

# INTERSESSION

Schedule Of Classes

# 2016

January 4, 2016 – January 29, 2016



A complete list of classes available online: [sac.edu](http://sac.edu)



We are excited to continue SAC's outstanding history and legacy of success. Our faculty and staff, academic programs and student services are ranked high in quality among our alumni. We encourage you to take advantage of Intercession to accelerate achieving your academic goal.

The SAC Family looks forward to serving your educational needs. See you around campus!

Erlinda J. Martinez, Ed.D.

# HOW TO APPLY AND REGISTER

## STEP ONE:

To apply to Santa Ana College, complete an application online at [www.sac.edu](http://www.sac.edu). Under the “Study at SAC” heading, click on the “How to Apply” link. After submitting all of your information, you will receive an e-mail confirmation from CCCApply. Within 24 hours, you will receive another e-mail from Santa Ana College with your login information and important registration information. You will be able to log in to **WebAdvisor** to register for classes.

## STEP TWO:

### ONLINE REGISTRATION STEPS:

WebAdvisor is open Monday–Sunday (Please note: The online system will not be available on Saturdays from 2:00 am to 5:00 am).

- 1 Go to [www.sac.edu](http://www.sac.edu) and click on the “WebAdvisor” link.
- 2 Click on “Log In” from the Main Menu.
- 3 Log in (if you forget your password, go back to the Main Menu and click on the “What’s my password?” link).
- 4 From the Menu, click on the “Student” tab.
- 5 Click on “Register for Classes” from the Registration Menu.
- 6 Follow the instructions to complete your registration.
- 7 Pay immediately to keep your classes.

### ONLINE PRIORITY REGISTRATION DATES:

Continuing Students . . . . . Nov. 4, 2015 – Dec. 31, 2015  
New Students . . . . . Nov. 6, 2015 – Dec. 31, 2015  
CAP High School Students . . . . . Dec. 16, 2015 – Dec. 31, 2015

### DROP FOR NON-PAYMENT POLICY

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

### STUDENT RESPONSIBILITY TO DROP CLASSES

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

### WAIT LIST POLICY

You are not able to wait list more than one section per course. You cannot wait list a course that will conflict with another course. As seats become available, students will be moved into an open seat. You will be notified by email (it is your responsibility to make sure that your e-mail is up-to-date) **and will have 3 calendar days to pay for the course or you will be dropped.** If your name remains on the wait list, you must attend the first class meeting and obtain the instructor’s approval to add the course (Log in to **WebAdvisor** often to check your status on the wait list).

## NOTE:

Please check that your email address is current in your student profile via **WebAdvisor**.

**Hours are Monday–Thursday, 8:00 am–6:45 pm  
Friday, 8:00 am–4:30 pm (Hours subject to change)**

## PAY FEES IMMEDIATELY

Fees must be paid within 3 calendar days of registering for courses or you will be dropped for non-payment. The date that you register counts as the first calendar day.

**Pay Online** with a credit card at [www.sac.edu](http://www.sac.edu)

**Pay in person** at the college cashier’s office locations listed on this page. Payment by check, Visa, MasterCard, and Discover are accepted.

**or mail check or money order to:**

Registration, SAC Cashier’s Office, 1530 W. 17th Street,  
Santa Ana, CA 92706

Registration, SCC Cashier’s Office, 8045 E. Chapman Avenue,  
Orange, CA 92869

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

**Enrollment Fee:** \$46.00 per unit. Payment is required of all students upon registering for classes.

**Non Resident Tuition:** \$240.00 per unit in addition to the per enrollment fee for non-resident students. Refer residency questions to the Admissions office.

**Health Fee:** \$16.00 for intersession is charged to all students whether or not they choose to use health services.

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

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

**Representation Fee:** \$2.00 at SAC. \$1.00 at SCC.

**Student Photo Identification Card:** \$2.50 for College Services: Library, student and instructional services.

**College Activities Fee:** \$10.00 for college activities and discounts.

**Parking Fee:** A permit is not required to park on campus during Intersession. Permits are required beginning with the start of full semester classes.

## FIRST CLASS MEETING

Make sure you attend the first class meeting!

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

## PHOTOGRAPHY:

Santa Ana College/Santiago Canyon College, a non-profit California Community College, reserves the right to use photography and video images of students and visitors, age 18 and older, taken on our property and at college-sponsored events for marketing and promotional purposes. Objection to the use of an individual’s photograph may be made in writing to Public Affairs and Publications, RSCCD District Office, 2323 N. Broadway, Suite 408, Santa Ana, CA 92706.

Can’t find the class you need? It may be waiting for you at  
**SANTIAGO CANYON COLLEGE (SCC)**  
Classes for both SAC and SCC are listed online




# CALENDAR FOR INTERSESSION 2016 CLASSES

Nov. 4, 2015 – Dec. 31, 2015 . . . .	Online registration
December 21–27, 2015 . . . . .	College is closed for holidays
January 1, 2016. . . . .	College is closed for New Year's Day
January 4. . . . .	Instruction begins
January 5. . . . .	Last day to add a class with instructor's signature or add code
January 5. . . . .	Last day to drop a class with enrollment fee refund and no "W" grade
January 11. . . . .	Last day to file Pass/No Pass
January 18. . . . .	Martin Luther King Holiday
January 22. . . . .	Last day to drop a class with "W" grade
Last Day of Class. . . . .	Intercession final exams
January 31. . . . .	Intercession ends
February 8. . . . .	Full Spring semester instruction begins

## OFF-CAMPUS FIELD TRIPS POLICY

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

## NOTES

-  Online Classes. For more information go to [www.sac.edu/disted](http://www.sac.edu/disted)
-  Hybrid Classes. For more information go to [www.sac.edu/disted](http://www.sac.edu/disted)
-  Off campus field trips. Read the policy on this page.

## FREQUENTLY ASKED QUESTIONS

### DO I have to apply for both Intercession (2016SI) and Spring (2016SP)?

- Yes, if you are not currently enrolled in a Fall 2015 (2015FA) semester class.

### IF I complete a 2016SI application and would like to enroll in 2016SP classes, do I have to fill out another application?

- Yes, you can submit both applications on or after November 1, 2015.

### WHERE do I apply for the Intercession?

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

### HOW do I enroll for Intercession Classes?

- Enroll online via WebAdvisor at [www.sac.edu](http://www.sac.edu), November 4, 2015 – December 31, 2015. **NOTE:** College is closed for Christmas holidays, December 21–27, 2015.

### PROBLEMS registering?

- Have you attended SAC or SCC during the Fall Semester 2015?  
**No:** You need to submit an application prior to registering for classes—apply online.  
**Yes:** Continue with the following questions.
- Have you completed the needed prerequisites for the class? If not, call Counseling and make an appointment, 1-714-564-6100.
- Have you taken the course at least 2 times already? If yes, call Counseling and make an appointment, 1-714-564-6100.




### DO I need a parking permit during the January Intercession classes?

- No: Permits are required beginning with the start of full semester classes!

## REGISTRATION QUESTIONS? CALL 714-564-6005

# SCHEDULE OF CLASSES

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
<b>ACCOUNTING</b>					
<b>ACCOUNTING 035, QUICKBOOKS</b>			<b>2.0 UNITS</b>		
<i>Preparation of accounting records for businesses using the QuickBooks software in the Windows environment. Topics include customer transactions, vendor transactions, bank reconciliations, reports, company file setup, and customization of QuickBooks.</i>					
18718	6:00p-10:15p	Tu Th	McCallick M	SAC A-211	01/05-01/28
<b>ANTHROPOLOGY</b>					
<b>ANTHROPOLOGY 100, INTRODUCTION TO CULTURAL ANTHROPOLOGY</b>			<b>3.0 UNITS</b>		
<i>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.</i>					
17725	9:00a-12:20p	M Tu W Th	Cundiff W	SAC VL-204	01/04-01/28
17724	6:00p-9:20p	M Tu W Th	Plascencia M	SAC VL-204	01/04-01/28

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
<b>ART</b>					
<b>ART 100, INTRODUCTION TO ART CONCEPTS</b>			<b>3.0 UNITS</b>		
<i>A study of the visual arts in relation to both personal and cultural expressions. Fundamentals of visual organization, color theory, terminology, historical art movements and concepts will be studied. Required for art majors.</i>					
 18391			Redfield M	SAC WEB	01/04-01/29
Section 18391. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
 18392			Redfield M	SAC WEB	01/04-01/29
Section 18392. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
 18727			Monroe J	SAC WEB	01/04-01/29
Section 18727. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <a href="http://rsccd.blackboard.com">http://rsccd.blackboard.com</a> .					
18382	8:00a-11:20a	M Tu W Th	Fosmire E	SAC C-104	01/04-01/28
20702	8:00a-11:20a	M Tu W Th	Soriano I	SAC C-213	01/04-01/28
18380	2:30p-5:50p	M Tu W Th	Marquez P	SAC C-104	01/04-01/28

## ASTRONOMY

<b>ASTRONOMY 109, INTRODUCTION TO THE SOLAR SYSTEM</b>			<b>3.0 UNITS</b>		
<i>Surveys history of astronomy, recent research and observations of the planets, moons, and other solar system objects. Exploration of light and gravity to understand formation, properties, and motion of Solar System objects.</i>					
18781	9:00a-12:20p	M Tu W Th	Barebaum M	SAC R-124	01/04-01/28
<b>ASTRONOMY 110, INTRODUCTION TO STARS AND GALAXIES</b>			<b>3.0 UNITS</b>		
<i>Surveys the development of astronomy, current research and observations of stars, galaxies, and large-scale structures in the universe. Exploration of light and gravity to understand the properties and evolution of stars, neutron stars, black holes, galaxies, and the universe structures and changes.</i>					
18783	2:00p-5:20p	M Tu W Th	Staff	SAC R-124	01/04-01/28

## FIRST CLASS MEETING

Make sure you attend the first class meeting!

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

## AUTOMOTIVE TECHNOLOGY

### AUTOMOTIVE TECHNOLOGY 002, ESSENTIALS 3.0 UNITS

Intended for automotive majors. Introduction to basic practical applications of technology required for advanced-level courses. Theory, parts nomenclature, and description of systems are emphasized.

20232 6:00p-10:15p Tu W Th English N SAC J-115 01/05-01/28

### AUTOMOTIVE TECHNOLOGY 083, AUTOMOTIVE LAB SCOPES 3.0 UNITS

This course covers the use of automotive lab scopes for analyzing modern vehicles. Test procedures will be emphasized. Suggested preparation: Automotive Technology 002 or 006 and 032 or one year tune-up related trade experience. The use of San Tools will also be covered.

20233 8:00a-12:15p Tu W Th Serrano, Jr. M SAC J-115 01/05-01/28

### AUTOMOTIVE TECHNOLOGY 086, ADVANCED CLEAN AIR CAR COURSE 2.0 UNITS

This is a Bureau of Automotive Repair certified course. It is designed to provide advanced diagnostic training for smog licensed technicians. This course is required before taking the Smog License Renewal or initial smog exam. Suggested preparation: Automotive Technology 032 or a California Smog License.

20234 6:00p-10:15p Tu Th Rudd J SAC R-114 01/05-01/28

## BIOLOGY

### BIOLOGY 109, FUNDAMENTALS OF BIOLOGY 3.0 UNITS

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

18784 8:00a-11:20a M Tu W Th Lopez J SAC R-128 01/04-01/28

### BIOLOGY 109L, FUNDAMENTALS OF BIOLOGY LABORATORY 1.0 UNIT

Laboratory experiments that illustrate important biological concepts at all levels of organization, from molecules and cells, to organisms, populations, communities, and ecosystems. Content complements Biology 109/109H lecture material. Fieldtrip required.

18787 11:30a-2:50p M Tu W Th Chroman L SAC R-202 01/04-01/28

18788 3:00p-6:20p M Tu W Th Mirbolooki M SAC R-202 01/04-01/28

18789 6:30p-9:50p M Tu W Th Dinh M SAC R-202 01/04-01/28

## BUSINESS

### BUSINESS 103, COOPERATIVE WORK EXPERIENCE-OCCUPATIONAL EDUCATION -OCCUPATIONAL 1.0 - 16.0 UNITS

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

Open Entry / Open Exit

18720 TBA Molitor M SAC A-107-4 01/04-01/29  
Section 18720 Orientation on Mon., Jan.4, 6:00p- 6:50p, SAC A-104. Email the instructor before the first week of class at: [Molitor\\_Martha@sac.edu](mailto:Molitor_Martha@sac.edu).

### BUSINESS 130, PERSONAL FINANCE 3.0 UNITS

Various aspects of personal financial planning covering family budgeting, investments, housing, insurance, taxation, estate planning, credit and its uses, planning for retirement, and installment buying.

19761 6:00p-10:15p Tu W Th Strong J SAC A-209 01/05-01/28

### BUSINESS 222, BUSINESS WRITING 3.0 UNITS

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

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

20748 9:00a-12:20p M Tu W Th Furlong E SAC A-108 01/04-01/28

## BUSINESS APPLICATIONS

### BUSINESS APPLICATIONS 043, MICROSOFT CERTIFIED APPLICATION SPECIALIST PREPARATION 0.5 UNIT

Prepares students to take the Microsoft Certified Application Specialist (MCAS) certification exams. Students choose practice programs that replicate actual MCAS exams for Word, Excel, PowerPoint, Access and/or Outlook.

18748 6:00p-8:00p Tu Holland C SAC A-224 01/05-01/26

## CHEMISTRY

### CHEMISTRY 209, INTRODUCTORY CHEMISTRY 4.0 UNITS

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

Prerequisite: Mathematics 080 or 081 with a minimum grade of C.

18790 9:00a-12:20p M Tu W Th Jenkins C SAC R-303 01/04-01/28

12:30p-3:50p M Tu W Th Jenkins C SAC R-301

18792 12:20p-3:40p M Tu W Th Nguyen W SAC R-318 01/04-01/28

8:30a-11:50a M Tu W Th Nguyen W SAC R-301

18791 1:00p-4:20p M Tu W Th Lastra S SAC R-303 01/04-01/28

4:30p-7:50p M Tu W Th Lastra S SAC R-301

## CHICANO STUDIES

### CHICANO STUDIES 101, INTRODUCTION TO CHICANO STUDIES 3.0 UNITS

An interdisciplinary survey of Chicano society from a sociological, economic, political, philosophical, and cultural perspective from pre-Columbian civilizations to contemporary society. This course is designed to present a foundation in Chicano history.

17726 6:00p-9:20p M Tu W Th Valles R SAC VL-301 01/04-01/28

## CHINESE

### CHINESE 101, ELEMENTARY CHINESE I 5.0 UNITS

Practice and integration of pronunciation, grammar, vocabulary, and common idioms through listening, speaking, reading, and writing so that students can begin to express thoughts orally and in writing. The class will also introduce students to culture and social linguistic knowledge appropriate to Chinese-speaking societies.

17883 9:00a-1:25p M Tu W Th F Satow J SAC VL-106 01/04-01/29

## COMMUNICATION STUDIES

### COMMUNICATION STUDIES 101, INTRODUCTION TO INTERPERSONAL COMMUNICATION 3.0 UNITS

Introduction to communication theory, listening, perception, language usage, non-verbal communication, and conflict management.

18729 6:00p-9:00p Th Pierce C SAC HYBRID 01/04-01/28  
Pierce C SAC C-207

Section 18729. Online instruction plus mandatory on campus meetings Thurs., January 14th, 6:00pm - 9:00pm, C-207; Thurs., January 28th, 6:00pm - 9:00pm, C-207. Students are required to log on to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

18383 8:00a-11:20a M Tu W Th Harris M SAC C-207 01/04-01/28

18384 6:00p-9:20p M Tu W Th Moorhead C SAC C-214 01/04-01/28

### COMMUNICATION STUDIES 102, PUBLIC SPEAKING 3.0 UNITS

Teaches critical thinking skills in relation to public speaking. Emphasis on the process, principles, and major facets of critical thinking with practice through oral presentations. Communication Studies 097 recommended for non-native speakers.

18385 9:00a-1:35p M Tu Th Cummings R SAC C-202 01/04-01/28

18387 9:00a-1:35p M Tu Th Barone K SAC C-214 01/04-01/28

18388 6:00p-9:20p M Tu W Th Reyes E SAC C-202 01/04-01/28

18386 6:00p-9:20p M Tu W Th Shiba L SAC C-213 01/04-01/28

## COMMUNICATIONS & MEDIA STUDIES

### COMMUNICATIONS & MEDIA STUDIES 111, MEDIA, RACE AND GENDER 3.0 UNITS

This multimedia course is an overview of the social and cultural implications of mass media on race and gender from the 1920s to the present. Using works of philosophical and cultural importance students will analyze and debate the changes in the faces of media with particular focus on social class, gender and ethnicity.

18753 9:00a-12:20p M Tu W Th Bennett S SAC A-128 01/04-01/28

## COMPUTER SCIENCE

### COMPUTER SCIENCE 100, THE COMPUTER AND SOCIETY 3.0 UNITS

An introduction to the area of computers and their relationship to today's information society. Examines a broad overview of topics including hardware, software, networking, information technology, and the Internet. The student will explore the implication and effect of technology on society, careers, and ethics.

Software Utilized: MS Office 2013

18735 6:00p-9:20p M Tu W Th Dahlen N SAC A-206 01/04-01/28

### COMPUTER SCIENCE 135, SOFTWARE DEPLOYMENT MECHANISMS 1.5 UNITS

Computer software deployment strategies in large computer systems.

19762 6:00p-9:35p M W Quach N SAC A-215 01/04-01/27

### COMPUTER SCIENCE 139, CONFIGURATION AND ADMINISTRATION OF LOCAL AREA NETWORKS 1.5 UNITS

The configuration and administration of Windows-based local area networks, including planning, hardware, software and Internet connectivity. Recommended preparation: completion of Windows server course.

19763 6:00p-9:10p Tu Th Quach N SAC A-215 01/05-01/28

## COUNSELING

### COUNSELING 110, UNIVERSITY TRANSFER RESEARCH 0.5 - 2.0 UNITS

Development and enhancement of decision-making strategies for transfer students. Identification of educational/career goals. Analysis, comparison, and evaluation of university entrance, major, and post-graduate requirements, and student services. On-site research/field study at universities.

20743 8:00a-12:00p Tu W Th F Zook R SAC 01/26-01/29

12:30p-4:30p Tu W Th F Vargas M SAC

Section 20743 is a four day field trip to Northern California Universities.

Please apply through the University Transfer Center.

### COUNSELING 116, CAREER/LIFE PLANNING AND PERSONAL EXPLORATION 3.0 UNITS

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

Material Fee(s): \$16.00

20738 Staff SAC WEB 01/04-01/29

Students must attend one of the following class orientations: Mon 1/4 or Tue 1/5; 6:00pm-7:00pm, SAC L-222. Students are required to log on to Blackboard on the first day of classes, Mon. 1/4 <http://rscdd.blackboard.com> Material Fee(s): \$16.00

19274 Sadler D SAC WEB 01/04-01/29

Students must attend one of the following class orientations: Mon 1/4 or Tue 1/5; 6:00pm-7:00pm, SAC L-222. Students are required to log on to Blackboard on the first day of classes, Mon. 1/4 <http://rscdd.blackboard.com> Material Fee(s): \$16.00

19275 9:00a-1:15p Tu W Th Muir S SAC I-108 01/05-01/28

20737 2:00p-6:15p Tu W Th Staff SAC I-101 01/05-01/28

19487 6:00p-10:15p Tu W Th Santacruz R SAC I-108 01/05-01/28

**COUNSELING 144, REASONING AND PROBLEM SOLVING** **3.0 UNITS**

The nature of critical thinking, models and strategies; common fallacies of reasoning, self-regulation in the thinking process; application of critical thinking to complex issues of life. Not open to students who are enrolled or have credit in Philosophy 144.

19277	6:00p-10:15p	Tu W Th	Gilmour D	SAC I-209	01/05-01/28
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## CRIMINAL JUSTICE

**CRIMINAL JUSTICE 101, INTRODUCTION TO CRIMINAL JUSTICE** **3.0 UNITS**

A survey of the philosophy and history of criminal justice system (law enforcement, courts, corrections); processes of justice from detection of crime to parole; evaluation of modern criminal justice delivery systems.

18755	8:00a-11:20a	M Tu W Th	Gonis Jr A	SAC H-207	01/04-01/28
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## CRIMINAL JUSTICE ACADEMIES

**CRIMINAL JUSTICE ACADEMIES 009B, FITNESS FOR LAW ENFORCEMENT** **0.1 - 0.3 UNITS**

Training designed specifically for law enforcement and those with an interest in entering law enforcement.

13173	6:00p-8:00p	Tu Th	Sneddon M	CJTC-SD	01/12-02/04
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if you plan to attend all classes, enroll in .3 units

## DANCE

**DANCE 100, DANCE HISTORY AND APPRECIATION** **3.0 UNITS**

The development of dance in Western Europe and the U.S. from ancient times to the present. Explores dance as an emerging art form from the Renaissance to the 21st Century. Emphasizes the contemporary dance heritage of the United States.

18393			Westergard-Dobson C	SAC WEB	01/04-01/29
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Section 18393. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

**DANCE 105, WORLD DANCE AND CULTURES** **3.0 UNITS**

Dance around the world is studied in its cultural/social context. Emphasis on the different ways dance is used to express ideas about religion, cultural identity, myths, and social ideals. Includes cultures from Africa, Asia, Europe, India, Latin America, Middle East, and North America, plus a focus on Southern California. Videotaped performances enhance the course.

18389	9:00a-12:20p	M Tu W Th	Garcia R	SAC I-103	01/04-01/28
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## EARTH SCIENCE

**EARTH SCIENCE 110, INTRODUCTION TO EARTH SCIENCE** **3.0 UNITS**

A study of the processes that shape and form the Earth and define its place in the solar system. Introduction to the sciences of geology, oceanography, meteorology, and astronomy. Not open to students who are enrolled, or have credit in Geology 101 or Geography 101.

18794	1:00p-4:20p	M Tu W Th	Hughes P	SAC R-111	01/04-01/28
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## ECONOMICS

**ECONOMICS 120, PRINCIPLES/MACRO** **3.0 UNITS**

Introduction to macroeconomics, including basic economic concepts, analysis of markets, national income accounting, employment, short run business cycle fluctuations, long run growth trends, monetary and fiscal policies, and international economic issues. Intended for economics, business, and certain engineering/computer science majors. MATH 080 or 081 is recommended.

Prerequisite: MATH 060 or MATH 061 with a minimum grade of C.

17727	9:00a-12:20p	M Tu W Th	Montes A	SAC VL-310	01/04-01/28
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**ECONOMICS 121, PRINCIPLES/MICRO** **3.0 UNITS**

Introduction to microeconomics, including basic economic concepts, analysis of markets, efficiency, consumer and firm behavior, industry structures, market failure, and resource markets. For economics, business, and certain engineering and computer science majors. MATH 080 or 081 is recommended.

Prerequisite: MATH 060 or MATH 061 with a minimum grade of C.

17728	1:00p-4:20p	M Tu W Th	Montes A	SAC VL-311	01/04-01/28
17729	6:00p-9:20p	M Tu W Th	Staff	SAC VL-310	01/04-01/28

## ENGINEERING

**ENGINEERING 183, AUTOCAD I - COMPUTER AIDED DRAFTING** **3.0 UNITS**

A first course in computer drafting using AutoCAD software. Topics include display and file management, units, entities, object selection, advanced editing, layers, dimensions, text, graphic exchange.

Software Utilized: AutoCAD 2014

18736	6:00p-10:15p	M Tu W Th	Gallegos H Gallegos H	SAC HYBRID SAC A-225	01/04-01/28
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Section 18736 Online instruction plus mandatory on-campus meetings every Mon., Tues., Wed., & Thurs. 6:00p-10:15p, SAC A-225.

## ENGLISH

**ENGLISH N60, BASICS OF EFFECTIVE WRITING** **3.0 UNITS**

Sentence structure and paragraph writing including reading-based modeling and integrated study skills. Not applicable to associate degree.

Prerequisite: English N50 with a minimum grade of C or qualifying profile from English placement process.

20426	9:00a-1:30p	M Tu W Th	Sosta R	SAC I-207	01/04-01/28
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**ENGLISH 061, INTRODUCTION TO COMPOSITION** **3.0 UNITS**

Expository paragraph writing emphasizing various methods including argumentation. Practice in refining sentence skills and grammar.

Prerequisite: English N60 with a minimum grade of C or qualifying profile from English placement process.

17730	9:00a-1:30p	M Tu W Th	Higgins M	SAC VL-207	01/04-01/28
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**ENGLISH 101, FRESHMAN COMPOSITION** **4.0 UNITS**

Expository and argumentative essays and the research paper. Special interest sections described in schedule of classes.

Prerequisite: English 061 or English for Multilingual Students 112 or Adult Basic Education 116 with a minimum grade of C or qualifying profile from English placement process.

17734	5:00p-6:50p	M	Axtell C Axtell C	SAC HYBRID SAC VL-309	01/04-01/29
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Section 17734 combines online instruction plus mandatory on-campus meetings on Monday 1/4, 1/11, 1/25 from 5-6:50pm in SAC VL-309. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Attendance at the first class meeting is mandatory. Email instructor the first week of class ([axtell\\_christina@sac.edu](mailto:axtell_christina@sac.edu)).

17737	5:00p-6:50p	M	Ramshaw C Ramshaw C	SAC HYBRID SAC VL-207	01/04-01/29
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Section 17737 combines online instruction plus mandatory on-campus meetings on Monday 1/4, 1/11, 1/25 from 5-6:50pm in SAC VL-207. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Attendance at the first class meeting is mandatory. Email instructor the first week of class ([ramshaw\\_charles@sac.edu](mailto:ramshaw_charles@sac.edu)).

20750	6:00p-7:50p	W	Griffin A Staff	SAC HYBRID SAC I-104	01/04-01/29
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Section 20750 combines online instruction plus 3 mandatory on-campus meetings on Wednesdays 1/6, 1/13 and 1/27 from 6-7:50pm in SAC I-104. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Attendance at the first class meeting is mandatory. Email instructor on the first day of class ([griffin\\_alice@sac.edu](mailto:griffin_alice@sac.edu)).

20752	6:00p-7:50p	M	Staff Staff	SAC HYBRID SAC I-104	01/04-01/29
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Section 20752 combines online instruction plus 3 mandatory on-campus meetings on Mondays 1/4, 1/11 and 1/25 from 6-7:50pm in SAC I-104. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Attendance at the first class meeting is mandatory. Email instructor on the first day of class. (@sac.edu).

17736	8:00a-12:30p	M Tu W Th	Bassett D	SAC I-102	01/04-01/28
17732	8:00a-12:30p	M Tu W Th	Bradley M	SAC VL-307	01/04-01/28
17735	9:00a-1:30p	M Tu W Th	Martinez Guzman D	SAC VL-312	01/04-01/28
20751	12:00p-4:30p	M Tu W Th	Staff	SAC I-106	01/04-01/28
17733	5:30p-10:00p	M Tu W Th	Higgins C	SAC VL-305	01/04-01/28

**ENGLISH 102, LITERATURE AND COMPOSITION** **4.0 UNITS**

A second semester course in composition and literature that uses literature to develop critical thinking skills with extensive readings selected from the four major genres.

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

17816	9:00a-1:30p	M Tu W Th	Diller J	SAC VL-309	01/04-01/28
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**ENGLISH 103, CRITICAL THINKING AND WRITING** **4.0 UNITS**

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

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

17817	10:00a-11:50a	M	Beyersdorf M Beyersdorf M	SAC HYBRID SAC VL-302	01/04-01/29
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Section 17817 combines online instruction plus mandatory on-campus meetings on Monday 1/4, 1/11, 1/25 from 10-11:50am in SAC VL-302. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Attendance at the first class meeting is mandatory. Email instructor the first week of class ([beyersdorf\\_matthew@sac.edu](mailto:beyersdorf_matthew@sac.edu)).

17818	9:00a-1:30p	M Tu W Th	Patterson K	SAC VL-305	01/04-01/28
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## FRENCH

**FRENCH 101, ELEMENTARY FRENCH 1** **5.0 UNITS**

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

17819	8:00a-12:25p	M Tu W Th F	Hartstein S	SAC I-104	01/04-01/29
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**Can't find the class you need?**

**It may be waiting for you at  
Santiago Canyon College!**

**View SCC's class schedule at  
[www.sccollege.edu/schedule](http://www.sccollege.edu/schedule)**

**Hurry! Class sizes are limited.**

**Academic Planning Questions?**

**[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)**

## GEOGRAPHY

### GEOGRAPHY 100, WORLD REGIONAL GEOGRAPHY 3.0 UNITS

The study of major world political and natural regions. Course study includes location of the regions on earth, the physical and cultural elements that lend the regions their identities, and ways in which these elements relate to the regions' inhabitants and economies.

17821 8:00a-11:20a M Tu W Th Courter W SAC VL-110 01/04-01/28

### GEOGRAPHY 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.

18273 Conley J SAC WEB 01/04-01/29

Section 18273 online instruction. NO on-campus meeting times. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Email instructor first week of class. (conley\_john@sac.edu)

## GEOLOGY

### GEOLOGY 101, INTRODUCTION TO GEOLOGY 3.0 UNITS

Introductory course for students in any major. Study of the internal and external processes that shape the earth (earthquakes, volcanoes, groundwater, streams, landslides). Optional field trip offered. Concurrent enrollment in Geology 101L is recommended.

18795 9:00a-12:20p M Tu W Th Hughes P SAC R-111 01/04-01/28

### GEOLOGY 101L, INTRODUCTION TO GEOLOGY LABORATORY 1.0 UNIT

Study of the common minerals and rocks. Map reading and interpretation of geology using topographic maps, geologic maps, and aerial photos.

19717 6:30p-9:50p M Tu W Th Kingsbury S SAC R-111 01/04-01/28

## HISTORY

### HISTORY 120, THE UNITED STATES TO 1865 3.0 UNITS

Examines major political, economic, intellectual, and social forces at home and abroad that shaped American life from the colonial period through the Civil War.

17822 9:00a-12:20p M Tu W Th Ghelfi G SAC VL-308 01/04-01/28

17823 2:30p-5:50p M Tu W Th Deluna D SAC VL-308 01/04-01/28

### HISTORY 121, THE UNITED STATES SINCE 1865 3.0 UNITS

A critical analysis of American history. Includes industrial and technological development, the changing nature of society, cultural developments, domestic politics, and America's expanded world role.

17824 1:00p-4:20p M Tu W Th Ghelfi G SAC VL-306 01/04-01/28

### HISTORY 124, MEXICAN AMERICAN HISTORY IN THE UNITED STATES 3.0 UNITS

Survey of Mexican American history in the U.S. from the Pre-Columbian period to the present. Emphasis on Mexican American contributions to the political, social, economic, and cultural development of the U.S. Will also examine the relationship of Mexican Americans to other cultural groups.

17825 9:00a-12:20p M Tu W Th Deluna D SAC VL-306 01/04-01/28

17827 9:00a-12:20p M Tu W Th Veyna A SAC VL-304 01/04-01/28

17826 3:00p-6:20p M Tu W Th Veyna A SAC VL-304 01/04-01/28

## HUMAN DEVELOPMENT

### HUMAN DEVELOPMENT 110, CHILD, FAMILY AND COMMUNITY (DS2) 3.0 UNITS

This class examines the developing child in a societal context, focusing on the interrelationship of family, school and community, and emphasizes historical and socio-cultural factors. Socialization processes and identity development that support and empower families by showing the importance of respectful, reciprocal relationships will be explored.

20235 Valdez S SAC HYBRID 01/04-01/29

6:00p-9:00p W Valdez S SAC V-150

Section 20235 combines online instruction plus mandatory on-campus meetings on Wednesday, 01/06, 01/13, 01/20 and 01/27, from 6pm-9pm, SAC V-150.

Email instructor first week of class (valdez\_susanne@sac.edu)

20236 Funaoka M SAC HYBRID 01/04-01/29

9:00a-12:00p W Funaoka M SAC V-151

Section 20236 combines online instruction plus mandatory on-campus meetings on Wednesday, 01/06, 01/13, 01/20 and 01/27, from 9am-12noon, SAC V-151.

Email instructor first week of class (funaoka\_mary@sac.edu)

### HUMAN DEVELOPMENT 112, HEALTH, SAFETY AND NUTRITION FOR CHILDREN 3.0 UNITS

This course examines the regulations, policies, procedures and best practices for early childhood curriculum related to health, safety, food, and nutrition while supporting child development through everyday planning and school programming. The importance of collaboration between families and health and school professionals to ensure physical and mental health of all children, families, and professionals will be explored. Students must show proof of negative TB test results. Field trips to local child development centers may be included. Suggested preparation: Six units of human development classes

20237 Valdez S SAC HYBRID 01/04-01/29

6:00p-9:00p M Valdez S SAC V-150

Section 20237 combines online instruction plus mandatory on-campus meetings on Monday, 01/04, 01/11 and 01/25, from 6pm-9pm, SAC V-150.

Email instructor first week of class (valdez\_susanne@sac.edu)

### HUMAN DEVELOPMENT 200, COMPUTER LITERACY FOR EARLY CHILDHOOD EDUCATORS 3.0 UNITS

An introduction to computer concepts and digital camera use strategies for child development teachers that will allow them to understand and evaluate the impact of technology as it relates to growth and development of children and developmentally appropriate practices. Basic knowledge and practice in computer operation, word processing, internet operation and research, e-mail, and selecting software applications will be included.

20238 9:00a-12:20p M Tu W Th Naman T SAC T-203-1 01/04-01/28

### HUMAN DEVELOPMENT 205, EXCEPTIONALITY AND SPECIAL NEEDS IN

#### HUMAN DEVELOPMENT 3.0 UNITS

Study of diseases and disorders found in children resulting in exceptionality, including intellectual disability; visual, speech, and hearing impairments; behavior disorders, learning disabilities and physical and health impairments.

20239 6:00p-9:20p M Tu W Th Maertzweiler Laney M SAC H-207 01/04-01/28

## KINESIOLOGY HEALTH EDUCATION

### KINESIOLOGY HEALTH EDUCATION 101, HEALTHFUL LIVING 3.0 UNITS

A 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.

19832 Breig D SAC WEB 01/04-01/29

Section 19832 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

### KINESIOLOGY HEALTH EDUCATION 102, WOMEN'S HEALTH ISSUES 3.0 UNITS

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

19839 Nutter K SAC WEB 01/04-01/29

Section 19839 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

### KINESIOLOGY HEALTH EDUCATION 104, NUTRITION AND FITNESS 2.0 UNITS

An applied nutrition course to improve the nutrition and health of active individuals. The course will focus on lifestyle, disease prevention, fitness, weight control, and the basic concepts of good nutrition.

19024 Abbey T SAC WEB 01/04-01/29

Section 19024 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

## KINESIOLOGY

### INTERCOLLEGIATE ATHLETICS

#### KINESIOLOGY INTERCOLLEGIATE ATHLETICS 128, CONDITIONING FOR ATHLETES 1.0 UNIT

An exercise program designed for athletes who participate in intercollegiate sports. Emphasis will be on the development of speed, endurance, flexibility, and strength.

20454 1:00p-3:35p M Tu W Th F Reyes A SAC Pool 01/04-01/29

20399 1:00p-3:35p M Tu W Th F Mitzel M SAC Track 01/04-01/29

19842 1:00p-3:35p M Tu W Th F Nilles T SAC Baseball Fld 01/04-01/29

19843 1:00p-3:35p M Tu W Th F Parra S SAC Softball Fld 01/04-01/29

## KINESIOLOGY PROFESSIONAL

### KINESIOLOGY PROFESSIONAL 170, SPORT ETHICS 3.0 UNITS

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

19840 Luppini M SAC WEB 01/04-01/29

Section 19840 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rscdd.blackboard.com>.

## MATHEMATICS

### MATHEMATICS N06, ESSENTIAL MATHEMATICS 3.0 UNITS

Reviews whole numbers, fractions, decimals, percents, geometric formulas and signed numbers. Not applicable to associate degree.

Prerequisite: Must obtain a score of 11 or higher on the Level 1 Math Placement Test.

18948 5:00p-9:30p M Tu W Th Hoang K SAC L-207 01/04-01/28

### MATHEMATICS N48, PRE-ALGEBRA/ALGEBRA BASICS 4.0 UNITS

For students who have little or no previous algebra experience. This course offers an introduction to basic algebra concepts, math vocabulary, and algebraic operations. This course is intended to be a bridge from basic arithmetic to elementary algebra. Not applicable to associate degree.

Prerequisite: Mathematics N05C with a minimum grade of P or Mathematics N06 with a minimum grade of C or placement into Mathematics N48 on the Math Level 1 Exam and a course equivalent to Mathematics N05 or N06.

18967 7:30a-12:00p M Tu W Th Rogers N SAC R-113 01/04-01/28

18972 12:15p-4:45p M Tu W Th Ausmus E SAC R-113 01/04-01/28

18968 5:00p-9:30p M Tu W Th Galima L SAC R-113 01/04-01/28

### MATHEMATICS 080, INTERMEDIATE ALGEBRA 4.0 UNITS

Systems of equations: inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions, problem solving.

Prerequisite: Mathematics 060 with a minimum grade of C or better; or placement into Mathematics 080 on the Mathematics Level 2 Placement Exam and a course equivalent to Mathematics 060.

18800 8:00a-12:30p M Tu W Th F Nguyen D SAC H-105 01/04-01/29

### MATHEMATICS 083, BEGINNING AND INTERMEDIATE ALGEBRA FOR LIBERAL ARTS AND SOCIAL SCIENCE 6.0 UNITS

A combined course in algebra that includes systems of equations, inequalities, graphs and functions, radicals, quadratic polynomials, rational expressions, exponential and logarithmic functions, and problem solving aimed specifically at liberal arts and social science majors.

Prerequisite: Mathematics N48 with a minimum grade of C; or a sufficient score on the Mathematics Level 2 Placement Exam and a course equivalent to Mathematics N48 or 060.

18802 8:00a-1:25p M Tu W Th F Lui R SAC R-101 01/04-01/29

18803 2:00p-7:25p M Tu W Th F Hashemi S SAC R-101 01/04-01/29

**MATHEMATICS 084, BEGINNING AND INTERMEDIATE ALGEBRA 6.0 UNITS**

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

Prerequisite: Mathematics N48 with a minimum grade of C; or a sufficient score on the Mathematics Level 2 Placement Exam and a course equivalent to Mathematics N48 or 060.

18840			Everett M	SAC WEB	01/04-01/29
Section 18840 Online instruction plus mandatory on-campus exam meeting dates: Thur. 1/14, and 1/28, 6:00p-8:00p, SAC H-105. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .					
18804	8:00a-1:25p	M Tu W Th F	Marecek L	SAC R-119	01/04-01/29

**MATHEMATICS 105, MATHEMATICS FOR LIBERAL ARTS STUDENTS 3.0 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 081 with a minimum grade of C or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080 or 081.

18859	5:00p-9:30p	M Tu W Th	Margo J	SAC H-107	01/04-01/28
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**MATHEMATICS 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.

18836			Solheid C	SAC WEB	01/04-01/29
Section 18836 Online instruction plus mandatory on-campus exam meeting dates: Thur. 1/14, and 1/28, 6:00p-8:00p, SAC H-109. Students are required to logon to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> .					
18861	7:30a-12:00p	M Tu W Th	Burke J	SAC H-104	01/04-01/28

**MATHEMATICS 160, TRIGONOMETRY 4.0 UNITS**

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

18864	8:00a-12:30p	M Tu W Th	Romero M	SAC H-107	01/04-01/28
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**MATHEMATICS 170, PRE-CALCULUS MATHEMATICS 4.0 UNITS**

Advanced algebraic topics. Study of rational, trigonometric, exponential and logarithmic functions, and analytic geometry. Preparation for Mathematics 180.

Prerequisite: Mathematics 160 with a minimum grade of C or equivalent skills as measured by the Math Level 4 Exam and a course equivalent to Mathematics 160.

18865	9:00a-1:25p	M Tu W Th F	Elgindi I	SAC H-109	01/04-01/29
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**MATHEMATICS 180, ANALYTIC GEOMETRY AND CALCULUS 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 167 with a minimum grade of C; or equivalent skills as measured by the Math Level 4 Exam and a course equivalent to Mathematics 170.

18869	8:00a-12:25p	M Tu W Th F	Ro K	SAC I-203	01/04-01/29
18868	4:00p-8:25p	M Tu W Th F	Cedeno J	SAC H-104	01/04-01/29

**MATHEMATICS 219, STATISTICS AND PROBABILITY 4.0 UNITS**

Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology.

Prerequisite: Mathematics 080 or Mathematics 081 with a minimum grade of C; or placement into Mathematics 219 on the Mathematics Level 3 placement Exam and a course equivalent to Mathematics 080 or 081.

18944	7:30a-11:55p	M Tu W Th F	Chrispens A	SAC L-207	01/04-01/29
18870	8:00a-12:325p	M Tu W Th F	Staff	SAC H-108	01/04-01/29
18946	12:15p-4:40p	M Tu W Th F	Vu H	SAC L-207	01/04-01/29
18942	5:30p-9:55p	M Tu W Th F	Ramirez J	SAC H-108	01/04-01/29

## MEDICAL ASSISTANT

**MEDICAL ASSISTANT 020, BLOODBORNE AND AIRBORNE PATHOGEN STANDARDS 0.5 UNIT**

Presentation of California Occupational Safety and Health Act (Cal-OSHA) Bloodborne and Airborne Pathogen Standards for occupational at-risk exposure to hepatitis, HIV-AIDS, and Tuberculosis including compliance requirements, exposure control measures, exposure determination, protective equipment, and post exposure practices.

18751	8:00a-12:00p 12:30p-4:30p	M	Emley C Emley C	SAC R-307 SAC R-307	01/11-01/11
Section 18751 meets for 8 hours on January 11, 2016, at 8:00am to 12:00pm and 12:30pm to 4:30pm.					

**MEDICAL ASSISTANT 051B, ADVANCED MEDICAL TERMINOLOGY 3.0 UNITS**

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

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

18749	11:00a-3:15p	Tu W Th	Emley C	SAC R-307	01/05-01/28
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**MEDICAL ASSISTANT 056, COMPUTER APPLICATIONS FOR THE MEDICAL OFFICE 3.0 UNITS**

An introduction to the computer with practical applications for a medical office/clinical setting, including building patient databases, patient scheduling, procedure codes, and diagnostic codes. Generate computerized billing records, posting to accounts, insurance claims forms, and generating reports and electronic data interchange.

18750	1:00p-5:15p	Tu W Th	Seitz C	SAC R-303-1	01/05-01/28
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## MUSIC

**MUSIC 101, MUSIC APPRECIATION 3.0 UNITS**

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

18372			Marr J	SAC WEB	01/04-01/29
Section 18372 online instruction. No on-campus meeting times. Email instructor ( <a href="mailto:marr_john@sac.edu">marr_john@sac.edu</a> ) if you have any questions.					
18371	9:00a-12:20p	M Tu W Th	Kim J	SAC N-117	01/04-01/28

**MUSIC 103, JAZZ IN AMERICA 3.0 UNITS**

A historical survey of the development and evolution of jazz in America from its earliest roots in African and European music. The study will also include the social and economic conditions which influenced this art form.

18373	9:00a-12:20p	M Tu W Th	Lopez D	SAC N-114	01/04-01/28
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**MUSIC 104, ROCK MUSIC HISTORY AND APPRECIATION 3.0 UNITS**

Historical survey of rock music from its beginnings in the 50's to the present. Major rock and pop styles will be discussed. Personalities and musical styles will be related to the social, political, and cultural context of the time.

20309	6:00p-9:20p	M Tu W Th	Jones J	SAC A-130	01/04-01/28
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## NUTRITION AND FOOD

**NUTRITION AND FOOD 115, NUTRITION 3.0 UNITS**

The function and sources of nutrients and their role in health and disease are assessed within the framework of anatomy, physiology, and chemistry. The course includes utilization of scientific methods to evaluate nutrition information, research, and application of current nutrition issues and controversies. The students will analyze their food intake.

20592			Rickrode T	SAC WEB	01/04-01/29
Section 20592 is online instruction. No On-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class ( <a href="mailto:rickrode_taylor@sac.edu">rickrode_taylor@sac.edu</a> )					

## PHILOSOPHY

**PHILOSOPHY 106, INTRODUCTION TO PHILOSOPHY 3.0 UNITS**

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

17828	9:00a-12:20p	M Tu W Th	Rodriguez A	SAC VL-104	01/04-01/28
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**PHILOSOPHY 110, CRITICAL THINKING 4.0 UNITS**

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

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

17829	9:00a-1:30p	M Tu W Th	Fish Z	SAC VL-303	01/04-01/28
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## PHOTOGRAPHY

**PHOTOGRAPHY 150, HISTORY OF PHOTOGRAPHY 3.0 UNITS**

A survey of the history, aesthetics, and technical evolution of photography including an in-depth view of artistic styles and individual photographers' contributions from the 19th century to the present.

18726	6:00p-9:20p	M Tu W Th	Marquez P	SAC C-104	01/04-01/28
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## POLITICAL SCIENCE

**POLITICAL SCIENCE 101, INTRODUCTION TO AMERICAN GOVERNMENTS 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.

17832	8:00a-11:20a	M Tu W Th	Andrade P	SAC VL-205	01/04-01/28
17834	9:00a-12:20p	M Tu W Th	Murphy T	SAC VL-105	01/04-01/28
17833	5:00p-8:20p	M Tu W Th	Petri M	SAC VL-205	01/04-01/28
17835	6:00p-9:20p	M Tu W Th	Becker C	SAC VL-105	01/04-01/28

## PSYCHOLOGY

**PSYCHOLOGY 100, INTRODUCTION TO PSYCHOLOGY 3.0 UNITS**

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

17836	9:00a-12:20p	M Tu W Th	Pedroza J	SAC VL-107	01/04-01/28
17838	9:00a-12:20p	M Tu W Th	Castillo R	SAC I-109	01/04-01/28
17839	1:00p-4:20p	M Tu W Th	Ortiz F	SAC VL-208	01/04-01/28
17837	6:00p-9:20p	M Tu W Th	Castillo R	SAC I-109	01/04-01/28

**PSYCHOLOGY 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.

17840	9:00a-12:20p	M Tu W Th	Ortiz F	SAC VL-208	01/04-01/28
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[www.sac.edu/online\\_counseling](http://www.sac.edu/online_counseling)

## READING

### READING 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. Completion of or concurrent enrollment in English 101 recommended.

17842			Gilreath G	SAC WEB	01/04-01/29
Section 17842 online instruction. NO on-campus meeting times. Students are required to log on to Blackboard on the first day of class: <a href="http://rscdd.blackboard.com">http://rscdd.blackboard.com</a> . Email instructor first week of class. ( <a href="mailto:gilreath_genice@sac.edu">gilreath_genice@sac.edu</a> )					

## SIGN LANGUAGE

### SIGN LANGUAGE 110, AMERICAN SIGN LANGUAGE I

3.0 UNITS

This introductory 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 skills, modeling of grammatical structures, and general information about American Deaf culture. Sign Language 110 is equivalent to two years of high school ASL.

17843	9:30a-12:50p	M Tu W Th	Larson S	SAC I-206	01/04-01/28
17844	1:00p-4:20p	M Tu W Th	Yingst S	SAC I-206	01/04-01/28

## SOCIAL SCIENCE

### SOCIAL SCIENCE 219, STATISTICS AND PROBABILITY

4.0 UNITS

Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics. Includes use of technology.

Prerequisite: Mathematics 080 or 081 with a grade of C or better (OR placement into Mathematics 219 on the Mathematics Level 3 Placement Exam and a course equivalent to Mathematics 080 or 081).

18945	7:30a-11:55p	M Tu W Th F	Chrispens A	SAC L-207	01/04-01/29
18871	8:00a-12:25p	M Tu W Th F	Staff	SAC H-108	01/04-01/29
18947	12:15p-4:40p	M Tu W Th F	Vu H	SAC L-207	01/04-01/29
18943	5:30p-9:55p	M Tu W Th F	Ramirez J	SAC H-108	01/04-01/29

## SOCIOLOGY

### SOCIOLOGY 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.

17845	8:00a-11:20a	M Tu W Th	Campbell A	SAC VL-209	01/04-01/28
17846	6:00p-9:20p	M Tu W Th	Govea M	SAC I-207	01/04-01/28

### SOCIOLOGY 112, RELATIONSHIPS, MARRIAGES, AND FAMILY DYNAMICS

3.0 UNITS

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

17850	2:00p-5:20p	M Tu W Th	O'Dell R	SAC VL-209	01/04-01/28
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### SOCIOLOGY 140, ANALYSIS OF SOCIAL TRENDS AND PROBLEMS

3.0 UNITS

An extensive survey of contemporary social trends and problems through sociological analysis concentrating on their causes, complexities, consequences, and possible solutions. Special emphasis will be placed on the problems in the U.S., with consideration of the global perspective.

20250	6:00p-9:20p	M Tu W Th	O'Dell R	SAC VL-209	01/04-01/28
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## SPANISH

### SPANISH 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.

17851	4:30p-7:00p	Tu Th	Lopez-Jaurequi L	SAC HYBRID	01/04-01/29
			Lopez-Jaurequi L	SAC VL-311	

Section 17851 is specifically designed for Spanish native speakers. It combines online instruction with 8 mandatory meetings on Tuesdays and Thursdays from 4:30-7:00pm in SAC VL-311. The class will use the book "Mundo 21." Students should log on to Blackboard <http://rscdd.blackboard.com> and contact the instructor before the first day of class. ([lopez\\_leticia@sac.edu](mailto:lopez_leticia@sac.edu))

17857	9:30a-12:00p	M W	Galvan J	SAC HYBRID	01/04-01/29
			Galvan J	SAC VL-311	

Section 17857 combines online instruction with 8 mandatory meetings on Mondays and Wednesdays from 9:30am-12:00pm in SAC VL-311. The class will use the book "Puntos de partida." Students should log on to Blackboard <http://rscdd.blackboard.com> and contact the instructor before the first day of class. ([galvan\\_javier@sac.edu](mailto:galvan_javier@sac.edu))

17879	8:00a-12:15p	M Tu W Th F	Fuentes Sanchez A	SAC VL-301	01/04-01/29
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### SPANISH 102, ELEMENTARY SPANISH II

5.0 UNITS

A college-level Spanish class focusing on further training in language skills providing avenues for the expression of ideas orally and in writing. Additional study of Hispanic culture. Designated sections focus on skills for Spanish speakers. Spanish 102 is equivalent to the third year of high school Spanish.

Prerequisite: Spanish 101/101H or two years of high school Spanish with a minimum grade of C.

17859	6:00p-8:30p	M W	Guerrero-Phlaum M	SAC HYBRID	01/04-01/2
			Guerrero-Phlaum M	SAC I-106	

Section 17859 combines online instruction with 8 mandatory meetings on Mondays and Wednesdays from 6-8:30pm in SAC I-106. The class will use the book "Puntos de partida." Students should log on to Blackboard <http://rscdd.blackboard.com> and contact the instructor before the first day of class. ([guerrero\\_martha@sac.edu](mailto:guerrero_martha@sac.edu))

17860	6:00p-8:30p	Tu Th	Calderon A	SAC HYBRID	01/04-01/2
			Calderon A	SAC VL-307	

Section 17860 is specifically designed for Spanish native speakers. It combines online instruction with 8 mandatory meetings on Tuesdays and Thursdays from 6-8:30pm in SAC VL-307. The class will use the book "Mundo 21." Students should log on to Blackboard <http://rscdd.blackboard.com> and contact the instructor before the first day of class. ([calderon\\_araceli@sac.edu](mailto:calderon_araceli@sac.edu))

## TV/VIDEO COMMUNICATIONS

### TV/VIDEO COMMUNICATIONS 103, HISTORY OF FILM TO 1945

3.0 UNITS

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

18375	9:00a-12:20p	M Tu W Th	Staff	SAC A-210	01/04-01/28
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### TV/VIDEO COMMUNICATIONS 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.

18376	1:00p-4:20p	M Tu W Th	Taylor M	SAC A-210	01/04-01/28
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## THEATRE ARTS

### THEATRE ARTS 100, INTRODUCTION TO THEATRE

3.0 UNITS

An introduction to the art and concepts of theatre through a study of modern and historical theories of dramatic structure, playwriting, directing, design, and acting. Attendance at live theatre required.

18390	9:00a-1:35p	M Tu W	Cannon C	SAC P-105	01/04-01/27
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## WELDING

### WELDING 029A, ADVANCED ARC WELDING LEVEL I WELDING)

3.0 UNITS

Provides advanced manipulative skills and technical knowledge needed to pass a 1" plate guided bended test required for structural steel certification.

20240	8:00a-3:50p	M Tu W Th	Moreno G	SAC K-115	01/04-01/28
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### WELDING 029B, ADVANCED ARC WELDING LEVEL II

3.0 UNITS

This is a course designed to advance the student's previously acquired arc welding skills and prepare the student to pass the welding certification test. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1" steel), using the shielded metal arc welding process (SMAW) E-7018 according to the American Welding Society rules and regulations D1.1 Code Book.

Prerequisite: Welding 029A with a minimum grade of C or reasonable completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

20241	8:00a-3:50p	M Tu W Th	Moreno G	SAC K-115	01/04-01/28
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### WELDING 029C, ADVANCED ARC WELDING LEVEL III

3.0 UNITS

This is a course designed to improve and master the student's previously acquired arc welding skills to an advanced level and prepare the student to pass the welding certification test. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1" steel), using the shielded metal arc welding process E-7018 according to the American Welding Society rules and regulations. Students will take the D1.1 certification test at this level.

Prerequisite: Welding 029B with a minimum grade of C or reasonable completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

20242	8:00a-3:50p	M Tu W Th	Moreno G	SAC K-115	01/04-01/28
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### WELDING 029D, ADVANCED ARC WELDING LEVEL IV

3.0 UNITS

This course provides level one instruction on the principles, equipment, welding techniques, mode of operations, and safety for (FCAW) wire flux cored arc welding used for structural steel. It is also designed to improve the student's formerly acquired arc welding skills and prepare the student to pass the welding certification test D1.1. Emphasis is placed on welding in the vertical and overhead positions and the preparation of the test plates (1" steel), using FCAW 2/32 wire (flux cored arc welding).

Prerequisite: Welding 029C with a minimum grade of C or reasonable completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

20243	8:00a-3:50p	M Tu W Th	Moreno G	SAC K-115	01/04-01/28
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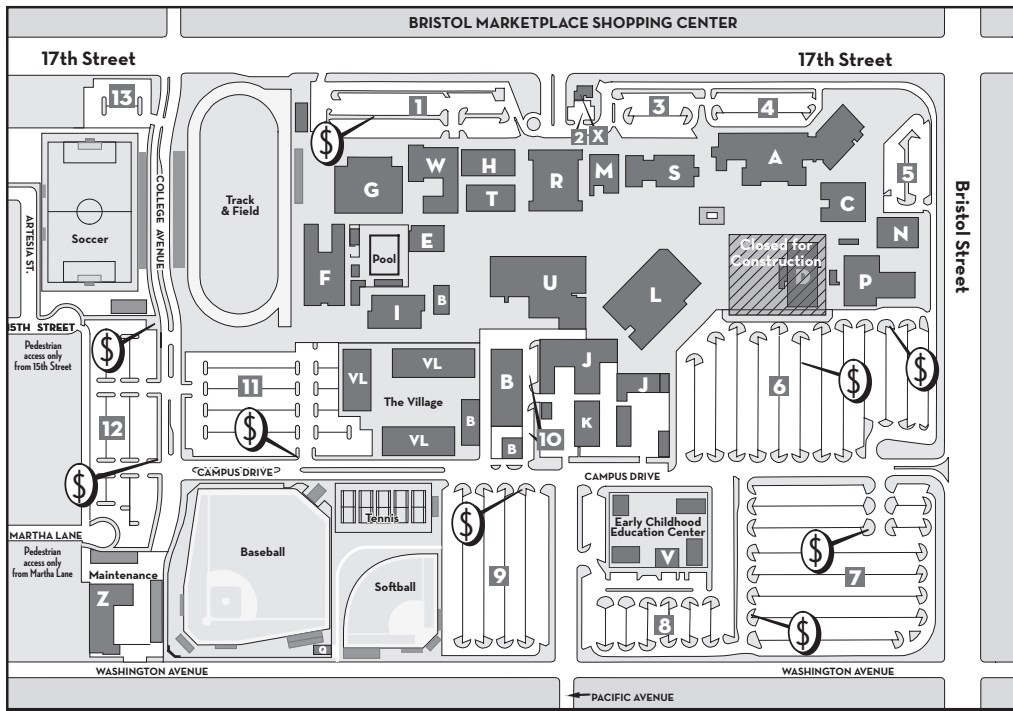


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# SANTA ANA COLLEGE

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**SAC IS TOBACCO-FREE**

Use of tobacco-related products is allowed only in parking lots.



## SAC Facilities & Locations

- |  |  |
|--|--|
| <b>A</b> Cesar Chavez Building / Business / Computer | <b>P</b> Phillips Hall Theatre   |
| <b>B</b> Middle College High School                  | <b>Q</b> Concession  |
| <b>C</b> Fine Arts / Art Gallery                     | <b>R</b> Russell Hall  |
| <b>D</b> Dunlap Hall                                 | <b>S</b> Administration Building / Admissions / Counseling   |
| <b>E</b> Fitness Center                              | <b>T</b> Technical Arts  |
| <b>F</b> Locker Rooms                                | <b>U</b> Johnson Center / Student Business Office / Bookstore / Cafeteria / International Students Program |
| <b>G</b> Cook Gym                                    | <b>V</b> Early Childhood Education Center  |
| <b>H</b> Hammond Hall                                | <b>VL</b> The Village  |
| <b>I</b> Classroom Building                          | <b>W</b> Kinesiology   |
| <b>J</b> Auto Shop / Quick Center                    | <b>X</b> Security / Safety   |
| <b>K</b> Welding / Auto Diesel                       | <b>Z</b> Maintenance   |
| <b>L</b> Nealley Library                             |  |
| <b>M</b> Planetarium                                 |  |
| <b>N</b> Music Building                              |  |

## SAC Parking

- 1** Staff Parking
- 2 - 3** Visitor Parking
- 4 - 5** Staff Parking
- 6 - 13** Student Parking (except as posted)
- (S)** Permit Dispenser (\$2.00 for 8 hours)

**A complete list of classes available online: [sac.edu](http://sac.edu)**

# INTERSESSION 2016

## Schedule Of Classes

### January 4 - 29, 2016

**Class Schedule Subject To Change** The Rancho Santiago Community College District has made every reasonable effort to determine that everything stated in this class schedule is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the administration of the Rancho Santiago Community College District for reasons related to student enrollment, level of financial support, or for any other reason, at the discretion of the district.

**Class Discontinuance Policy** Any class in which there is not a minimum of 20 students enrolled by the beginning of instruction may be discontinued. Any class which does not maintain satisfactory attendance may be discontinued.

**Nondiscrimination Policy** The 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 RSCCD Title IX Officer and Section 504/ADA Coordinator: John Didion, 2323 N. Broadway, Santa Ana, CA 92706, 714-480-7489.