:30a-2:40p	M Tu W Th	Galvan S	SCC SC-104	07/11-08/04
		8:00a-11:10a	M Tu W Th	Galvan S	SCC B-201	

This class will meet on campus.

C	13134	11:45a-3:20p	M Tu W Th	Huang W	SCC SC-104	06/13-07/07
		8:00a-11:35a	M Tu W Th	Huang W	SCC B-201	

This class will meet on campus.

CHEM 200A, GENERAL CHEMISTRY A 5.0 UNITS

This is the first semester of a year-long sequence covering the fundamental principles and concepts of chemistry and is intended for students studying physical science, life science, and engineering. The topics are to include, but not limited to, atomic structure, quantum theory, periodic properties, stoichiometry, oxidation-reduction, molecular structure and bonding, gas laws, states of matter, solutions, chemical kinetics and chemical equilibrium. This course is a requirement to earn a degree in the physical science, life science, and engineering majors.

Prerequisite: Chemistry 100 or 209 or a passing score on the current chemistry placement test and Mathematics 080.

C	13146	8:00a-9:30a	M Tu W Th	Efron A	SCC SC-133	06/13-08/04
		9:45a-1:05p	M Tu W Th	Efron A	SCC SC-222	

This class will meet on campus.

CHEM 200B, GENERAL CHEMISTRY B 5.0 UNITS

Continuation of Chemistry 200A, including but not limited to ionic equilibrium, acid and base equilibrium, thermodynamics, electrochemistry, nuclear chemistry, organic chemistry and descriptive chemistry.

Prerequisite: Chemistry 200A or 200AH

C	13147	11:00a-12:30p	M Tu W Th	Torneo N	SCC SC-226	06/13-08/04
		1:00p-4:20p	M Tu W Th	Torneo N	SCC SC-225	

This class will meet on campus.

CHEM 280A, ORGANIC CHEMISTRY A
5.0 UNITS

This course is the first semester of a year of organic chemistry. This course will cover structure and bonding, nomenclature, descriptive chemistry, reaction mechanisms, synthetic methods and IR spectroscopy for different functional groups including alkanes, alkenes, alkynes, alkyl halides, organometallics, alcohols, and ethers. Laboratory will include separations/purifications identification, and simple syntheses.

Prerequisite: Chemistry 200B

C	13148	9:00a-10:30a	M Tu W Th	Letourneau A	SCC SC-226	06/13-08/04
		10:45a-2:05p	M Tu W Th	Letourneau A	SCC SC-221	

This class will meet on campus.

CINEMA STUDIES (CINE)
CINE 103, HISTORY OF FILM TO 1945
3.0 UNITS

A survey course exploring film as an art form and developing an appreciation of historical, artistic and technical advances from the 1890s to 1945.

O	12494			Echols D	SCC CANVAS	06/13-08/07
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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.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

CINE 104, HISTORY OF FILM FROM 1945 TO PRESENT
3.0 UNITS

A lecture/visual aids course exploring film as an art form and developing appreciation of historical, artistic and technical advances.

O	12496			Echols D	SCC CANVAS	06/13-08/07
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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.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

COMMUNICATION (COMM)
COMM 100, INTRODUCTION TO INTERPERSONAL COMMUNICATION
3.0 UNITS

Introduction to communication skills of listening, perception, language usage, non-verbal communication, and conflict management; emphasizing methods of overcoming barriers to effective communication in interpersonal relationships.

Recommended Preparation: Concurrent enrollment in English 101/101H

O	11747			Castellanos R	SCC CANVAS	06/13-08/07
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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.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

O	11749			Castellanos R	SCC CANVAS	06/13-08/07
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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.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

O	11750			Bruns K	SCC CANVAS	07/11-08/07
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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.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

O	11752			De Carbo M	SCC CANVAS	06/13-07/10
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

COMM 110, 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.

C	11754	8:00a-11:20a	M Tu W Th	De Carbo M	SCC H-113	06/13-07/10
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This course will meet on campus.

O	13944			Bruns K	SCC CANVAS	06/13-08/07
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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.
scccollege.edu/Canvas. Students must meet with the instructor via Zoom, several time slots will be available throughout the week that a speech is due. Students sign up for whichever one works in their schedule.

COMPUTER INFORMATION SYSTEMS (CIS)
CIS 101, INTRODUCTION TO MICROSOFT OFFICE
3.0 UNITS

Learn the basics of Microsoft Office, a suite of applications for Windows (Word, Excel, Access and PowerPoint). Acquire skills for creating, formatting, printing and editing business documents.

O	12619			Salcido A	SCC CANVAS	06/13-08/07
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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.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

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.

OL	12639	5:30p-7:00p	Tu Th	Mogasemi M	SCC CANVAS	06/13-08/07
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Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. scccollege.edu/Canvas. There will be no instruction on-campus.

CMPR 120, INTRODUCTION TO PROGRAMMING
3.0 UNITS

Introduction to programming concepts including data types, mathematical operations, elementary input/output, and the basic control structures of sequence, selection, iteration and functions. Program design techniques utilizing structured and object-oriented methodologies will be emphasized.

Prerequisite: Mathematics 080

OL	12645	6:30p-9:40p	M W	Khan A	SCC CANVAS	06/13-08/07
		5:30p-6:20p	M W	Khan A	SCC CANVAS	

Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. scccollege.edu/Canvas. There will be no instruction on-campus.

CMPR 121, PROGRAMMING CONCEPTS
3.0 UNITS

Continuing introduction to programming concepts, development of algorithms utilizing functions, classes and the primary control structures. Program I/O; strings and arrays; data types: classes and objects. Documentation techniques.

Prerequisite: Computer Science 120

OL	12647	12:00p-3:10p	M W	Rainey A	SCC CANVAS	06/13-08/07
		3:20p-4:10p	M W	Rainey A	SCC CANVAS	

Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. scccollege.edu/Canvas. There will be no instruction on-campus.

CMPR 154, COMPUTER ARCHITECTURE AND ORGANIZATION
3.0 UNITS

The organization and behavior of real computer systems at the assembly language level. Topics include number systems and data representation, addressing techniques, memory management, interrupt handling, recursion, subroutines, arrays, and the implementation of high-level language constructs at the machine-language level. This course is compliant with the standards of the Association for Computing Machinery (ACM).

Recommended Preparation: Computer Science 122

OL	12648	8:00a-11:40a	Tu Th	Rainey A	SCC CANVAS	06/13-08/07
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Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. scccollege.edu/Canvas. There will be no instruction on-campus.

COUNSELING (CNLS)
CNLS 101, EDUCATIONAL, PERSONAL, CULTURAL, AND CAREER EXPLORATION
3.0 UNITS

Designed to promote academic and career success by exploring student development from an educational, sociological, psychological and physiological perspective. Exploration of higher education opportunities, potential career interests and a focus on educational planning. Recommended for students planning to complete an associate degree and/or transfer to a university. Field trips may be required.

OL	12227	9:00a-11:35a	M Tu W Th	Staff	SCC CANVAS	07/11-08/07
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Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. scccollege.edu/Canvas. There will be no instruction on-campus.

O	12226			Vu V	SCC CANVAS	06/13-07/10
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

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

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

Material Fee(s): \$16.00

O	12228			Baldizon-Rios N	SCC CANVAS	06/13-07/10
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

ECONOMICS (ECON)

ECON 101, 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 080

O 12289 Ames T SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

O 12292 Ames T SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

ECON 102, 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 080

O 12293 Ames T SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

ENGLISH (ENGL)

ENGL 100, FRESHMAN COMPOSITION WITH INTEGRATED SUPPORT 4.5 UNITS

This course is designed for students who want to develop competence in college-level composition through extended instruction and practice. Students read, analyze, discuss, and think critically using various sources in order to compose in a variety of academic, professional, and civic contexts, including digital environments. Additional hours in the Writing Center are required for practice in refining sentence skills, grammar, research, study habits, and reading strategies.

Prerequisite: American College English 116 or English N59 or qualifying profile from English placement process

OL 11706 8:00a-12:15p Tu Th Roe M SCC CANVAS 06/14-08/04
12:25p-2:30p Tu Th Roe M SCC CANVAS

Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas. There will be no instruction on-campus.

ENGL 101, FRESHMAN COMPOSITION 4.0 UNITS

This course emphasizes expository and argumentative essays and the research paper, allowing students to gain familiarity with learning approaches connected to successful writing and to compose in a variety of academic, professional, and civic contexts, including digital environments.

Prerequisite: English 061 or ACE 116 or qualifying profile from English placement process

C 11714 8:00a-12:15p Tu Th Lennertz W SCC H-117 06/14-08/04
This course will meet on campus.

C 11716 6:00p-10:15p Tu Th Lennertz W SCC H-117 06/14-08/04
This course will meet on campus.

O 11725 Murphy R SCC CANVAS 06/13-08/07
Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

O 11726 Murphy R SCC CANVAS 06/13-08/07
Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled 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.

Prerequisite: English 101/101H

VH 11720 10:00a-12:15p Tu Th Hall K SCC CANVAS 06/14-08/04

Virtual Hybrid Instruction. A combination of online instruction and some live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas. There will be no instruction on-campus.

O 11718 Hall K SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

ENGL 103, CRITICAL THINKING AND WRITING 4.0 UNITS

This course focuses on developing critical thinking, reading, and writing skills by studying established argumentative methods and models and applying them to contemporary issues. Emphasis will be on logical reasoning and analytical and argumentative skills necessary for critical writing.

Prerequisite: English 101/101H

OL 11721 8:00a-12:30p M W Roe M SCC CANVAS 06/13-08/03
Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas. There will be no instruction on-campus.

GENDER-SEXUALITY-WOMEN'S ST (GSWS)

GSWS 101, INTRODUCTION TO WOMEN'S STUDIES 3.0 UNITS

A multicultural survey of social trends, issues, opportunities, and topics of special interest to women. Discussion includes sex, sex-role stereotyping, family problems, work, law, gender equity, physical and mental health, feminism, rape, and women in arts, sciences, history, and business. Field trips may be required.

O 12275 Siddiqui S SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

GEOGRAPHY AND THE ENVIRONMENT (GEOG)

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. Former Title: Physical Geography (2021)

O 12877 King C SCC CANVAS 06/13-07/22
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

GEOG 101L, INTRODUCTION TO THE NATURAL ENVIRONMENT LAB 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. Field trips may be required. Former Title: Physical Geography (2021)

Required Concurrent Or Previous Courses: Geography 101 or Geography 101 Honors

O 12888 Hinton O SCC CANVAS 06/13-07/22
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

GEOG 102, CULTURAL GEOGRAPHY 3.0 UNITS

An introductory survey of the geography of culture, and the influences of the physical environment on culture, along with the impact of human activity on the environment, and the role of culture within societies and social groups. The course includes global patterns of population, migration, religion, language, agriculture, politics, customs, resources, and urban and rural settlement.

O 12890 King C SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

HISTORY (HIST)

HIST 101, WORLD CIVILIZATIONS TO THE 16TH CENTURY 3.0 UNITS

Examines the development of world civilizations and their interrelationships through analysis of their basic ideas, institutions, personalities, and artistic achievements from the earliest beginnings to the sixteenth century.

O 12081 Petrocelli R SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

O 12084 Howell S SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled 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. Includes ideas, institutions, personalities, and artistic achievements which have contributed to present day society.

O 12086 Petrocelli R SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas. There will be no scheduled instructional meetings.

SECT #	TIME	DAY	INSTRUCTOR	MODE	DATES
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O 12088			Petrocelli R	SCC CANVAS	07/11-08/07
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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.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

HIST 120, THE UNITED STATES TO 1877 3.0 UNITS
Examines the major political, economic, intellectual, and social forces shaping American life from the colonial period through Reconstruction. Credit will not be given to students who already earned credit for History 122.

O 12089			Howell S	SCC CANVAS	06/13-07/10
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

O 12090			Rabii-Rakin N	SCC CANVAS	07/11-08/07
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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.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

HIST 121, THE UNITED STATES SINCE 1865 3.0 UNITS
A critical analysis of American history. Includes industrial and technological development, the changing nature of society, cultural patterns, domestic politics, artistic attainments, and America's expanded world role. Credit will not be given to students who already earned credit for History 122. Former Title: Honors the United States Since 1865 (2020)

C 12110	9:00a-12:10p	M Tu W Th	Reed S	SCC H-331	07/11-08/07
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This course will meet on campus.

O 12093			Petrocelli R	SCC CANVAS	06/13-07/10
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

INTERDISCIPLINARY STUDIES (IDS)

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

O 12276			Siddiqui S	SCC CANVAS	06/13-07/10
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Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

KINESIOLOGY (KIN)

KIN 104, HEALTHFUL LIVING 3.0 UNITS
Comprehensive look at factors that impact people's health, longevity and lifetime wellness. Areas covered will be personal fitness, nutrition, drugs, alcohol and tobacco, AIDS and sexually transmitted diseases, and degenerative diseases including cancer, heart disease, strokes and diabetes.

O 13084			Camarco L	SCC CANVAS	07/11-08/05
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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.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

O 13086			Cummins S	SCC CANVAS	06/13-07/08
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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.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

KIN 140A, BASIC CIRCUIT WEIGHT TRAINING 0.5 - 1.0 UNITS
This course introduces the basic principles related to the acquisition of muscular strength and endurance. Students will explore training techniques through the use of body weight and light weight equipment. Instruction is provided in the areas of functional fitness and the physiological adaptation process that occurs as a result of circuit training. A combination of Kinesiology 119, 140A, 140B and 140C may be taken a maximum of four enrollments.

H 13037	10:00a-11:50a	M W	Cummins S Cummins S	SCC CANVAS SCC G-110	06/13-08/05
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On-Campus Hybrid Instruction. A combination of online instruction and on-campus meetings during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas.

SECT #	TIME	DAY	INSTRUCTOR	MODE	DATES
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KIN 140B, INTERMEDIATE CIRCUIT WEIGHT TRAINING 0.5 - 1.0 UNITS

This course is designed for students with prior resistance training experience. Principles and training techniques for the development of muscle tone, muscle strength, and muscular endurance will be taught, as well as the use of weightbearing exercises to promote cardiovascular health benefits. Students will utilize weights, variable resistance machines, and other resistance equipment to advance their total body fitness. A combination of Kinesiology 119, 140A, 140B and 140C may be taken a maximum of four enrollments.

H 13099	10:00a-11:50a	M W	Cummins S Cummins S	SCC CANVAS SCC G-110	06/13-08/05
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On-Campus Hybrid Instruction. A combination of online instruction and on-campus meetings during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas.

KIN 140C, ADVANCED CIRCUIT WEIGHT TRAINING 0.5 - 1.0 UNITS

This course is designed for students possessing advanced knowledge and experience with resistance training exercises. Students will utilize weights, variable resistance machines, and a wide variety of weight-bearing activities and equipment to perform high intensity exercise. Muscular development will be achieved through implementation of a resistance training program built upon advanced modes of training and the principles of exercise physiology. A combination of Kinesiology 119, 140A, 140B and 140C may be taken a maximum of four enrollments.

H 13100	10:00a-11:50a	M W	Cummins S Cummins S	SCC CANVAS SCC G-110	06/13-08/05
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On-Campus Hybrid Instruction. A combination of online instruction and on-campus meetings during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas.

KIN 200, CONDITIONING FOR ATHLETES-MEN 0.5 - 1.0 UNITS

An instructor supervised exercise program designed for athletes who participate in men's sports. Emphasis will be on the development of speed, endurance, flexibility, and strength. Students may take a maximum of 350 hours of any team sport, team off season course or conditioning course per academic year.

C 13091	9:45a-12:35p	M Tu W Th	Dixon T	SCC G-106-A	06/13-07/14
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This class will meet on campus

C 13087	12:00p-3:10p	M Tu W Th	Medina G	SCC SOCCER	07/11-08/04
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This class will meet on campus

KIN 201, CONDITIONING FOR ATHLETES-CO-ED 0.5 - 1.0 UNITS

An instructor supervised exercise program designed for athletes who participate in sports. Emphasis will be on the development of speed, endurance, flexibility, and strength. Students may take a maximum of 350 hours of any team sport, team off season course or conditioning course per academic year.

C 13102	7:20a-9:55a	M Tu W Th	Cummins S	SCC G-112	07/05-08/04
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This class will meet on campus

KIN 202, CONDITIONING FOR ATHLETES-WOMEN 0.5 - 1.0 UNITS

An instructor supervised exercise program designed for athletes who participate in women's sports. Emphasis will be on the development of speed, endurance, flexibility, and strength. Students may take a maximum of 350 hours of any team sport, team off season course or conditioning course per academic year.

C 13125	10:00a-1:10p	M Tu W Th	Lucero D	SCC G-106-A	06/13-08/04
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This class will meet on campus

C 13105	6:00p-9:20p	M Tu W Th	Woodhead I	SCC SOCCER	07/18-08/06
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	8:30a-11:50a	Sa	Woodhead I	SCC SOCCER	
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This class will meet on campus

MANAGEMENT (MGMT)

MGMT 120, PRINCIPLES OF MANAGEMENT 3.0 UNITS

Principles, methods, and procedures essential to the successful management of human and financial resources. Planning, decision making, staffing, directing, motivating, leading, communicating, controlling, and the application of managerial skills.

O 12631			Deeley S	SCC CANVAS	06/13-08/07
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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.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

MGMT 122, BUSINESS COMMUNICATIONS 3.0 UNITS

Professional and conversational oral and written communication skills used in business. Emphasis on writing and speaking skills, solutions to communication problems, ethical issues, and techniques for communicating successfully in today's business environment. Designed for professionals seeking career advancement. Not intended for students seeking an AST in Business Administration.

Recommended Preparation: English 061 or American College English 116


O 12636			Deeley S	SCC CANVAS	06/13-08/07
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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.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

MARKETING (MKTG)


MKTG 112, PRINCIPLES OF ADVERTISING 3.0 UNITS

A study of the impact of advertising on the American economy and how it fits within the broader disciplines of business and marketing and how it relates to journalism and the field of communication and the use of persuasive techniques with products, services, or ideas. Discover what advertising people do and how they do it, the artistic creativity and technical expertise required and career opportunities within the field.

 12637 Gonzalez J SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

MKTG 113, PRINCIPLES OF MARKETING 3.0 UNITS



An introduction to modern marketing concepts and issues in an organization as well as the effects of marketing on society. Content includes an overview of marketing in the global business environment, buyer behavior, target marketing and the marketing mix.

 12638 Zawawi S SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

MATHEMATICS (MATH)



MATH 080, INTERMEDIATE ALGEBRA 5.0 UNITS

A second course in algebra that includes systems of equations, inequalities, graphs and functions, radicals, quadratics, polynomials, rational expressions, exponential and logarithmic functions, conics, and problem solving. This course meets the prerequisites for Math 140 and 160.



 12972 Frost A SCC CANVAS 06/13-07/08
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.

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 theory, geometry, logic, mathematical modeling, and the history of mathematics.



Prerequisite: Mathematics 080 or 085 or 086 or qualifying profile from the mathematics placement process.
 12893 Kramer J SCC CANVAS 06/13-08/05
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.

MATH 105, MATHEMATICS FOR LIBERAL ARTS STUDENTS 4.0 UNITS

 12971 Jones V SCC CANVAS 06/13-07/08
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.

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 080 or Mathematics 085 or qualifying profile from the Mathematics placement process.
 13004 Diaz D SCC CANVAS 07/11-08/05
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.

MATH 150, CALCULUS FOR BIOLOGICAL, MANAGEMENT AND SOCIAL SCIENCES



5.0 UNITS

Single and multi-variable calculus including limits, derivatives, integrals, exponentials and logarithmic functions and partial derivatives. Applications are drawn from Biology, Social Science and Business.



Prerequisite: Mathematics 140 or placement into Mathematics 150 on the Mathematics Level 3 placement exam and a course equivalent to Mathematics 140
 12957 11:00a-1:50p M Tu W Th Cotter M SCC CANVAS 06/13-08/04
 Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. scccollege.edu/Canvas. There will be no instruction on-campus.

MATH 171, PRECALCULUS AND TRIGONOMETRY 5.0 UNITS

Study of polynomial, rational, absolute value, exponential, logarithmic, and trigonometric functions, their graphs and applications. Use of trigonometric identities. Polar coordinates and complex numbers, parametric equations, and analytic geometry. An introduction to vectors, sequences, series, and limits. Preparation for the Calculus sequence.



Prerequisite: Mathematics 080 or Mathematics 085 or qualifying profile from Mathematics placement process.
 12896 8:00a-10:50a M Tu W Th Gonzalez C SCC D-216 06/13-08/04
 This class will meet on campus. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.

MATH 171, PRECALCULUS AND TRIGONOMETRY 5.0 UNITS



 13003 Frost A SCC CANVAS 07/11-08/05
 Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.

MATH 180, SINGLE VARIABLE CALCULUS I 4.0 UNITS

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



Prerequisite: Mathematics 170 or Mathematics 171 or qualifying profile from the mathematics placement process.
 12966 11:00a-1:10p M Tu W Th Hauscarriague A SCC D-217 06/13-08/04
 This class will meet on campus.

MATH 180, SINGLE VARIABLE CALCULUS I 4.0 UNITS

 12967 4:30p-6:40p M Tu W Th Cotter M SCC CANVAS 06/13-08/04
 Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. scccollege.edu/Canvas. There will be no instruction on-campus.



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 180/180H
 12899 8:00a-10:10a M Tu W Th Sakamoto S SCC SC-110 06/13-08/04
 This class will meet on campus.







MATH 219, STATISTICS AND PROBABILITY 4.0 UNITS

Introduction course in statistical reasoning. Includes descriptive statistics, graphical displays of data, probability and sampling distributions, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes the use of technology.






Prerequisite: Mathematics 080, 086 or qualifying profile from the mathematics placement process.
 12905 8:00a-10:10a M Tu W Th Wilson J SCC D-217 06/13-08/04
 This class will meet on campus. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.

MATH 219, STATISTICS AND PROBABILITY 4.0 UNITS


 13016 11:00a-1:00p M W Ninh J SCC CANVAS 07/11-08/05
 Virtual Hybrid Instruction. A combination of online instruction and some live streaming instruction via Zoom during the days and times indicated (M,W, 11-1PM). Students log in to Canvas. scccollege.edu/Canvas. There will be no instruction on-campus. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.

	12953		Sakamoto S	SCC CANVAS	06/13-08/05
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.				
	12974		Diaz D	SCC CANVAS	06/13-07/08
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.				
	13001		Kramer J	SCC CANVAS	07/11-08/05
	Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings. This class uses open sources where the textbook and the access code for online instruction are free to the student. Details about the online materials may be emailed to students up to one week before the first class meeting. IBA - This course's assignments may be assigned, completed, and submitted via the internet.				




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 students' experience of music. Recommended for non music majors.					
	15070	8:00a-12:15p	M W	Staff	SCC OHS 06/13-07/28
OHS- ECA: This class is part of Orange High School Early College Academy and is ONLY for the Early College Academy students and not open to other students.					
	12285		Cho K	SCC CANVAS	06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	12287		Woo Z	SCC CANVAS	06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	12295		Vu B	SCC CANVAS	06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	MUS 104, ROCK MUSIC HISTORY AND APPRECIATION	3.0 UNITS			
Historical survey of rock music from its beginning in the '50s to the present. All Rock and Pop styles will be discussed. Personalities and musical styles will be related to the sociology of the time period being studied. Field trips are required.					
	12296		Cadman S	SCC CANVAS	07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	12297		Staff	SCC CANVAS	06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					


NUTRITION AND FOOD (NUTR)

	NUTR 115, NUTRITION	3.0 UNITS			
A study of scientific concepts of nutrition relating to the functioning of nutrients in the basic life process. Emphasis is on individual needs, food sources of nutrients, current nutrition issues and diet analysis.					
Recommended Preparation: English 101/101H					
	12891		Eidenmuller H	SCC CANVAS	06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					








PHILOSOPHY (PHIL)

	PHIL 106, INTRODUCTION TO PHILOSOPHY	3.0 UNITS			
A survey of historical and contemporary ideas on how to live the good life.					
	11979		Pimentel M	SCC CANVAS	06/27-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	PHIL 108, ETHICS	3.0 UNITS			
Introduction to key historical and modern theories of philosophical ethics and the application of these theories to ethical issues facing society today. Assists in clarifying our thinking about morality/ethics. Course increases awareness of values in personal and contemporary issues.					
	11980	9:00a-12:10p	M Tu W Th	Donley D	SCC CANVAS 07/11-08/07
Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas . There will be no instruction on-campus					
	PHIL 110, CRITICAL THINKING	4.0 UNITS			
College level critical thinking and writing. Promotes rational self awareness, independent thinking, and improved academic expression. Examines philosophical methods of reasoning and composition, and the uses of informal logic and criticism in personal life, college, work, and democratic society.					
Prerequisite: English 101/101H					
	11981		Monge M	SCC CANVAS	06/27-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					

PHYSICS (PHYS)

	PHYS 250A, PHYSICS FOR SCIENTISTS AND ENGINEERS I	5.0 UNITS			
Principles of classical mechanics including particle dynamics, forces, work, energy, momentum, rotational motion, equilibrium, harmonic motion, gravity and fluid dynamics. This course is designed for students majoring in physical sciences and engineering.					
Prerequisite: Mathematics 180/180H					
	13021	8:00a-10:10a	M Tu W Th	Rutan C	SCC SC-203 06/13-08/04
		10:20a-1:55p	M W	Rutan C	SCC SC-203
This class will meet on campus.					

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.					
	11982	9:00a-10:30a	M Tu W Th	Staff	SCC CANVAS 06/13-08/07
Fully Remote Live Instruction. Live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. sccollege.edu/Canvas . There will be no instruction on-campus.					
	11984		Shekarabi N	SCC CANVAS	06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	12071		Shekarabi N	SCC CANVAS	06/13-07/24
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	12072		Carpio B	SCC CANVAS	07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	12073		Carpio B	SCC CANVAS	07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	12074		Crammer C	SCC CANVAS	07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					
	12075		Crammer C	SCC CANVAS	07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work. sccollege.edu/Canvas . There will be no scheduled instructional meetings.					

PSYCHOLOGY (PSYC)

PSYC 100, INTRODUCTION TO PSYCHOLOGY 3.0 UNITS

An introduction to the major theories, methods, concepts, ethical issues, and findings in the major fields in psychology including (but not limited to): research methods, biological bases of behavior, perception, learning, memory, cognition, emotion, motivation, development, personality, social, and abnormal psychology.

12060 Hager S SCC CANVAS 06/13-07/24
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

12061 Breeden E SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

12062 Keo-Trang Z SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

12063 Bellas P SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

PSYC 157, INTRODUCTION TO CHILD PSYCHOLOGY 3.0 UNITS

Survey of human development from conception through adolescence. Covers major theories of development (cognition, perception, language, personality, etc.) and their application to parenting, teaching, and other interactions with children. (No credit if student has taken Child Development 107.)

12065 Cannon C SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

PSYC 160, INTRODUCTION TO LIFESPAN PSYCHOLOGY 3.0 UNITS

An overview of human development from conception through death, including biological and environmental influences. Psychological theories and research regarding physical, cognitive, social and emotional development over the lifespan will be examined.

12066 Mendoza C SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

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.

Prerequisite: Psychology 100/100H

12067 Cannon C SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

PSYC 220, INTRODUCTION TO RESEARCH METHODS IN PSYCHOLOGY 4.0 UNITS

Emphasizes methods of study in psychology including: sound and ethical experimental design, analysis of variables contributing to experimental results, data treatment, and communicating findings.

Prerequisite: Mathematics 219/219H Psychology 100/100H and Mathematics 219/219H

12068 Cannon C SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

PSYC 240, INTRODUCTION TO SOCIAL PSYCHOLOGY 3.0 UNITS

An exploration of individual human behavior in relation to the social environment, examining the power of the situation, social interaction and social groups. Emphasized topics will include: aggression, prejudice, attraction, attitudes, group dynamics, self-development and social cognition. (No credit if student has taken Sociology 240.)

12069 Chantana N SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

PSYC 250, INTRODUCTION TO ABNORMAL PSYCHOLOGY 3.0 UNITS

This course is an introduction to the scientific study of psychopathology and atypical behaviors. An investigation of abnormal behavior from an integrative approach utilizing the biological, psychological and sociocultural perspectives. A comprehensive survey of theory and research in abnormal psychology with identification, etiology, intervention and prevention being presented.

Prerequisite: Psychology 100/100H

12070 Breeden E SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

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: English 101/101H or concurrent enrollment

12298 Lyons K SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

REAL ESTATE (RE)

RE 102, REAL ESTATE PRINCIPLES 3.0 UNITS

Provides basic information about real estate and prepares students for advanced study in specialized courses. Includes deeds, titles, agency, contracts, mathematics, finance, appraisal, escrow, leases. Required for the California real estate salesperson license.

12497 Gates A SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

RE 103, LEGAL ASPECTS OF REAL ESTATE 3.0 UNITS

California real estate law including contracts, ownership, estates, easements, landlord-tenant, trust deeds, liens, agency, security devices, and land use. Applies towards: (1) required course for the California real estate salesperson licensing and (2) California real estate broker's license requirements.

12498 Gates A SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

RE 105, REAL ESTATE PRACTICE 3.0 UNITS

Operation of the real estate business and the role of the agent. Includes listing, prospecting, sales techniques, use of current real estate forms; financing, title insurance, escrow and taxation. This course is required for the educational requirement for the California real estate salesperson license and may be applied toward the California real estate broker license requirements.

12499 Gates A SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled 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.

12279 Govea-Von Velasco M SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

12280 Gause T SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

12281 Gause T SCC CANVAS 06/13-07/10
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

12282 Govea-Von Velasco M SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
sccollege.edu/Canvas. There will be no scheduled instructional meetings.

O 12283 Griffin N SCC CANVAS 07/11-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled 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.

VH 11689 10:15a-12:15p M Tamariz S SCC CANVAS 06/13-08/07
Virtual Hybrid Instruction. A combination of online instruction and some live streaming instruction via Zoom during the days and times indicated. Students log in to Canvas. scccollege.edu/Canvas. There will be no instruction on-campus.

O 11688 Fajardo L SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

SPAN 194, BEGINNING CONVERSATIONAL SPANISH 3.0 UNITS
Development of conversational and composition skills. Review of language structure through discussions, conversations, readings and compositions dealing with Spanish speakers? culture and current events.

Prerequisite: Spanish 101/101H, 101B or two years of high school Spanish

C 11690 10:15a-1:25p Tu Th Saldana I SCC H-231 06/14-08/04
This course will meet on campus.

WATER UTILITY SCIENCE (WATR)

WATR 050, WATER MATHEMATICS AND HYDRAULICS 3.0 UNITS
Practical application of mathematics to perform unit conversions and to calculate areas, volumes, flow rates, pressures, velocities, chemical dosages and related hydraulic calculations used in water system operations.

Recommended Preparation: Mathematics N06 or equivalent skills as measured by the Mathematics Level 1 Exam

O 12526 Rodriguez D SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

WATR 065, BACKFLOW PREVENTION DEVICES 3.0 UNITS
Theory, testing, and maintenance of backflow prevention devices in water systems. Prepares the journeyman plumber, plant maintenance operator, and water utility operator to become a certified tester in Orange County. Also prepares the student for American Water Works Backflow Prevention certification exam.

H 12527 Elmishad H SCC HYBRID 06/13-08/07
6:00p-8:00p W Elmishad H SCC B-103
On-Campus Hybrid Instruction. A combination of online instruction and on-campus meetings during the days and times indicated. Students log in to Canvas. scccollege.edu/Canvas.

WATR 071, WATER TREATMENT FUNDAMENTALS 3.0 UNITS
Presents the basic operating principles and techniques of the conventional surface water treatment process of coagulation, flocculation, sedimentation, and filtration, plus those of common disinfection processes. Assists in preparation for Grade T1 and T2 Water Treatment Operator certification examination given by the California State Water Resources Control Board, Division of Drinking Water Programs. Optional field trips may be offered.

Prerequisite: Water Utility Science 050

O 12528 Dennis J SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

WATR 080, INTRODUCTION TO WASTEWATER TREATMENT 3.0 UNITS
This course provides an overview of the basic principles of wastewater treatment including wastewater characteristics, collection systems, preliminary, primary, secondary, and tertiary treatment, wastewater recycling, and residuals handling. It is intended both for students preparing to become certified wastewater treatment operators, as well as students interested in discovering how the environmental impacts of human activities are minimized through modern wastewater treatment technologies. Field trips may be required.

O 12530 McLean S SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.

WATR 083, COLLECTION SYSTEMS 3.0 UNITS

Sewer construction, inspection and testing, cleaning methods, safety, elementary hydraulics, pipeline repair, equipment maintenance, communications, and record keeping. Successful completion provides student with 48 CWEA contact hours and 4 SWRCB educational points. Preparation for CWEA Wastewater Collection System exam all Grades. Optional field trips may be offered.

O 12529 Rodriguez D SCC CANVAS 06/13-08/07
Fully Online Instruction. Students are required to log in to Canvas by the first day of class for detailed information and required course work.
scccollege.edu/Canvas. There will be no scheduled instructional meetings.