

2016 summer schedule of classes

June 13, 2016 – August 7, 2016



Welcome to Santa Ana College!

Our excellent faculty, staff, and administrators are excited to welcome you to SAC and support you in attaining your educational goals. We believe you'll find SAC committed to providing a dynamic learning environment for students with a focus on access and equity. During this summer, we encourage you to take advantage of our full array of resources in order to reach your academic and personal potential.

The SAC Family looks forward to serving your educational needs, and I look forward to seeing you on campus.

Carlos Lopez, Vice President of
Academic Affairs



A complete list of classes available online: sac.edu

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100
1915-2015
SANTA ANA COLLEGE

HOW TO APPLY AND REGISTER

NOTE:

Please check that your email address is current in your student profile online in order to receive your ID and password.

Summer hours are Monday–Thursday, 8:00 am–6:45 pm
Subject to change

STEP ONE:

To apply to Santa Ana College, complete an application online at 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 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:

Veterans/Foster Youth/CalWORKs/DSPS/EOPS. . .	May 11–June 10
Continuing Students	May 13–June 10
New Students	May 31–June 10
Loss of Priority Registration Students.	June 3–June 10
CAP High School Students	June 6–June 10

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/. 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).

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

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 (\$209.00 tuition + \$31.00 capital outlay) in addition to the per enrollment fee for non-resident students. Refer residency questions to the Admissions office.

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.

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

Student Service Fee: \$5.00 for college activities and discounts.

Parking Fee: \$10.00. A permit is required to park on campus and may be purchased at registration. Motorcycles are exempt in designated parking areas.

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.

CALENDAR FOR SUMMER 2016 CLASSES






May 11, 2016	Online registration
June 13, 2016	Instruction begins
Refer to section information in WebAdvisor	Last day to add a class with instructor's signature or add code
	Last day to drop a class with enrollment fee refund and no "W" grade
	Last day to file Pass/No Pass
	Last day to drop a class with "W" grade
August 7, 2016	Summer Session ends

**REGISTRATION QUESTIONS?
CALL 714-564-6005**

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
 -  Hybrid Classes. For more information go to www.sac.edu/disted
 -  Honors Classes. For more information see prerequisites for that class.
 -  Off campus field trips. Read the policy on this page.
 -  OER Open Educational Resources.(OER) used in replacement of purchased textbooks (zero-textbook cost).
- Class location CJTC-SD: **Orange County Sheriff's Regional Training Academy**
15991 Armstrong Avenue, Tustin.
- JPT-CN: **Joint Powers Training Center-Central Net**

SCHEDULE OF CLASSES

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
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ACCOUNTING

ACCOUNTING 035, QUICKBOOKS 2.0 UNITS					
<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>					
22051	6:00p-10:15p	Tu	Guth J	SAC A-108	06/14-08/02
ACCOUNTING 101, FINANCIAL ACCOUNTING 4.0 UNITS					
<i>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.</i>					
22039	8:00a-12:15p	Tu Th	Kanampiu G	SAC A-209	06/14-08/04
22048	6:00p-10:30p	M W	Erlandson S	SAC A-209	06/13-08/03
ACCOUNTING 102, MANAGERIAL ACCOUNTING 4.0 UNITS					
<i>Study of the use and reporting of accounting data for managerial planning, cost control, and decision making purposes. The course includes broad coverage of concepts, classifications, and behaviors of costs. Topics include cost systems, the analysis and use of cost information, cost-volume-profit analysis, contribution margin, profit planning, standard costs, relevant costs, and capital budgeting.</i>					
Prerequisite: Accounting 101 with a minimum grade of C.					
22049	6:00p-10:15p	Tu Th	Phung T	SAC A-209	06/14-08/04

ANTHROPOLOGY

ANTHROPOLOGY 100, INTRODUCTION TO CULTURAL ANTHROPOLOGY 3.0 UNITS					
<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>					
19796	8:00a-11:20a	M W	Wood S	SAC D-305	06/13-08/03
19797	6:00p-9:10p	Tu Th	Plascencia M	SAC D-201	06/14-08/04
ANTHROPOLOGY 101, INTRODUCTION TO PHYSICAL ANTHROPOLOGY 3.0 UNITS					
<i>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.</i>					
19804	9:00a-12:20p	M W	Robertson M	SAC D-401	06/13-08/03
19807	9:00a-12:10p	Tu Th	Robertson M	SAC D-401	06/14-08/04
19802	6:00p-9:20p	M W	Cundiff W	SAC D-401	06/13-08/03

FIRST CLASS MEETING

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SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
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ANTHROPOLOGY 101L, PHYSICAL ANTHROPOLOGY LABORATORY 1.0 UNIT					
<i>Laboratory exercises and experiments designed to explore and understand the primary areas of physical anthropology: evolutionary theory, principles of genetics, comparative anatomy, physiology, behavior and ecology of vertebrates with an emphasis on nonhuman primates, analysis of fossil evidence for human evolution, human biology and variation, growth and adaptability, and biomedical anthropology. Includes both traditional and virtual laboratory experiences.</i>					
19808	1:00p-4:20p	M W	Robertson M	SAC D-401	06/13-08/03
19811	1:00p-4:10p	Tu Th	Robertson M	SAC D-401	06/14-08/04

ART

ART 100, INTRODUCTION TO ART CONCEPTS 3.0 UNITS					
<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>					
 22195			Redfield M	SAC WEB	06/13-07/21
Section 22195. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: http://rsccd.blackboard.com					
 22196			Monroe J	SAC WEB	07/11-08/04
OER	Section 22196. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: http://rsccd.blackboard.com				
 22197			Monroe J	SAC WEB	07/11-08/04
OER	Section 22197 Available for Online Degree Pathway students. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: http://rsccd.blackboard.com				
22225	8:00a-12:15p	Tu Th	Soriano I	SAC C-213	06/14-07/21
22239	9:00a-1:30p	M W	Fosmire E	SAC A-130	06/13-07/20
22244	3:00p-7:15p	M Tu W	Marquez P	SAC C-104	07/11-08/03
ART 104, MEXICAN AND CHICANO ART HISTORY 3.0 UNITS					
<i>The history and appreciation of Mexican and Chicano art from the pre-Columbian to the present including the modern murals of Mexico and the United States.</i>					
22240	8:00a-12:35p	M W	Soriano I	SAC C-213	06/13-07/20
ART 105, HISTORY OF MODERN ART 3.0 UNITS					
<i>History of painting, sculpture, architecture, prints, and applied arts from the late nineteenth century through the twentieth century. Covers the formal philosophic, spiritual, and historical background of art from Post Impressionism to Post Modernism. For general students and art majors.</i>					
22245	6:00p-10:15p	Tu W Th	Walker H	SAC A-130	07/11-08/04
ART 130, INTRODUCTION TO DRAWING 3.0 UNITS					
<i>Introductory course in expressive drawing exploring line, form, composition, and a variety of media. Drawing from man-made objects and natural forms. Required for art majors.</i>					
22248	9:00a-11:05a	M Tu W Th	Labra J	SAC C-210	07/11-08/04
	11:15a-3:30p	M Tu W Th	Labra J	SAC C-210	
ART 131, BEGINNING LIFE DRAWING 3.0 UNITS					
<i>Introduction to drawing the human form by observing live models for studies in anatomy, structure, and composition. Exposure to traditional and contemporary figurative drawing while exploring media and methods. Required for art majors. Art 130 recommended.</i>					
22247	6:00p-7:20p	M Tu W Th	Hower T	SAC C-210	06/13-07/21
	7:30p-10:15p	M Tu W Th	Hower T	SAC C-210	

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
ART 230, INTERMEDIATE DRAWING					3.0 UNITS
<i>Continued study in drawing with additional opportunities in graphic expression. Further exploration of media including colored pencils, oil pastel, charcoal, and mixed media. Continuation of composition concepts with emphasis on individual expression.</i>					
Prerequisite: Art 130 with a minimum grade of C.					
22249	9:00a-11:05a 11:15a-3:30p	M Tu W Th M Tu W Th	Labra J Labra J	SAC C-210 SAC C-210	07/11-08/04
ART 231, INTERMEDIATE LIFE DRAWING					3.0 UNITS
<i>Continued experience in drawing from the live model with opportunity for development of self-expression. Further exploration of media and techniques.</i>					
Prerequisite: Art 131 with a minimum grade of C.					
22242	6:00p-7:20p 7:30p-10:20p	M Tu W Th M Tu W Th	Hower T Hower T	SAC C-210 SAC C-210	06/13-07/21

ART 232, ADVANCED LIFE DRAWING					3.0 UNITS
<i>Intensive study of the figure with further development of drawing skills, composition, technique, and media utilizing the live model. Projects vary each semester.</i>					
Prerequisite: Art 231 with a minimum grade of C.					
22243	6:00p-7:20p 7:30p-10:20p	M Tu W Th M Tu W Th	Hower T Hower T	SAC C-210 SAC C-210	06/13-07/21

ART 233, ADVANCED DRAWING					3.0 UNITS
<i>To further develop individual graphic expression, students will plan a series of drawing problems to be executed during the semester under the instructor's direction. Exploration of new materials and techniques. Field trips to artists' studios and museums.</i>					
Prerequisite: Art 230 with a minimum grade of C or portfolio review.					
22250	9:00a-11:05a 11:15a-3:30p	M Tu W Th M Tu W Th	Labra J Labra J	SAC C-210 SAC C-210	07/11-08/04

ASTRONOMY

ASTRONOMY 109, INTRODUCTION TO THE SOLAR SYSTEM					3.0 UNITS
<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>					
22257	9:15a-11:20a	M Tu W Th	Staff	SAC R-124	06/13-07/21

AUTOMOTIVE TECHNOLOGY

AUTOMOTIVE TECHNOLOGY 002, ESSENTIALS					3.0 UNITS
<i>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.</i>					
22423	8:00a-12:35p	M Tu W	Rudd J	SAC J-115	06/13-07/06
AUTOMOTIVE TECHNOLOGY 082, AUTOMOTIVE COMPUTER SENSORS					3.0 UNITS
<i>This course covers the function and testing of computerized engine sensors used on modern vehicles. The use of meters and test equipment will be emphasized. Suggested preparation: Automotive Technology 022, 032, or one year trade experience in automotive tune-up.</i>					
22424	6:00p-10:35p	M Tu W	Serrano M	SAC J-101	06/13-07/06
AUTOMOTIVE TECHNOLOGY 084, OBD-II					3.0 UNITS
<i>This course will present an overview of the OBD-II (On Board Diagnostics) system used on modern automobiles. Terminology, codes, monitors, and scantool use will be emphasized. Suggested preparation: Automotive Technology 002 or 006.</i>					
22422	6:00p-10:15p	M Tu W	English N	SAC J-102	07/11-08/03

BIOLOGY

BIOLOGY 109, FUNDAMENTALS OF BIOLOGY					3.0 UNITS
<i>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.</i>					
22259	8:00a-11:20a	M Tu W Th	Lopez J	SAC R-128	06/13-07/07
22261	6:00p-9:10p	Tu Th	Staff	SAC R-128	06/14-08/04
BIOLOGY 109L, FUNDAMENTALS OF BIOLOGY LABORATORY					1.0 UNIT
<i>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.</i>					
22264	11:20a-2:40p	M W	Staff	SAC R-202	06/13-08/03
22267	11:20a-2:30p	Tu Th	Chroman L	SAC R-202	06/14-08/04
22268	2:40p-5:50p	Tu Th	Ou M	SAC R-202	06/14-08/04
22265	6:00p-9:20p	M W	Palmer C	SAC R-202	06/13-08/03
BIOLOGY 229, GENERAL MICROBIOLOGY					5.0 UNITS
<i>Introduction to microorganisms, their classification, structure, biochemistry, growth, control, and interactions with other organisms and the environment. Designed for biology, preprofessional, and prenursing (BSN) majors.</i>					
Prerequisite: Biology 109/109H and 109L, or 139, or 149, or 211, or 239, or 249, or Chemistry 119 or Chemistry 209 with a minimum grade of C.					

Material Fee(s): \$20.00

22271	9:00a-11:05a 12:00p-4:25p	M Tu W Th M Tu W Th	Morales D Morales D	SAC I-203 SAC R-226	06/13-07/21
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SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
BIOLOGY 239, GENERAL HUMAN ANATOMY					4.0 UNITS
<i>Structure of the human body. Systems, organs, and tissues are studied from human skeletons, models, charts, slides and various electronic programs. Laboratory includes the dissection of a cat and periodic demonstrations of a prosected cadaver as available.</i>					
22275	6:00p-8:05p 8:00a-10:05a	M Tu W Th M Tu W Th	Dibernardo L Smith D	SAC R-124 SAC R-201	06/13-07/21
22281	6:00p-8:05p 10:30a-12:35p	M Tu W Th M Tu W Th	Dibernardo L Smith D	SAC R-124 SAC R-201	06/13-07/21
22282	6:00p-8:05p 1:00p-3:05p	M Tu W Th M Tu W Th	Dibernardo L Dibernardo L	SAC R-124 SAC R-201	06/13-07/21
22283	6:00p-8:05p 3:30p-5:35p	M Tu W Th M Tu W Th	Dibernardo L Dibernardo L	SAC R-124 SAC R-201	06/13-07/21
22284	6:00p-8:05p 8:25p-10:30p	M Tu W Th M Tu W Th	Dibernardo L Smith D	SAC R-124 SAC R-201	06/13-07/21

BUSINESS

BUSINESS 100, FUNDAMENTALS OF BUSINESS					3.0 UNITS
<i>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.</i>					
22296			Damon S	SAC WEB	06/13-08/04
Section 22296 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: http://rscdd.blackboard.com .					
22310	6:00p-9:20p	M W	Kowsari A	SAC A-203	06/13-08/03
BUSINESS 103, COOPERATIVE WORK EXPERIENCE-OCCUPATIONAL EDUCATION- OCCUPATIONAL					1.0 - 2.0 UNITS
<i>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.</i>					
Open Entry / Open Exit					
22311	TBA		Molitor M	SAC A-107-4	06/13-08/04
Section 22311 mandatory orientation meeting Wed., June 15, 12:00p-12:50p or 6:00p-6:50p, SAC A-104. All other meetings by appointment.					

BUSINESS 104, COOPERATIVE WORK EXPERIENCE-GENERAL EDUCATION- GENERAL					1.0 - 2.0 UNITS
<i>Supervised paid or volunteer experience not related to 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.</i>					
Open Entry / Open Exit					
22312	TBA		Molitor M	SAC A-107-4	06/13-08/04
Section 22312 mandatory orientation meeting Wed., June 15, 12:00p-12:50p or 6:00p-6:50p, SAC A-104. All other meetings by appointment.					

BUSINESS 105, LEGAL ENVIRONMENT OF BUSINESS					3.0 UNITS
<i>Fundamental legal principles pertaining to business transactions. Introduction to the law as an instrument of social and political control in society. Topics include sources of law and ethics, contracts, torts, agency, judicial and administrative processes, employment law, forms of business organizations, and domestic and international governmental regulations.</i>					
22056			Manzano F	SAC WEB	06/13-08/04
Section 22056 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: http://rscdd.Blackboard.com .					
22064			Robinson K	SAC WEB	06/13-08/04
Section 22064 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: http://rscdd.Blackboard.com .					
22065	9:00a-12:10p	Tu Th	Robinson K	SAC A-205	06/14-08/04
22066	6:00p-9:20p	M W	Staff	SAC A-205	06/13-08/03

BUSINESS 120, PRINCIPLES OF MANAGEMENT					3.0 UNITS
<i>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.</i>					
22313	6:00p-9:20p	M W	Irion M	SAC A-207	06/13-08/03

BUSINESS 125, INTRODUCTION TO INTERNATIONAL BUSINESS					3.0 UNITS
<i>A survey course previewing international marketing, finance, law, and logistics. Includes how a company decides to go global and how products are made, transported, and sold around the world.</i>					
22314			Kowsari A	SAC WEB	06/13-08/04
Section 22314 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: http://rscdd.blackboard.com .					

BUSINESS 150, INTRODUCTION TO INFORMATION SYSTEMS AND APPLICATIONS					3.0 UNITS
<i>Introduction to computer concepts and management information systems. Application software will be used to solve business problems.</i>					
22483	6:00p-10:15p	Tu Th	Staff	SAC A-206	06/14-07/21

BUSINESS 180, FINDING AND EVALUATING PRODUCTS FOR IMPORT					1.0 UNIT
<i>Evaluate the potential of an import business. Contact vendors and source products. Determine import classification, tariffs and taxes and calculate landed costs to import into the U.S.</i>					
22325	6:00p-10:00p	Tu Th	Grant M	SAC A-203	06/14-06/23

BUSINESS 182, CLASSIFYING IMPORTS AND CLEARING U.S. CUSTOMS					1.0 UNIT
<i>Learn to classify products being imported into the U.S. using the Harmonized Tariff Schedule (HTS). Identify applicable duty rates and quotas for products. Learn how the operations and U.S. Customs programs have changed since 9/11/2001.</i>					
22329	6:00p-10:00p	Tu Th	Shweiri G	SAC A-203	06/28-07/07

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
BUSINESS 222, BUSINESS WRITING					3.0 UNITS
<i>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.</i>					
Prerequisite: English 101 or 101H with a minimum grade of C.					
22450			Damon S	SAC WEB	06/13-08/04
OER	Section 22450 online instruction plus mandatory on-campus exams on Thurs., 7/7, 7/21, 8/4 from 7:00p-9:00p in Room A-108. Students are required to logon to Blackboard on the first day of class: http://rscdd.blackboard.com . Students will use Open Educational Resources for this class. There is a \$5 materials fee. There is no additional textbook cost.				
22452	6:00p-9:10p	Tu Th	Furlong E	SAC A-207	06/14-08/04
22475	6:00p-9:20p	M W	Woolgar D	SAC A-108	06/13-08/03

BUSINESS APPLICATIONS

BUSINESS APPLICATIONS 043, MICROSOFT CERTIFIED APPLICATION SPECIALIST PREPARATION					0.5 UNIT
<i>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.</i>					
22492	7:00p-9:00p	W	Holland C	SAC A-224	06/15-07/06
BUSINESS APPLICATIONS 110A, COMPUTER KEYBOARDING SKILLS I					1.0 UNIT
<i>Proficiency based keyboarding skills includes alphabet, speed, and accuracy development.</i>					
Open Entry / Open Exit					
22488	6:00p-10:00p	Tu Th	Staff	SAC A-224	06/14-07/21
BUSINESS APPLICATIONS 110B, COMPUTER KEYBOARDING SKILLS II					1.0 UNIT
<i>Continuation and refinement of proficiency based computer keyboarding skills includes alphabet and numeric keyboard, speed and accuracy development, and basic word processing skills.</i>					
Prerequisite: Business Applications 110A with a minimum grade of C.					
Open Entry / Open Exit					
22489	6:00p-10:00p	Tu Th	Staff	SAC A-224	06/14-07/21
BUSINESS APPLICATIONS 115A, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT I					1.0 UNIT
<i>Intense review of letter, number, and symbol typing. Emphasis on individual's problem keys. Increase keyboarding speed and improve accuracy through prescribed drills and timed writings on computer. Basic proficiency in typing or keyboarding recommended.</i>					
Open Entry / Open Exit					
22490	6:00p-10:00p	Tu Th	Staff	SAC A-224	06/14-07/21
BUSINESS APPLICATIONS 115B, COMPUTER KEYBOARDING SPEED AND ACCURACY DEVELOPMENT II					1.0 UNIT
<i>Refinement of letter, number, and symbol typing. Emphasis on individual's problem keys. Increase keyboarding speed and improve accuracy through prescribed drills and timed writings on computer.</i>					
Prerequisite: Business Applications 115A with a minimum grade of C.					
Open Entry / Open Exit					
22491	6:00p-10:00p	Tu Th	Staff	SAC A-224	06/14-07/21

CHEMISTRY

CHEMISTRY 109, CHEMISTRY IN THE COMMUNITY					4.0 UNITS
<i>The non-science major will study practical applications of chemistry and the chemical principles behind them including: the scientific method, atomic structure, molecular models, and chemical reactions. Environmental and community issues will be the focus of student centered laboratories, discussions and field trips. Group work and computer activities will be used in this cooperative learning environment.</i>					
22430			Jenkins C	SAC WEB	06/13-08/04
Section 22430 Available for Online Degree Pathway students.					
MANDATORY ORIENTATION: Monday, June 13, 2016 at 5:00 pm in R-301. The final will be proctored, on campus, Thursday, August 4, 2016 at 5:00 pm in R-301.					
Material Fee: A lab kit will need to be purchased from www.eScienceLabs.com .					
CHEMISTRY 209, INTRODUCTORY CHEMISTRY					4.0 UNITS
<i>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.</i>					
Prerequisite: Mathematics 080 or 081 with a minimum grade of C.					
22289	9:00a-12:20p	M W	Lastra S	SAC R-303	06/13-08/04
	9:00a-12:10p	Tu Th	Lastra S	SAC R-301	
22290	9:00a-12:10p	Tu Th	Pratt C	SAC R-303	06/13-08/04
	9:00a-12:20p	M W	Pratt C	SAC R-301	
22291	2:30p-5:50p	M W	Tran V	SAC R-303	06/13-08/04
	2:30p-5:40p	Tu Th	Tran V	SAC R-309	
22292	6:00p-9:10p	Tu Th	Yamada T	SAC R-318	06/13-08/04
	6:00p-9:20p	M W	Yamada T	SAC R-309	
CHEMISTRY 219, GENERAL CHEMISTRY					5.0 UNITS
<i>Fundamental principles and concepts of chemistry including, but not limited to, atomic structure, quantum theory, periodic properties, stoichiometry, oxidation-reduction, molecular structure and bonding, gas laws, states of matter, solutions, chemical kinetics and chemical equilibrium.</i>					
Prerequisite: Mathematics 080 or 081 and Chemistry 209 with a minimum grade of C or Mathematics 080 or 081 with a minimum grade of C and a passing score on current chemistry placement test.					
22293	8:45a-10:10a	M Tu W Th	Nguyen W	SAC R-318	06/13-08/04
	10:30a-1:45p	M Tu W Th	Nguyen W	SAC R-309	

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
CHEMISTRY 229, GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS					5.0 UNITS
<i>Continuation of Chemistry 219, including but not limited to ionic equilibrium, acid and base equilibrium, thermodynamics, electrochemistry, nuclear chemistry, organic chemistry and descriptive chemistry.</i>					
Prerequisite: Chemistry 219 with a minimum grade of C.					
22294	11:00a-12:25p	M Tu W Th	Mandir J	SAC R-318	06/13-08/04
	1:00p-4:15p	M Tu W Th	Mandir J	SAC R-301	

CHICANO STUDIES

CHICANO STUDIES 101, INTRODUCTION TO CHICANO STUDIES					3.0 UNITS
<i>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.</i>					
19812	6:00p-9:10p	Tu Th	Briceno G	SAC I-107	06/14-08/04

COMMUNICATION STUDIES

COMMUNICATION STUDIES 101, INTRODUCTION TO INTERPERSONAL COMMUNICATION					3.0 UNITS
<i>Introduction to communication theory, listening, perception, language usage, non-verbal communication, and conflict management.</i>					
23676			Pierce C	SAC WEB	06/13-08/04
Section 23676. Online instruction plus one mandatory on campus meeting Monday, 6/13, 6:00p-8:00p, SAC A-130. Students are required to log on to Blackboard on the first day of class: http://rscdd.blackboard.com .					
22181	8:00a-12:35p	M W	Nguyen C	SAC I-103	06/13-07/20
22194	9:15a-11:20a	Tu W Th	Shiba L	SAC A-213	06/14-08/04
22182	6:00p-10:35p	M W	Holder V	SAC C-202	06/13-07/20
22183	6:00p-10:15p	Tu Th	Holder V	SAC C-202	06/14-07/21
COMMUNICATION STUDIES 102, PUBLIC SPEAKING					3.0 UNITS
<i>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.</i>					
22188	8:00a-12:35p	M W	Pierce C	SAC C-214	06/13-07/20
22189	8:00a-12:15p	Tu Th	Pierce C	SAC C-214	06/14-07/21
22191	11:30a-1:35p	Tu W Th	Ramirez Y	SAC C-202	06/14-08/04
22190	6:00p-10:35p	M W	Fondren S	SAC C-214	06/13-07/20
22184	6:00p-10:15p	Tu Th	Lockwood L	SAC C-207	06/14-07/21
COMMUNICATION STUDIES 140, ARGUMENTATION AND DEBATE					3.0 UNITS
<i>Principles of debate techniques with emphasis on methods of logical analysis and reflective thinking. Practical application through adaptation of material to forms of debate on current issues. Completion of or concurrent enrollment in English 101 recommended. Communication Studies 097 recommended for non-native speakers.</i>					
22187	8:00a-12:15p	Tu Th	Lockwood L	SAC C-207	06/14-07/21
22186	6:00p-10:35p	M W	Lockwood L	SAC C-207	06/13-07/20

COMMUNICATIONS & MEDIA STUDIES

COMMUNICATIONS & MEDIA STUDIES 298A, DESIGNING FOR PRINT AND DIGITAL MEDIA					3.0 UNITS
<i>A comprehensive course emphasizing professional standards, theory, and techniques in print, digital, and Web-based design. Students use a digital laboratory as a platform for training in design theory, visual organization, color theory, scale, unity, and use of typography. For those interested in design careers.</i>					
22303	9:00a-10:30a	M Tu W Th	Little C	SAC C-201	06/13-08/04
	10:40a-12:10p	M Tu W Th	Little C	SAC C-201	
COMMUNICATIONS & MEDIA STUDIES 298B, INTERMEDIATE DESIGNING FOR PRINT AND DIGITAL MEDIA					3.0 UNITS
<i>An intermediate level comprehensive course emphasizing professional standards, theory, and techniques in print, digital, and Web-based design. Students use a digital laboratory as a platform for training in design theory, visual organization, color theory, scale, unity, and use of typography. For those interested in design careers. Completion of CMSD 298A is required.</i>					
Prerequisite: Communications & Media Studies 298A with a minimum grade of C or upon approval of instructor.					
22304	9:00a-10:30a	M Tu W Th	Little C	SAC C-201	06/13-08/04
	10:40a-12:10p	M Tu W Th	Little C	SAC C-201	

COMPUTER SCIENCE

COMPUTER SCIENCE 100, THE COMPUTER AND SOCIETY					3.0 UNITS
<i>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.</i>					
Software Utilized: MS Office 2013					
22484			Staff	SAC WEB	06/13-08/04
Section 22484 online instruction plus mandatory on-campus orientation Mon., 6/13, 6:00p-6:50p, SAC A-213. Students are required to logon to Blackboard on the first day of class: http://rscdd.blackboard.com .					

COMPUTER SCIENCE 104, COOPERATIVE WORK EXPERIENCE EDUCATION-OCCUPATIONAL 1.0 - 2.0 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
 22487 TBA Kushida C SAC A-107-4 06/06-08/04
 Section 22487 e-mail the instructor before the first week of class at Kushida_Cherylee@sac.edu. Students must have approval for this course before enrolling.

COMPUTER SCIENCE 125, HELP DESK SKILLS 1.5 UNITS

Introduction to Help Desk "soft skills," non-IT related business, such as effective communication, analytical thinking, diplomacy, problem solving, leadership, team building, and listening skills. In addition to learning necessary soft skills, students will be familiar with a help-desk environment, its function and organization.

22485 7:00p-10:10p Tu Th Quach N SAC A-213 06/14-07/07

COUNSELING

COUNSELING 110, UNIVERSITY TRANSFER RESEARCH 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.

22211 8:00a-12:00p M Tu W Th Vargas M SAC 06/06-06/09
 12:30p-4:30p M Tu W Th Zook R SAC

This 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

21901 Nguyen T SAC WEB 06/13-07/21
 Section 21901, Online instruction plus mandatory orientation meeting: Mon 6/13 or Tues 6/14, 6:00p-7:00p, SAC L-222. Students are required to logon to Blackboard on the first day of classes, Mon. 6/13: <http://rsccd.blackboard.com>
 21899 8:00a-12:35p M W Gilmour D SAC I-108 06/20-07/27
 21907 6:00p-10:15p Tu Th Macintyre M SAC I-101 06/14-07/21

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.

21904 6:00p-10:15p Tu Th Gilmour D SAC I-108 06/14-07/21

COUNSELING 150, INTRODUCTION TO HUMAN SERVICES 3.0 UNITS

The history and philosophy of human services including theoretical frameworks, the function and orientation of human service organizations and the roles and qualifications of human service workers. A study of the target populations served by the human services and the professional, ethical, and cultural issues facing the human service field.

21905 8:00a-12:15p Tu Th Gilmour D SAC I-108 06/14-07/21

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.

22425 8:00a-12:35p M W Gonis Jr A SAC H-207 06/13-07/20
 22426 5:30p-10:05p M W Gonis Jr A SAC H-207 06/13-07/20

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.

21828 6:00p-8:00p Tu Th Sneddon M CJTC-SD 06/07-06/30
 Enroll in .3 Units, if you plan to enroll in all class dates

CRIMINAL JUSTICE ACADEMIES 010, PRE-EMPLOYMENT PREPARATION FOR LAW ENFORCEMENT 1.0 UNIT

Criminal justice career information will be provided. Emphasis will be on preparing students to successfully complete law enforcement pre-employment testing including oral boards, physical agility, and training academy requirements.

21804 6:00p-10:00p Tu Th Staff CJTC-SD 07/19-08/13
 8:00a-12:00p Sa Staff CJTC-SD

Class is held at the Orange County Sheriff's Academy in Tustin, CA

CRIMINAL JUSTICE ACADEMIES 026A, TRAINING ACADEMY PREPARATION 0.1 - 0.3 UNITS

This course is designed to prepare the student for the Basic Law Enforcement Academy, CJA 100A. It will include drill, ceremony, physical training, reporting, and speeches.

Open Entry / Open Exit
 21803 7:00a-4:00p Sa Staff CJTC-SD 07/09-07/09
 6:45a-3:30p Sa Staff CJTC-SD 07/16-07/16

Enroll in .3 units if you plan to attend both classes. Class is held at the Orange County Sheriff's Training Academy, Tustin

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.

22254 Westergard-Dobson C SAC WEB 06/13-08/04
 Section 22254. No on-campus meeting times. Students are required to log on to Blackboard on the first day of classes: <http://rsccd.blackboard.com>

DANCE 120A, INTRODUCTION TO HIP-HOP DANCE 1.0 UNIT

An introduction to Hip-Hop dance emphasizing movement technique, dance vocabulary and creative expression. Includes learning routines and the history and culture of Hip-Hop dance. No prior experience necessary.

22255 5:00p-6:00p M W Staff SAC G-108 06/13-08/03
 6:00p-7:05p M W Staff SAC G-108

DANCE 123, INTRODUCTION TO SALSA DANCE 1.0 UNIT

An introduction to Salsa dance, including musicality, partnering, and patterns. Emphasis is on movement technique, dance vocabulary, and creative expression. Historical and contemporary forms are studied. Content varies each semester.

22253 4:15p-5:50p Tu Th Staff SAC G-108 06/14-08/04
 5:50p-6:20p Tu Th Staff SAC G-108

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.

22413 Coyne C SAC WEB 06/13-08/04
 Section 22413 Available for Online Degree Pathway Students. Online instruction. No on-campus meeting times. Students are required to logon to Blackboard the first day of classes: <http://rsccd.blackboard.com>.

22416 8:00a-12:35p M Tu W Th F Sa Su Hughes P SAC UCI 07/22-07/31

Section 22416 This is a 10 day residential program at UCI. Please apply through SAC's University Transfer Center.

22414 6:30p-9:50p M Tu W Th Staff SAC R-111 07/11-08/04

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.
 19813 8:00a-12:35p M W Montes A SAC D-209 06/13-07/20

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.
 19817 8:00a-12:15p Tu Th Montes A SAC D-209 06/14-07/21
 19815 6:00p-10:35p M W Montes A SAC D-209 06/13-07/20

EDUCATION

EDUCATION 204, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGIES FOR SECONDARY TEACHERS 3.0 UNITS

Development of personal proficiency in educational technology to facilitate the teaching process. Training in computer hardware and software terminology; spreadsheets, word processing, publication, and presentation applications; Internet search and retrieval; information literacy; electronic communication and awareness of legal and ethical issues.

22626 Funaoka M SAC WEB 06/13-08/05
 Section 22626 is online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>. There is no textbook cost.

EDUCATION 205, PERSONAL PROFICIENCY IN EDUCATIONAL TECHNOLOGY FOR ELEMENTARY TEACHERS 3.0 UNITS

Development of proficiency in educational technology to facilitate the teaching process. Training in computer hardware and software terminology; spreadsheet, word processing, publication, and presentation applications; Internet search and retrieval; information literacy; electronic communication and awareness of legal and ethical issues.

22640 Funaoka M SAC WEB 06/13-08/05
 Section 22640 is online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>

Online Counseling Now Available!
www.sac.edu/online_counseling

ENGINEERING

ENGINEERING 011, BASIC MECHANICAL BLUEPRINT READING 2.0 UNITS

Reading and interpreting blueprints for manufacturing technologies.
23211 6:00p-8:10p M W Bright T SAC R-114 06/13-08/03

ENGINEERING 100A, INTRODUCTION TO ENGINEERING 2.0 UNITS

Introduction to major fields of engineering (including mechanical, electrical, industrial, biomedical, aerospace, and others). Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, projects, and guest speakers.

22029 Gallegos H SAC WEB 06/13-08/04
Section 22029 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <http://rscdd.blackboard.com>.

ENGINEERING 100B, INTRODUCTION TO ARCHITECTURE/CIVIL ENGINEERING / CONSTRUCTION (AEC) 2.0 UNITS

Introduction to the Architectural, Civil Engineering, Construction (AEC) fields. Includes an overview of academic programs, career information and preparation requirements, virtual or in person field trips, and guest speakers.

22033 Sherod S SAC WEB 06/13-08/04
Section 22033 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <http://rscdd.blackboard.com>.

ENGINEERING 103, SOLIDWORKS BASIC SOLID MODELING 3.0 UNITS

Introductory course in parametric solid modeling. This course will include a solid modeling overview, solid model construction techniques (extrude, revolve, fillet, chamfer, etc.), including the preparation of individual solid components and basic solid model assemblies. Suggested Preparation: Engineering 011.

23209 6:00p-9:10p Tu Th Buechler M SAC T-203 06/14-08/04

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

22035 Galvez R SAC HYBRID 06/13-08/03
6:00p-10:15p M W Galvez R SAC A-225
Section 22035 online instruction plus mandatory on-campus meetings every Mon. & Wed. 6:00p 10:15p, SAC A-225.

ENGINEERING 184, AUTOCAD II - COMPUTER AIDED DRAFTING 3.0 UNITS

Intermediate course in the use of AutoCAD software. Topics include blocks, hatches, attributes, inquiry, and 3-D introduction. Recommended preparation: Engineering 183.

Software Utilized: AutoCAD 2014

22037 Galvez R SAC HYBRID 06/13-08/03
6:00p-10:15p M W Galvez R SAC A-225
Section 22037 online instruction plus mandatory on-campus meetings every Mon. & Wed. 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.

20267 8:00a-12:30p M W Rocke B SAC D-201 06/13-08/03
19854 12:30p-5:00p M Tu W Th Sosta R SAC D-103 06/13-07/07

Section 19854 is an Express to Success course. Recommend enrollment second four week in section 19853. See the Express to Success program page in the class schedule for more information.

20269 6:00p-10:15p Tu Th Andreacchi B SAC D-210 06/14-08/04

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.

19847 7:30a-10:20a M Tu W Th Brandon K SAC D-103 06/13-07/21
19838 8:00a-12:15p Tu Th Rocke B SAC D-102 06/14-08/04
19850 8:30a-11:20a M Tu W Th Sosta R SAC D-214 06/13-07/21
19849 10:30a-1:20p M Tu W Th Brandon K SAC I-201 06/13-07/21
19853 12:30p-4:45p M Tu W Th Prothero J SAC D-103 07/11-08/04

Section 19853 is an Express to Success course. Recommend enrollment first four week in section 19854. See the Express to Success program page in the class schedule for more information.

19867 12:30p-5:00p M Tu W Th Dahl A SAC D-107 06/13-07/07
Section 19867 is an Express to Success course. Recommend enrollment first four week in section 19866. See the Express to Success program page in the class schedule for more information.

19851 6:00p-10:30p M Tu W Th Bradley M SAC D-107 06/13-07/07
Section 19851 is an Express to Success course. Recommend enrollment second four week in section 19852. See the Express to Success program page in the class schedule for more information.

19835 6:00p-10:30p M W Simmerman S SAC D-102 06/13-08/03

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.

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.

19883 3:00p-4:50p M Ramshaw C SAC HYBRID 06/27-08/01
Ramshaw C SAC I-107

Section 19883 requires mandatory on-campus meetings on Mondays 6/27, 7/11, 7/25 from 3:00p-4:50p in SAC I-107. Attendance at first class meeting is mandatory. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>.

19864 4:30p-6:50p W Axtell C SAC HYBRID 06/13-07/21
Axtell C SAC D-109

Section 19864 requires mandatory on-campus meetings on Wednesdays 6/15, 6/22, 7/6, 7/20 from 4:30p-6:50p in SAC D-109. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>. Email instructor the first week of class (axtell_christina@sac.edu)

19865 7:30a-10:20a M Tu W Th Arnold G SAC D-204 06/13-07/21
19858 7:30a-10:20a M Tu W Th Bassett D SAC D-108 06/13-07/21
19856 8:00a-12:30p M W Ozima M SAC D-107 06/13-08/03
19859 10:30a-1:20p M Tu W Th Bassett D SAC D-108 06/13-07/21
19862 10:30a-1:20p M Tu W Th Martinez Guzman D SAC D-110 06/13-07/21
19866 12:30p-4:45p M Tu W Th Dongell R SAC D-107 07/11-08/04

Section 19866 is an Express to Success course. Recommend enrollment first four week in section 19867. See the Express to Success program page in the class schedule for more information.

19863 1:30p-4:20p M Tu W Th Martinez Guzman D SAC D-109 06/13-07/21
19860 4:30p-7:20p M Tu W Th Kelley S SAC D-304 06/13-07/21
19857 6:00p-10:15p Tu Th Friedman K SAC D-108 06/14-08/04
19881 6:00p-10:15p M Tu W Th Chao I SAC I-106 07/11-08/04
19852 6:00p-10:15p M Tu W Th Pelle M SAC D-107 07/11-08/04

Section 19852 is an Express to Success course. Recommend enrollment first four week in section 19851. See the Express to Success program page in the class schedule for more information.

ENGLISH 101H, HONORS FRESHMAN COMPOSITION 4.0 UNITS

An enriched exposure to expository and argumentative essays and the research paper, requiring in-depth analysis of issues and substantive treatment of student-selected topics.

Prerequisite: English 061 or English for Multilingual Students 112 or Adult Basic Education 116 or qualifying profile from English placement process AND a high school or college GPA of 3.0 or above.

22276 10:30a-1:20p M Tu W Th Diller J SAC D-109 06/13-07/21

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.

20248 5:00p-6:50p M Ramshaw C SAC HYBRID 06/27-08/01
Ramshaw C SAC I-107

Section 20248 requires mandatory on-campus meetings on Mondays 6/27, 7/11, 7/25 from 5:00p-6:50p in SAC I-107. Attendance at first class meeting is mandatory. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>

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.

22047 10:00a-11:50a M Beyersdorf M SAC HYBRID 06/13-07/07
Beyersdorf M SAC I-208
Beyersdorf M SAC D-208

Section 22047 requires mandatory on-campus meetings on Mondays, 6/13, 6/20, 6/27 AND Thursday 7/07 from 10:00am-11:50am in I-208. Students are required to log on to Blackboard on the first day of class: <http://rscdd.blackboard.com>.

Email instructor the first week of class (beyersdorf_matthew@sac.edu)

20265 8:00a-2:30p M Tu W Th F Sa Su Higgins C SAC UCI 07/24-07/30
20252 10:30a-1:20p M Tu W Th Patterson K SAC D-304 06/13-07/21
20263 1:30p-4:20p M Tu W Th Staff SAC D-110 06/13-07/21
20262 4:30p-7:20p M Tu W Th Patterson K SAC D-110 06/13-07/21
20251 6:00p-10:15p Tu Th Clark C SAC D-109 06/14-08/04

ENGLISH 103H, HONORS CRITICAL THINKING AND WRITING 4.0 UNITS

Enriched and intensive exploration of historical and contemporary issues. Application of critical thinking, writing and reading skills to established argumentative methods and models through student-initiated discussion and problem-solving in a seminar setting.

Prerequisite: English 101 or English 101H with a minimum grade of C and high school or college GPA of 3.0 or above.

20266 8:00a-2:35p M Tu W Th Sa Su Higgins C SAC UCI 07/25-07/31

ENGLISH FOR MULTILINGUAL STUDENTS

ENGLISH FOR MULTILINGUAL STUDENTS 055, WRITING, GRAMMAR AND READING I 4.0 UNITS

Sentence-level writing for multilingual students who can speak English but often make grammar mistakes when writing. Narrative paragraphs and journal writing. Revision and editing. Basic grammar including verb tenses and modals. Critical reading.

19818 9:00a-1:25p M Tu W Th Hassel E SAC I-104 06/13-07/21

ENGLISH FOR MULTILINGUAL STUDENTS 107, WRITING, GRAMMAR AND READING II 4.0 UNITS

Sentence and paragraph-level writing for multilingual students who can speak English but often make grammar mistakes when writing. Narrative and descriptive paragraphs. Revision and editing. Review of basic grammar. Practice with sentence variety. Critical reading.

Prerequisite: EMLS 055 with a minimum grade of C or qualifying profile from ESL placement process.
19821 9:00a-1:25p M Tu W Th Baker E SAC I-106 06/13-07/21

ENGLISH FOR MULTILINGUAL STUDENTS 109, WRITING, GRAMMAR AND READING III 4.0 UNITS

Paragraph-level writing for multilingual students who speak English but often make grammar mistakes when they write. Narrative, descriptive, and expository paragraph practice. Revision and editing. Complex grammar structures. Critical reading.

Prerequisite: EMLS 107 with a minimum grade of C or qualifying profile from ESL placement process.
19820 9:00a-1:25p M Tu W Th Hicks R SAC I-107 06/27-08/04

ENGLISH FOR MULTILINGUAL STUDENTS 110, INTRODUCTION TO THE ESSAY 3.0 UNITS

Introductory writing course for multilingual students who speak English fluently but make multiple grammar errors when writing. This composition course progresses from paragraph to essay, emphasizing basic expository modes, grammar review, critical reading, and revision and editing techniques.

Prerequisite: EMLS 109 with a minimum grade of C or qualifying profile from ESL placement process.
19822 6:00p-8:50p M Tu W Th Beasley J SAC D-205 06/13-07/21

FASHION DESIGN MERCHANDISING

FASHION DESIGN MERCHANDISING 052, KNIT SEWING 2.0 UNITS

Knit and stretch construction techniques to sew lingerie, bathing suits, jogging attire and knit shirts.

22464 3:15p-8:30p Tu Th Benson K SAC T-201 06/14-07/21

FASHION DESIGN MERCHANDISING 053, INTRODUCTION TO SEWING 2.0 UNITS

Basics in sewing; how to use the sewing machine, understanding pattern terms and tools and constructing basic samples, skirts, and shirts.

22623 3:15p-8:30p Tu Th Benson K SAC T-201 06/14-07/21

FASHION DESIGN MERCHANDISING 055, CHILDREN'S CLOTHING 2.0 UNITS

Quick basic sewing techniques. Emphasis on individualizing designs to create a variety of functional, durable children's garments.

22451 10:00a-2:20p Tu Th Benson K SAC T-201 06/14-07/21

FASHION DESIGN MERCHANDISING 105B, INTERMEDIATE SEWING 2.0 UNITS

Follow-up of Fashion Design Merchandising 053 and 105A, Beginning Sewing. Coordination of woven fabrics and pattern fitting in construction of class projects such as pants, dress shirts, and unlined jackets.

22453 10:00a-3:05p Tu Th Benson K SAC T-201 06/14-07/21

FASHION DESIGN MERCHANDISING 299, COOPERATIVE WORK EXPERIENCE EDUCATION 1.0 - 4.0 UNITS

Supervised fashion field experience with new tasks in major. Students can earn 1 unit of credit for 60 hours worked up to 240 hours for 4 units.

Prerequisite: 12 units of Fashion Design Merchandising courses completed.
22465 8:40p-9:30p Tu Benson K SAC T-201 06/14-07/19

FIRE TECHNOLOGY

FIRE TECHNOLOGY 101, FIRE PROTECTION ORGANIZATION 3.0 UNITS

Survey of career opportunities in fire service and related fields; history of fire protection; fire loss analysis; public, quasi-public and private fire protection services; specific fire protection functions; fire chemistry; and physics.

23300 8:00a-12:15p Tu Th Freeman S SAC W-101 06/14-07/21

FRENCH

FRENCH 101, ELEMENTARY FRENCH I 5.0 UNITS

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

20270 4:30p-7:05p M Tu W Th Nabulsi A SAC D-204 06/13-08/04

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.

20272 9:00a-1:45p M W Mills M SAC D-202 06/13-07/20

GEOGRAPHY 101, PHYSICAL GEOGRAPHY 3.0 UNITS

Introduction to the physical elements of geography: maps, earth/sun relationships, meteorology and climatology, natural vegetation, soils, and geomorphology.

20273 9:00a-1:15p Tu Th Winslow S SAC D-202 06/14-07/21

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.

22412 8:00a-11:20a M Tu W Th Hughes P SAC R-111 06/13-07/07

HISTORY

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

Examines the development of world civilizations and their interrelationships from the earliest beginnings to the sixteenth century. Emphasis on basic ideas, institutions, personalities, religious traditions, and artistic achievements.

20274 12:30p-5:05p M W Ghelfi G SAC D-205 06/13-07/20

HISTORY 102, WORLD CIVILIZATIONS SINCE THE 16TH CENTURY 3.0 UNITS

Broad historical study of world civilizations and their interrelationships from the 16th century to the present. Ideas, institutions, personalities, and artistic achievements which have contributed to present-day society.

20275 12:30p-3:40p Tu Th Booth B SAC D-205 06/14-08/04

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.

20288 8:00a-12:35p M W Ghelfi G SAC D-213 06/13-07/20
20290 8:00a-12:15p Tu Th Stanfield A SAC I-109 06/14-07/21

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.

20292 8:00a-12:15p Tu Th Ghelfi G SAC D-205 06/14-07/21
20294 6:00p-10:15p Tu Th Deluna D SAC I-109 06/14-07/21

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.

20295 8:00a-12:35p M W Veyna A SAC D-206 06/13-07/20
20296 6:00p-10:35p M W Veyna A SAC D-206 06/13-07/20
20298 6:00p-10:15p Tu Th Staff SAC I-201 06/14-07/21

HISTORY 127, WOMEN IN U.S. HISTORY 3.0 UNITS

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

20299 8:00a-11:10a Tu Th Veyna A SAC D-206 06/14-08/04

HUMAN DEVELOPMENT

HUMAN DEVELOPMENT 107, CHILD GROWTH AND DEVELOPMENT (DS1) 3.0 UNITS

This course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, from conception through adolescence. Using developmental theories and research methodologies, course emphasis will be on typical and atypical development, maturational processes, and environmental factors. Students will also observe children, evaluate individual differences, and analyze characteristics of development at various stages.

22641 Hardy M SAC WEB 06/13-08/04

Section 22641 is online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>.

22643 Valdez S SAC WEB 06/13-08/04

Section 22643 is online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>.

22644 Hardy M SAC WEB 06/13-08/04

Section 22644 is online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>.

22642 9:00a-12:10p Tu Th Lamourelle C SAC V-150 06/14-08/4

22645 11:00a-2:20p M W Naman T SAC V-150 06/13-08/03

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.

22661 Valdez S SAC HYBRID 06/13-07/06

6:00p-9:00p W Valdez S SAC V-151
Section 22661 combines online instruction plus mandatory on-campus meetings on Wed, 06/15, 06/22, 06/29, 07/06 from 6:00p-9:00p, SAC V-151.
Email instructor first week of class (valdez_susanne@sac.edu)

22675 Funaoka M SAC HYBRID 07/11-08/03

6:00p-9:00p W Funaoka M SAC V-151
Section 22675 combines online instruction plus mandatory on-campus meetings on Wed, 07/13, 07/20, 07/27, 08/03 from 6:00p-9:00p, SAC V-151.
Email instructor first week of class (funaoka_mary@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.

OER 22681 2:30p-5:50p M W Naman T SAC T-203-1 06/13-08/03

Academic Planning Questions?
www.sac.edu/online_counseling

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
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HUMAN DEVELOPMENT 205, EXCEPTIONALITY AND SPECIAL NEEDS IN HUMAN DEVELOPMENT

3.0 UNITS

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

22682	6:00p-9:10p	Tu Th	Maertzweiler Laney M	SAC H-207	06/14-08/04
22684	6:00p-9:20p	M W	Maertzweiler Laney M	SAC V-150	06/13-08/03

HUMAN DEVELOPMENT 214, CREATIVE ART EXPERIENCES FOR CHILDREN

1.5 UNITS

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

22685	5:00p-10:25p	Tu	Morgan-Beazell G	SAC V-151	06/14-08/02
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HUMAN DEVELOPMENT 298A, PRACTICUM IN EARLY CHILDHOOD PROGRAMS

3.5 UNITS

Under guided supervision in a RSCCD Child Development Center or approved mentor site, students will demonstrate competency in connecting theory to practice, and enhance professional-behaviors. Students will plan and implement child-centered, play-oriented approaches to teaching, learning, and assessment. Knowledge of curriculum content areas will be emphasized as students design, implement, and evaluate positive experiences for young children.

Prerequisite: Human Development 111B with a minimum grade of C. This is a Capstone Course to be taken after all other courses in this major (Courses include: Human Development 107, 108A, 110, 111A, 111B, 112, 200, 221, 231). Negative TB Test.

22687	6:00p-9:50p	Tu	Valdez S	SAC V-150	06/14-08/02
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Section 22687 has 10 hours arranged per week.

HUMAN DEVELOPMENT 298B, PRACTICUM IN INFANT/TODDLER PROGRAMS

3.5 UNITS

Under guided supervision in a RSCCD Child Development Center or approved mentor site, students will demonstrate competency in connecting theory to practice and enhance professional behaviors. Students will plan and implement child-centered, play-oriented approaches to teaching, learning, and assessment. Knowledge of curriculum content areas will be emphasized as students design, implement, and evaluate positive experiences for young children.

Prerequisite: Human Development 116B with a minimum grade of C. This is a Capstone Course to be taken after all other courses in this major. (Courses include: Human Development 107, 108A, 110, 112, 116A, 116B, 200, 221, 231). Negative TB Test.

22690	6:00p-9:50p	Tu	Valdez S	SAC V-150	06/14-08/02
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Section 22690 has 10 hours arranged per week.

KINESIOLOGY ACTIVITIES

KINESIOLOGY ACTIVITIES 123, PERSONAL FITNESS TRAINING

1.0 UNIT

Activity course designed to assist students in mastering effective lifestyles, and nutritional, cardiovascular, and resistance training techniques crucial for personal fitness and personal growth. Goal setting and motivation, time management, stress management, as well as development of an individual fitness routine and execution of that routine are the primary topics.

	22371		Jones G	SAC WEB	06/13-08/04
OER	Section 22371 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rscdd.blackboard.com .				
	22372		Jones G	SAC WEB	06/13-08/04
OER	Section 22372 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 ACTIVITIES 169A, BEGINNING WRESTLING

1.0 UNIT

Fundamentals of wrestling skills and techniques. Take-downs, escape, analysis of opponents strengths and weaknesses will be considered. Student will master rules, regulations, and ethics of the activity.

22756	7:00p-9:50p	M Tu Th	Silva V	SAC W-111	06/27-08/04
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KINESIOLOGY ACTIVITIES 170A, BEGINNING YOGA

1.0 UNIT

An exercise program involving postures to increase flexibility and core muscle strength as a way of improving and enhancing physical and mental alertness.

22921	7:30a-9:35a	M Tu Th	Anderson R	SAC W-107	06/13-08/04
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KINESIOLOGY ACTIVITIES 211A, BEGINNING BASEBALL

1.0 UNIT

Beginning fundamentals of fielding, throwing and hitting. Includes play situations with an emphasis on team offensive and defensive strategy.

22612	2:45p-7:20p	M W	Nilles T	SAC Baseball Fld	06/27-08/04
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KINESIOLOGY ACTIVITIES 211B, INTERMEDIATE BASEBALL

1.0 UNIT

Intermediate fundamentals designed to help prepare the student for baseball competition. Students will learn offensive skills, defensive skills, and communication under competitive game conditions.

Prerequisite: Kinesiology Activities 211A with a minimum grade of C.

22798	2:45p-7:20p	M W	Nilles T	SAC Baseball Fld	06/27-08/04
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KINESIOLOGY ACTIVITIES 220A, BEGINNING BASKETBALL

1.0 UNIT

Co-educational team sport activity which provides basic skills and techniques are refined at the beginner level. Rules, game strategies, and competitive activities are included.

22512	2:45p-4:50p	Tu Th	Luppani M	SAC G-105	06/27-08/04
	4:50p-6:55p	M W	Luppani M	SAC G-105	
22352	2:45p-4:50p	M W	Breig D	SAC G-105	06/27-08/04
	5:00p-7:05p	Tu Th	Breig D	SAC G-105	

KINESIOLOGY ACTIVITIES 220B, INTERMEDIATE BASKETBALL

1.0 UNIT

Co-educational team sport activity which provides intermediate instruction in the techniques, tactics and strategies associated with competitive basketball. Special emphasis placed on individual drills and skills such as catching, dribbling, passing, shooting, offensive and defensive strategies are utilized as well as competitive play situations.

Prerequisite: Kinesiology Activities 220A with a minimum grade of C.

22806	2:45p-4:50p	Tu Th	Luppani M	SAC G-105	06/27-08/04
	4:50p-6:55p	M W	Luppani M	SAC G-105	
22801	2:45p-4:50p	M W	Breig D	SAC G-105	06/27-08/04
	5:00p-7:05p	Tu Th	Breig D	SAC G-105	

SECTION	TIME	DAY	INSTRUCTOR	LOCATION	DATES
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KINESIOLOGY ACTIVITIES 220C, ADVANCED BASKETBALL

1.0 UNIT

Co-educational team sport activity for students with advanced skills. Review of basic fundamental skills and emphasis on advanced development of skills and strategies associated with competitive basketball.

Prerequisite: Kinesiology Activities 220B with a minimum grade of C.

22807	2:45p-4:50p	Tu Th	Luppani M	SAC G-105	06/27-08/04
	4:50p-6:55p	M W	Luppani M	SAC G-105	
22804	2:45p-4:50p	M W	Breig D	SAC G-105	06/27-08/04
	5:00p-7:05p	Tu Th	Breig D	SAC G-105	

KINESIOLOGY ACTIVITIES 260A, BEGINNING SOCCER

1.0 UNIT

This course is designed to introduce/better acquaint students to the game of outdoor soccer. Emphasis is placed on rules, techniques, safety, and improving performance.

22747	4:00p-6:05p	M Tu W Th	Vasquez J	SAC Soccer Fld	06/27-08/07
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KINESIOLOGY ACTIVITIES 260B, INTERMEDIATE SOCCER

1.0 UNIT

This course is designed to review and solidify techniques and tactics associated with the game of outdoor soccer. Instruction focuses on improving performance in all aspects of the game: defense, midfield, attack, and special situations.

22978	4:00p-6:05p	M Tu W Th	Vasquez J	SAC Soccer Fld	06/27-08/07
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KINESIOLOGY AEROBIC FITNESS

KINESIOLOGY AEROBIC FITNESS 146A, BEGINNING STABILITY BALL

1.0 UNIT

A core training and strengthening workout using stability balls and free weights (dumbbells) to build core strength and functional fitness. Designed to tone the entire body with special emphasis on progressively improving posture, balance, flexibility, core strength and coordination.

22761	10:15a-12:20p	M Tu W Th	Baquero J	SAC W-107	06/27-08/04
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KINESIOLOGY AEROBIC FITNESS 146B, INTERMEDIATE STABILITY BALL TRAINING

1.0 UNIT

An intermediate core training and strengthening workout using stability balls and free weights (dumbbells) to build core strength and functional fitness. Designed to tone the entire body with special emphasis on progressively improving posture, balance, flexibility, core strength and coordination.

Prerequisite: Kinesiology Aerobic Fitness 146A with a minimum grade of C

22979	10:15a-12:20p	M Tu W Th	Baquero J	SAC W-107	06/27-08/04
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KINESIOLOGY AEROBIC FITNESS 156A, BEGINNING CARDIO KICKBOXING

1.0 UNIT

A series of boxing and kickboxing exercises are arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program. Kicks, punches, calisthenics, and rope jumping are combined to elevate heart rate and strengthen all major muscle groups. Students will learn to apply these self-defense techniques on kick pads and focus mitts to improve accuracy and provide resistance for the muscles.

22762	6:00p-8:05p	M Tu W Th	Howell A	SAC W-107	06/27-08/04
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KINESIOLOGY AEROBIC FITNESS 156B, INTERMEDIATE CARDIO KICKBOXING

1.0 UNIT

A series of boxing and kickboxing exercises are arranged to music, gradually increasing in tempo with a greater emphasis on a non-stop 25-30 minute program. This class is designed to increase competence in kicking and punching, calisthenics, and rope jumping in various combinations to improve fitness. Students will further develop intermediate level self-defense techniques on kick pads and focus mitts to improve accuracy and provide resistance for the muscles.

Prerequisite: Kinesiology Aerobic Fitness 156A with a minimum grade of C

22980	6:00p-8:05p	M Tu W Th	Howell A	SAC W-107	06/27-08/04
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KINESIOLOGY AQUATICS

KINESIOLOGY AQUATICS 201A, BEGINNING SWIMMING

1.0 UNIT

Instruction and experience in the basic stroke techniques and safety procedures of swimming.

22611	12:30p-2:35p	M Tu W Th	Nilles T	SAC Pool	06/13-07/21
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KINESIOLOGY AQUATICS 201B, INTERMEDIATE SWIMMING

1.0 UNIT

Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training.

Prerequisite: Kinesiology Aquatics 201A with a minimum grade of C.

22981	12:30p-2:35p	M Tu W Th	Nilles T	SAC Pool	06/13-07/21
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KINESIOLOGY FITNESS

KINESIOLOGY FITNESS 112A, BEGINNING CIRCUIT TRAINING

1.0 UNIT

An introduction to fundamental principles and practices of circuit training including: safety, using cardiovascular and resistance machines, and components of exercise. This course provides the basics of a comprehensive exercise program that combines cardiovascular exercises with strength training.

22615	9:45a-11:10a	M Tu W Th	Nutter K	SAC E-102	06/13-08/04
22370	1:15p-2:40p	M Tu W Th	Breig D	SAC E-102	06/13-08/04
22619	5:30p-7:35p	M Tu W Th	Jimmerson C	SAC E-102	06/13-08/04

KINESIOLOGY FITNESS 112B, INTERMEDIATE CIRCUIT TRAINING

1.0 UNIT

A continuation of exercise principles and practices of circuit training covered in Beginning Circuit Training. This course is designed to help students increase cardiovascular conditioning using a combination of resistive strength exercises and endurance training. Must complete Beginning Circuit Training prior to enrollment.

Prerequisite: Kinesiology Fitness 112A with a minimum grade of C/P or Kinesiology Fitness 110A with a minimum grade of P.

22984	9:45a-11:10a	M Tu W Th	Nutter K	SAC E-102	06/13-08/04
22982	1:15p-2:40p	M Tu W Th	Breig D	SAC E-102	06/13-08/04
22988	5:30p-7:35p	M Tu W Th	Jimmerson C	SAC E-102	06/13-08/04

KINESIOLOGY FITNESS 112C, ADVANCED CIRCUIT TRAINING 1.0 UNIT					
<i>An individualized fitness program developed to promote lifetime fitness. Employs a combination of cardiovascular machines (treadmill, steppers, bicycles, elliptical, rower, etc.), and resistance machines. This course is designed as a continuation of Intermediate Circuit Training and promotes increased cardiovascular and muscular endurance. Educates students on the principles of nutrition and the body's adaptation to exercise.</i>					
Prerequisite: Kinesiology Fitness 112B with a minimum grade of C/P or Kinesiology Fitness 110B with a minimum grade of P.					
22986	9:45a-11:10a	M Tu W Th	Nutter K	SAC E-102	06/13-08/04
22983	1:15p-2:40p	M Tu W Th	Breig D	SAC E-102	06/13-08/04
22989	5:30p-7:35p	M Tu W Th	Jimmerson C	SAC E-102	06/13-08/04

KINESIOLOGY HEALTH EDUCATION

KINESIOLOGY HEALTH EDUCATION 101, HEALTHFUL LIVING 3.0 UNITS					
<i>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.</i>					
22353			Breig D	SAC WEB	06/13-08/04
Section 22353 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					
22356			Breig D	SAC WEB	06/27-08/04
Section 22356 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					
22521	10:15a-12:20p	M Tu W Th	Nilles T	SAC F-102	06/13-07/21

KINESIOLOGY HEALTH EDUCATION 102, WOMEN'S HEALTH ISSUES 3.0 UNITS					
<i>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.</i>					
22613			Nutter K	SAC WEB	06/13-08/04
Section 22613 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					
22614			Nutter K	SAC WEB	06/27-08/04
Section 22614 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					

KINESIOLOGY HEALTH EDUCATION 104, NUTRITION AND FITNESS 2.0 UNITS					
<i>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.</i>					
22333			Abbey T	SAC WEB	06/13-08/04
Section 22333 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					
22335			Abbey T	SAC WEB	07/11-08/04
Section 22335 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					

KINESIOLOGY INTERCOLLEGIATE ATHLETICS

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 128, CONDITIONING FOR ATHLETES 1.0 UNIT					
<i>An exercise program designed for athletes who participate in intercollegiate sports. Emphasis will be on the development of speed, endurance, flexibility, and strength.</i>					
22752	7:30a-9:35a	M Tu W Th	Vasquez J	SAC G-114	06/27-08/04
22350	8:00a-10:05a	M Tu W Th	Baquero J	SAC G-103	06/27-08/04
22745	10:15a-12:20p	M Tu W Th	Parra S	SAC G-103	06/27-08/04

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 232, FOOTBALL 1.0 UNIT					
<i>Basic elements of the game including fundamental skills in stance, footwork, tackling and blocking techniques will be presented. Offensive and defensive formations and strategies will be practiced. The focus is skill development and conditioning, and is included in the 175 hours allotted to football for offseason development.</i>					
Material Fee(s): \$5.00					
22373	4:00p-6:30p	M Tu W Th	Jones G	SAC G-113	06/27-07/28

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 261, SOCCER-WOMEN 1.0 UNIT					
<i>This soccer class is designed for student-athlete sport conditioning and technical and tactical skill development.</i>					
22351	2:00p-4:05p	M Tu W Th	Baquero J	SAC Soccer Fld	06/27-08/04

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 281, TRACK AND FIELD - OFF SEASON 1.0 UNIT					
<i>This course is designed to provide skills development and conditioning for intercollegiate track and field athletes. Students learn the principles of team building while preparing for individual event specific activities. The focus will be on improving event specific technical skills, training methods, and mental set for competitive performance in track and field.</i>					
22618	7:30a-9:35a	M Tu W Th	Mitzel M	SAC Track	06/27-08/04

KINESIOLOGY INTERCOLLEGIATE ATHLETICS 291, VOLLEYBALL - OFF SEASON 1.0 UNIT					
<i>This course is designed as a high-level conditioning and skills development program for volleyball players with exceptional talent.</i>					
23109	7:05p-9:55p	M Tu Th	Abbey T	SAC G-105	06/27-08/04

KINESIOLOGY PROFESSIONAL

KINESIOLOGY PROFESSIONAL 101, INTRODUCTION TO KINESIOLOGY 3.0 UNITS					
<i>This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions.</i>					
22617			Sos B	SAC WEB	06/13-08/04
Section 22617 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					

KINESIOLOGY PROFESSIONAL 125, SPORT PSYCHOLOGY 3.0 UNITS					
<i>An academic and practical examination of the psychological aspects of sport concentrating on the scientifically proven methods of enhancing athletic performance through psychological training.</i>					
22514			Luppani M	SAC WEB	06/13-08/04
Section 22514 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					

KINESIOLOGY PROFESSIONAL 150, SPORT AND SOCIETY 3.0 UNITS					
<i>Examines the role of sport in modern society. Looks at how sport influences and shapes global attitudes among nations. Investigates the historical, social, economic, and political impact of sport on society.</i>					
22616			Nyssen A	SAC WEB	06/13-08/04
Section 22616 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					

KINESIOLOGY PROFESSIONAL 170, SPORT ETHICS 3.0 UNITS					
<i>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.</i>					
22515			Luppani M	SAC WEB	06/13-08/04
Section 22515 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of classes: http://rsccd.blackboard.com .					

KINESIOLOGY PROFESSIONAL 175, THEORY OF FOOTBALL 2.0 UNITS					
<i>Tactics and strategies applied to specific game situations incorporating evaluation of opponent's development of game plan including offense, defense, and the kicking game.</i>					
22380	3:00p-3:50p	M Tu W Th	Jones G	SAC	06/27-07/28
	6:40p-7:30p	M Tu W Th	Nyssen A	SAC	

MANAGEMENT

MANAGEMENT 120, PRINCIPLES OF MANAGEMENT 3.0 UNITS					
<i>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.</i>					
22478	6:00p-9:20p	M W	Irion M	SAC A-207	06/13-08/03

MANAGEMENT 122, BUSINESS COMMUNICATIONS 3.0 UNITS					
<i>Overview of oral and written communication skills used in business; emphasizes guidelines for improving writing and speaking skills, common solutions to common communication problems, ethical issues facing business communicators today, instructions on how to identify areas of legal vulnerability, and tested techniques for communicating successfully in today's high-tech, international business environment. Suggested preparation: English 061 or English for Multi-lingual Students 112 or American College English 116.</i>					
22479	6:00p-9:20p	M W	Woolgar D	SAC A-108	06/13-08/03

MANUFACTURING TECHNOLOGY

MANUFACTURING TECHNOLOGY 011, BASIC MECHANICAL BLUEPRINT READING 2.0 UNITS					
<i>Reading and interpreting blueprints for manufacturing technologies.</i>					
23210	6:00p-8:10p	M W	Bright T	SAC R-114	06/13-08/03

MANUFACTURING TECHNOLOGY 073, MASTERCAM - 2D GEOMETRY, 2D TOOLPATHS 3.0 UNITS					
<i>Computer assisted numerical control programming of machine tools using Mastercam software. Creation of 2D-part geometry. 2D-part programming including contouring, pocketing, drilling, and tapping. Suggested preparation: Manufacturing Technology 071.</i>					
23212	6:00p-9:20p	M W	Singh N	SAC T-203-1	06/13-08/03

MANUFACTURING TECHNOLOGY 075, MASTERCAM - 3D GEOMETRY, 3D SURFACES 3.0 UNITS					
<i>Continued instruction of computer assisted numerical control programming. Advanced concepts and methods of creating 3D geometry and 3D surfaces using Mastercam 3D software.</i>					
Prerequisite: Manufacturing Technology 073 with a minimum grade of C.					
23213	6:00p-9:10p	Tu Th	Singh N	SAC T-203-1	06/14-08/04

MANUFACTURING TECHNOLOGY 103, SOLIDWORKS BASIC SOLID MODELING 3.0 UNITS					
<i>Introductory course in parametric solid modeling. This course will include a solid modeling overview, solid model construction techniques (extrude, revolve, fillet, chamfer, etc), including the preparation of individual solid components and basic solid model assemblies. Suggested preparation: MNFG 011.</i>					
22790	6:00p-9:10p	Tu Th	Buechler M	SAC T-203	06/14-08/04

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www.sac.edu/online_counseling

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.

22320	8:00a-10:55a	M Tu W Th	Hoang K	SAC L-207	06/13-07/21
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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.

22408	7:30a-10:25a	M Tu W Th	Rogers N	SAC R-113	06/13-07/21
22409	10:45a-1:40p	M Tu W Th	Lechuga J	SAC R-113	06/13-07/21
22410	7:00p-9:55p	M Tu W Th	Hashemi S	SAC R-113	06/13-07/21

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.

22315	8:00a-12:25p	M Tu W Th	Everett M	SAC H-107	06/13-07/21
22316	11:15a-3:40p	M Tu W Th	Romero M	SAC H-109	06/13-07/21
22317	12:45p-5:10p	M Tu W Th	He L	SAC H-107	06/13-07/21
22318	5:30p-9:55p	M Tu W Th	Giddings-Aggleton J	SAC H-107	06/13-07/21

MATHEMATICS 084, BEGINNING AND INTERMEDIATE ALGEBRA 6.0 UNITS

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

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.

22378			McKowan-Bourguignon L	SAC WEB	06/13-07/21
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Section 22378 MANDATORY on-campus exam dates are Thurs, 6/30/16 and 7/21/16, 6:00p-8:00p, SAC I-206. Students are required to logon to Blackboard on the first day of class <http://rsccd.blackboard.com>.

22368	8:00a-12:25p	M Tu W Th	Mishal A	SAC H-105	06/13-07/21
22369	5:30p-9:55p	M Tu W Th	Galima L	SAC R-119	06/13-07/21

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.

22379	5:30p-8:25p	M Tu W Th	Margo J	SAC H-104	06/13-07/21
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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.

22383			Everett M	SAC WEB	06/13-07/21
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Section 22383 MANDATORY on-campus exam dates are Thurs, 6/30/16 and 7/21/16, 6:00p-8:00p, SAC I-209. Students are required to logon to Blackboard on the first day of class. <http://rsccd.blackboard.com>.

22381	7:30a-10:25a	M Tu W Th	Mirbeik Sabzevary M	SAC R-114	06/13-07/21
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MATHEMATICS 150, CALCULUS FOR BIOLOGICAL, MANAGEMENT AND SOCIAL SCIENCES 4.0 UNITS

Single and multi-variable calculus including limits, derivatives, integrals, exponentials, and logarithmic functions and partial derivatives. Applications are drawn from biology, social science, and business.

Prerequisite: Mathematics 140 or Mathematics 145 with a minimum grade of C; or placement into Mathematics 150 on the Mathematics Level 3 Placement Exam and a course equivalent to Mathematics 140.

22384	6:30p-10:05p	M Tu W Th	Ausmus B	SAC H-109	06/13-07/21
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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.

22388	7:30a-10:25a	M Tu W Th	Cedeno J	SAC I-202	06/13-07/21
22387	1:30p-4:25p	M Tu W Th	Mishal A	SAC H-104	06/13-07/21

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.

22389	11:15a-2:50p	M Tu W Th	Yi P	SAC I-203	06/13-07/21
22391	6:30p-10:05p	M Tu W Th	Meier K	SAC I-203	06/13-07/21

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.

22393	11:15a-2:50p	M Tu W Th	Phan V	SAC I-204	06/13-07/21
22394	6:30p-10:05p	M Tu W Th	Elgindi I	SAC I-204	06/13-07/21

MATHEMATICS 185, ANALYTIC GEOMETRY AND CALCULUS 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 with a minimum grade of C.

22396	7:30a-11:05a	M Tu W Th	Yi P	SAC I-204	06/13-07/21
22397	6:30p-10:05p	M Tu W Th	Lieu T	SAC H-105	06/13-07/21

MATHEMATICS 204, MATHEMATICAL CONCEPTS FOR ELEMENTARY SCHOOL TEACHERS CONCEPTS OF ELEMENTARY MATHEMATICS 4.0 UNITS

Designed for prospective elementary teachers, the course emphasizes problem solving techniques and mathematical structure associated with numeration, set theory, elementary number theory, real number system, ratio, proportion, and percent. The course includes instructional delivery design and activity-based explorations.

23898	8:00a-10:55a	M Tu W Th	Staff	SAC H-109	06/13-07/21
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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.

22398	8:00a-11:35a	M Tu W Th	Lui R	SAC H-108	06/13-07/21
22401	11:15a-2:50p	M Tu W Th	Leeds K	SAC L-207	06/13-07/21
22399	12:00p-3:35p	M Tu W Th	Lui R	SAC H-108	06/13-07/21
22400	6:00p-9:35p	M Tu W Th	Tran L	SAC H-108	06/13-07/21

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.

23034	8:00a-12:00p	M	Emley C	SAC R-307	06/27-06/27
	12:30p-4:30p	M	Emley C	SAC R-307	

MEDICAL ASSISTANT 051A, BEGINNING MEDICAL TERMINOLOGY 3.0 UNITS

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

23030	8:00a-12:15p	Tu W Th	Emley C	SAC R-307	06/14-07/07
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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.

23035	12:00p-4:15p	Tu W Th	Seitz C	SAC R-303-1	06/14-07/07
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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.

22233			Jones E	SAC WEB	06/13-07/21
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Section 22233 Available for Online Degree Pathway students. Online instruction.

No on-campus meeting times. Students are required to logon to Blackboard

on the first day of classes: <http://rsccd.blackboard.com>.

22235			Staff	SAC WEB	06/13-07/21
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Section 22235 online instruction. No on-campus meeting times. Students are required

to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>.

22236	6:00p-10:15p	Tu Th	Jin J	SAC N-117	06/14-07/21
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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.

22237	9:00a-12:20p	M Tu W Th	Kehlenbach E	SAC N-114	06/13-07/07
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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.

22300	9:00a-12:10p	M Tu W Th	Marr J	SAC N-114	07/11-08/04
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MUSIC 161, CLASS PIANO I 1.0 UNIT

Group instruction for beginners emphasizing note reading, basic keyboard skills, chord patterns and sight reading. Practice outside of class required. Practice pianos available on campus. Required for music majors whose principal instrument is not piano.

22301	10:00a-11:05a	M W	Lee S	SAC N-106	06/13-08/03
	11:15a-12:20p	M W	Lee S	SAC N-106	

MUSIC 169, HARMONIZATION AT THE KEYBOARD 1.0 UNIT

Beginning keyboard harmonization skills. Includes playing by ear and learning accompaniment patterns in several styles from simple chord progressions. Music 161 or elementary piano ability recommended.

22302	6:00p-7:15p	Tu Th	Kehlenbach E	SAC N-106	06/14-07/21
	7:25p-8:40p	Tu Th	Kehlenbach E	SAC N-106	

NURSING-REGISTERED

NURSING-REGISTERED 103, PHARMACOLOGICAL CONCEPTS OF NURSING **3.0 UNITS**
Introduction to pharmacology, dosage calculations, drug classifications, and application of nursing process to drug administration. Completion required prior to entry into Nursing-Registered 102/102L.
 Prerequisite: English 101 or English 101H, Biology 239, Biology 249, Biology 139 or 229 with a minimum grade of C.
 23033 12:00p-3:20p Tu W Th Paunovic M SAC R-128 06/14-07/14

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.
 23229 Mathot S SAC WEB 06/13-08/04
 Section 23229 is online instruction with no on-campus meetings. Students are required to logon to Blackboard on the first day of classes: <http://rsccd.blackboard.com>
 Email instructor first week of class (mathot_sarah@sac.edu)
 23231 9:30a-12:20p Tu W Th Mathot S SAC T-210 06/14-07/21

PARALEGAL

PARALEGAL 101, LAW OFFICE MANAGEMENT **2.0 UNITS**
Structure and procedures of the law office. Emphasis on organization of filing systems; litigation management; calendaring; tickler systems; indexing and summarizing documents; timekeeping; fees and billing; job search; and law office layout.
 22067 Manzano F SAC WEB 06/13-08/04
 Section 22067 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <http://rsccd.Blackboard.com>.

PARALEGAL 121, ETHICS AND PROFESSIONAL RESPONSIBILITY **2.0 UNITS**
Ethics and professional responsibility for paralegals: fees, client funds, billing, advertising, solicitation, unauthorized practice, deceit, and confidentiality; conflict of interest, suppressing evidence, reporting misconduct and professional practice obligations.
 22068 Manzano F SAC WEB 06/13-08/04
 Section 22068 online instruction. No on-campus meeting times. Students are required to logon to Blackboard on the first day of class: <http://rsccd.Blackboard.com>.

PARALEGAL 136, REAL PROPERTY LAW AND PROCEDURE **2.0 UNITS**
Purchase sales agreements, mortgages, leases, easements, deeds, closing and recording of documents, public domain, condemnation, title searches, foreclosure process, eviction process(unlawful detainer), and landlord-tenant law.
 22069 6:00p-10:15p Tu Tanner W SAC A-226 06/14-08/02

PARALEGAL 137, TORT AND INSURANCE LAW **2.0 UNITS**
Intentional torts, negligence, strict liability, product liability, damages, immunity, and defenses to torts. Principles of insurance law, and procedures for the investigation of personal injury cases.
 22604 6:00p-10:15p Th Staff SAC A-205 06/16-08/04

PHARMACY TECHNOLOGY

PHARMACY TECHNOLOGY 048, INTRODUCTION TO PHARMACY TECHNOLOGY **2.0 UNITS**
Overview of the SAC Pharmacy Technician training program. Definition of the roles and preview of the opportunities open to pharmacy technicians in various practice settings. Presentation of pharmaceutical dosage forms, the drug development process, and drug classification systems. Introduction to prescription labeling and to the law and ethics of pharmacy practice.
 23218 7:30p-9:40p M W Ross Jr J SAC H-210 06/13-08/03

PHARMACY TECHNOLOGY 051, BODY SYSTEMS I **3.5 UNITS**
Anatomy, physiology, pathology, and pharmacology of the musculoskeletal, respiratory, renal, and cardiovascular systems. Basic terminology, with emphasis on word analysis and construction, medical abbreviations, and lay terms. Trade/generic names and indications for each body system.
 23226 6:00p-9:35p Tu Th Nguyen H SAC H-210 06/14-08/04

PHARMACY TECHNOLOGY 054, PHARMACY CALCULATIONS **2.0 UNITS**
Calculations related to drug dosage, measurements of strength, and preparation of medications. Includes interconversion of units in the metric and common systems of measurement. Emphasis on unit-cancellation for solving pharmacy situation problems. Strong verbal component.
 23227 5:00p-7:10p M W Ross Jr J SAC H-210 06/13-08/03

PHARMACY TECHNOLOGY 072, PHARMACY TECHNOLOGY EXTERNSHIP **0.5 - 6.5 UNITS**
On-site training in three pharmacy practice settings. Students must complete the related lab course prior to placement in a specific rotation: PHAR 056 for outpatient, PHAR 057 and PHAR 056 for inpatient, PHAR 060 for sterile products. Students must pass the trade-generic test prior to placement. Some sites require additional background, health screenings, and drugs tests. Completion of all three rotations (320 hours) is required for the advanced certificate. At the end of the rotation, the instructor will use the attendance records and competency forms as input from preceptors to assess the student learning outcomes and to help determine final grades. Students can refer to the course overview to understand the details of final grade assignments.
 Prerequisite: Pharmacy Technology 056, or Pharmacy Technology 056 and Pharmacy Technology 057, or Pharmacy Technology 060 with a minimum grade of C. Communication Studies 097 or 101 or 101H or 102 with a minimum grade of C. Background checks, health screenings, current TB clearance and drugs test clearance.
 Open Entry / Open Exit
 23228 TBA Huynh-Dang K SAC H-210 06/13-08/14

PHILOSOPHY

PHILOSOPHY 106, INTRODUCTION TO PHILOSOPHY **3.0 UNITS**
A survey of historical and contemporary ideas on how to live the good life.
 20300 8:00a-12:35p M W Shigematsu T SAC I-109 06/13-07/20
 20301 6:00p-10:15p Tu Th Blake H SAC I-208 06/14-07/21

PHILOSOPHY 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.

20303 Fish Z SAC WEB 07/11-08/04
 Section 20303 Available for Online Degree Pathway students. Students are required to logon to Blackboard on the first day of class: <http://rsccd.blackboard.com>.
 20302 6:00p-10:35p M W Rodriguez A SAC I-207 06/13-07/20

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.
 20305 8:00a-12:30p M Tu W Th Fish Z SAC D-302 06/13-07/07
 20304 6:00p-10:15p Tu Th Redoutey M SAC I-207 06/14-08/04

PHILOSOPHY 111, INTRODUCTORY LOGIC **4.0 UNITS**
Beginning course in formal and applied logic. Covers cognitive language, formal argument, proof, basic propositional and predicate logic, and philosophy of logic. Emphasizes active student involvement and practical application to college life.
 20310 8:00a-12:15p M Tu W Th Fish Z SAC D-302 07/11-08/04

PHILOSOPHY 112, WORLD RELIGIONS **3.0 UNITS**
A philosophical overview of the world's great religions. Includes historical origin and growth of each religion, major doctrines, and influence. Religions dealt with include Primitive, Hinduism, Jainism, Buddhism, Taoism, Confucianism, Judaism, Christianity and Islam.
 20311 6:00p-10:35p M W Shigematsu T SAC I-109 06/13-07/20

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.
 22251 10:30a-2:45p M Tu W Marquez P SAC C-104 07/11-08/03

PHOTOGRAPHY 180, BEGINNING PHOTOGRAPHY **3.0 UNITS**
This course provides students with an introduction to visual concepts, basic image capture, and camera functions with digital cameras. Software basics for photographic imaging and digital printing along with digital printing will be taught.

Material Fee(s): \$15.00

22252 10:00a-12:05p M Tu W Th Vasquez A SAC A-219 07/11-08/04
 12:15p-3:25p M Tu W Th Vasquez A SAC A-219

PHYSICS

PHYSICS 227, ENGINEERING PHYSICS II **4.0 UNITS**
Introduces the basic principles of electricity and magnetism. The main topics are electrostatics, circuits, magnetism, electro-magnetic induction, and Maxwell's equations. This course is designed for students majoring in physical sciences and engineering.

Prerequisite: Physics 217 and Mathematics 185 with a minimum grade of C.
 22297 9:15a-11:20a M Tu W Th Staff SAC R-328 06/13-07/21
 11:30a-1:35p M Tu W Th Staff SAC R-328

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.

20337 7:30a-10:40a M Tu W Th Chairprasert K SAC I-208 07/11-08/04
 20333 8:00a-12:15p Tu Th Valenzuela E SAC D-105 06/27-08/04
 20315 8:00a-12:25p M W Andrade P SAC D-101 06/13-07/20
 20317 9:15a-11:20a M Tu W Th Murphy T SAC D-106 06/27-08/04
 20314 11:30a-1:35p M Tu W Th Murphy T SAC D-106 06/27-08/04
 20318 12:30p-5:05p M W Andrade P SAC D-101 06/13-07/20
 20336 12:30p-4:45p Tu Th Petri M SAC D-101 06/14-07/21
 20316 6:00p-10:15p Tu Th Becker C SAC D-101 06/28-08/04
 20312 6:00p-10:35p M W Becker C SAC D-106 06/27-08/03

Academic Planning Questions?
www.sac.edu/online_counseling

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.

20344	8:00a-10:05a	M Tu W Th	Pedroza J	SAC D-434	06/13-07/21
20346	9:00a-12:10p	Tu Th	Arrieta Cortes B	SAC D-208	06/14-08/04
20348	9:00a-12:20p	M W	Castillo R	SAC D-208	06/13-08/03
20349	11:00a-2:20p	M W	Alcala M	SAC D-102	06/13-08/03
20342	1:00p-4:20p	M W	Castillo R	SAC I-207	06/13-08/03
20338	6:30p-9:50p	M Tu W Th	Castillo R	SAC I-104	06/13-07/07

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.

20350	7:30a-10:40a	M Tu W Th	Ortiz F	SAC I-207	07/11-08/04
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PSYCHOLOGY 210, STATISTICS FOR THE BEHAVIORAL SCIENCES

4.0 UNITS

Introduces psychology and behavioral science majors to descriptive and inferential statistical methods. Knowledge of these methods is essential to the understanding, interpretation, and performance of scientific research. Topics covered include probability theory, hypothesis testing, correlation, analysis of variance, the graphical representation of data, basic research design, and the use of computer software to perform statistical analyses.

Prerequisite: Mathematics 080 or Mathematics 081 with a minimum grade of C; OR placement into Psychology 210 on the Mathematics Level 3 placement Exam and a course equivalent to Mathematics 080 or 081.

20351	11:00a-3:15p	Tu Th	Ortiz F	SAC D-434	06/14-08/04
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PSYCHOLOGY 219, INTRODUCTION TO RESEARCH METHODS IN PSYCHOLOGY

3.0 UNITS

Emphasizes methods of study in psychology, experimental design, analysis of variables contributing to experimental results, and data treatment.

Prerequisite: Social Science 219 or Mathematics 219 or Psychology 210 (may be taken concurrently) and Psychology 100 with a minimum grade of C.

20353	11:00a-1:10p	M W	Ortiz F	SAC D-434	06/13-08/03
	1:20p-4:40p	M W	Ortiz F	SAC D-434	

PSYCHOLOGY 250, INTRODUCTION TO ABNORMAL PSYCHOLOGY

3.0 UNITS

Introduction to the commonly diagnosed psychological disorders. Includes psychophysiological disorders, anxiety, depression, substance abuse, sexual dysfunctions, schizophrenia, developmental, cognitive, and personality disorders. Emphasis is on identification, symptomatology, etiology, and methods of therapeutic intervention.

Prerequisite: Psychology 100/100H with a minimum grade of C.

20355	10:15p-12:20p	M Tu W Th	Pedroza J	SAC I-202	06/13-07/21
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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.

20356			Gilreath G	SAC WEB	06/13-07/21
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Section 20356 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. (gilreath_genice@rac.edu).

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.

20369	7:30a-10:20a	Tu W Th	Yingst S	SAC I-206	06/14-07/21
20371	10:30a-1:20p	Tu W Th	Collins M	SAC I-206	06/14-07/21
20373	1:30p-4:20p	Tu W Th	Collins M	SAC I-206	06/14-07/21

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).

22402	8:00a-11:35a	M Tu W Th	Lui R	SAC H-108	06/13-07/21
22406	11:00a-2:35p	M Tu W Th	Leeds K	SAC L-207	06/13-07/21
22404	12:00p-3:35p	M Tu W Th	Lui R	SAC H-108	06/13-07/21
22405	6:00p-9:35p	M Tu W Th	Tran L	SAC H-108	06/13-07/21

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.

20397	5:30p-6:50p	Th	Staff	SAC HYBRID	06/13-07/21
			Staff	SAC D-213	

Section 20397 online instruction plus mandatory on-campus meetings: Thursday 6/16, 6/30, 7/14, 7/21 from 5:30-6:50 in SAC D-213. Students are required to log on to Blackboard: <http://rscdd.blackboard.com>. Email instructor first week of class.

OER 20374	8:00a-12:15p	M W	Campbell A	SAC D-212	06/13-07/20
20376	8:00a-12:15p	Tu Th	Wood S	SAC D-212	06/14-07/21
OER 20383	11:00a-2:10p	Tu Th	Jimenez I	SAC I-207	06/14-08/04
20377	6:00p-9:10p	M W	King Y	SAC D-214	06/13-08/03

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.

20400	8:00a-12:15p	Tu Th	Staff	SAC D-213	06/14-07/21
20402	6:30p-9:40p	Tu Th	Staff	SAC D-214	06/14-08/04

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.

20403	11:00a-1:20p	W	Galvan J	SAC HYBRID	06/15-07/20
			Galvan J	SAC D-303	

Section 20403 combines online instruction with 5 mandatory on-campus meetings on Wednesdays 6/15, 6/22, 6/29, 7/13 and 7/20 from 11:00a-1:20p in SAC D-303. This class requires the book "Puntos de partida" with the electronic code for online lab materials. Students are required to use Blackboard <http://rscdd.blackboard.com> and to email the instructor (galvan_javier@rac.edu)

20405	12:00p-2:30p	Tu	Guerrero-Phlaum M	SAC HYBRID	06/14-07/19
			Guerrero-Phlaum M	SAC D-303	

Section 20404 combines online instruction with 5 mandatory on-campus meetings on Tuesdays 6/14, 6/21, 6/28, 7/12, and 7/19 from 12:00p-2:30p in SAC D-303. This class requires the book "Puntos de partida" with the electronic code for online lab materials. Students are required to use Blackboard <http://rscdd.blackboard.com> and to email the instructor (guerrero_martha@rac.edu)

20435	2:00p-4:30p	Th	Lopez-Jaurequi L	SAC HYBRID	06/16-07/21
			Lopez-Jaurequi L	SAC D-305	

Section 20435 is designed for Spanish speakers. It combines online instruction with 5 mandatory on-campus meetings on Thursdays 6/16, 6/23, 6/30, 7/14, and 7/21 from 2:00p-4:30p in SAC D-305. This class requires the book "Mundo 21" with the electronic code for online lab materials. Students are required to use Blackboard <http://rscdd.blackboard.com> and to email the instructor (lopez_leticia@rac.edu)

20404	2:00p-4:30p	W	Galvan J	SAC HYBRID	06/15-07/20
			Galvan J	SAC D-303	

Section 20404 combines online instruction with 5 mandatory on-campus meetings on Wednesdays 6/15, 6/22, 6/29, 7/13, and 7/20 from 2:00p-4:30p in SAC D-303. This class requires the book "Puntos de partida" with the electronic code for online lab materials. Students are required to use Blackboard <http://rscdd.blackboard.com> and to email the instructor (galvan_javier@rac.edu)

20436	8:00a-10:35a	M Tu W Th	Fuentes Sanchez A	SAC D-210	06/13-08/04
21527	6:00p-8:35p	M Tu W Th	Calderon A	SAC D-302	06/13-08/04

Section 21527 is designed for Spanish speakers.

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.

20442	9:00a-11:20a	Tu	Guerrero-Phlaum M	SAC HYBRID	06/14-07/19
			Guerrero-Phlaum M	SAC D-305	

Section 20442 combines online instruction with 5 mandatory on-campus meetings on Tuesdays 6/14, 6/21, 6/28, 7/12, and 7/19 from 9-11:20am in SAC D-305. This class requires the book "Puntos de partida" with the electronic code for online lab materials. Students are required to use Blackboard <http://rscdd.blackboard.com> and to email the instructor (guerrero_martha@rac.edu)

20443	6:00p-8:30p	Th	Lopez-Jaurequi L	SAC HYBRID	06/16-07/21
			Lopez-Jaurequi L	SAC D-305	

Section 20443 is designed for Spanish speakers. It combines online instruction with 5 mandatory on-campus meetings on Thursdays 6/16, 6/23, 6/30, 7/14, and 7/21 from 6:00p-8:30p in SAC D-305. This class requires the book "Mundo 21" with the electronic code for online lab materials. Students are required to use Blackboard <http://rscdd.blackboard.com> and to email the instructor (lopez_leticia@rac.edu)

STUDY SKILLS

STUDY SKILLS 109, COLLEGE LEARNING SKILLS

3.0 UNITS

This course provides effective success strategies to enhance student self-development, academic, and lifelong learning skills for the college student. The techniques include values, goal-setting, dealing with money, stress management, diversity, motivation, health, and time-management. Students learn personal growth methods and develop strategies to effectively deal with issues to ensure personal, educational, and career success.

21908			Robledo J	SAC WEB	06/13-07/21
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Section 21908, Students are required to logon to Blackboard on the first day of classes, Mon. 6/13: <http://rscdd.blackboard.com>

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.

22230	2:30p-5:40p	M W	Taylor M	SAC A-210	06/13-08/03
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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.

22231	6:30p-9:40p	M W	Taylor M	SAC A-210	06/13-08/03
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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, playwrighting, directing, design, and acting. Attendance at live theatre required.

22162	8:00a-12:15p	Tu Th	Cannon C	SAC P-100	06/14-07/21
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THEATRE ARTS 154, PERFORMANCE ENSEMBLE

2.0 UNITS

A study of the standards and expectations for an actor in auditions, casting, rehearsal and performance in a departmental production. All students will be cast in one-act plays for public presentation.

Prerequisite: Theatre Arts 110 with a minimum grade of C or audition.

22180	1:30p-3:20p	Tu W Th	Cannon C	SAC P-105	06/14-07/21
	3:30p-5:20p	Tu W Th	Cannon C	SAC P-105	

VIETNAMESE

VIETNAMESE 101, ELEMENTARY VIETNAMESE I

5.0 UNITS

A college level Vietnamese class focusing on pronunciation and grammar, basic vocabulary, common idioms, listening, speaking, reading, and writing techniques to provide avenues for the expression of ideas orally and in writing. Introduction to Vietnamese culture. Some sections designated for native Vietnamese speakers. Vietnamese 101 is equivalent to two years of high school Vietnamese.

20445	6:30p-9:05p	M Tu W Th	Tran D	SAC D-306	06/13-08/04
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WELDING

WELDING 025A, INTERMEDIATE ARC WELDING LEVEL I

3.0 UNITS

This is a course designed to improve 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 E-7018 (SMAW).

Prerequisite: Welding 008 with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills.

23235	8:00a-11:55a	M Tu W Th	Moore G	SAC K-101	06/13-08/04
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WELDING 025B, INTERMEDIATE ARC WELDING LEVEL II

3.0 UNITS

This is a course designed to improve the student's previously acquired arc welding skills and prepare the student to pass the welding certification test. Student is introduced to the preparation of the 1" plate. This course will introduce the students to the Licensing Class D1.1. rules and regulations from the Department of Building and Safety with the city of Los Angeles. 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 (SMAW).

Prerequisite: Welding 008 and Welding 025A with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

23236	8:00a-11:55a	M Tu W Th	Moore G	SAC K-101	06/13-08/04
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WELDING 029A, ADVANCED ARC WELDING LEVEL I

3.0 UNITS

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

Prerequisite: Welding 008 with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills.

23237	5:00p-8:55p	M Tu W Th	Moreno G	SAC K-101	06/13-08/04
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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.

23238	5:00p-8:55p	M Tu W Th	Moreno G	SAC K-101	06/13-08/04
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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.

23242	5:00p-8:55p	M Tu W Th	Moreno G	SAC K-101	06/13-08/04
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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.

23248	5:00p-8:55p	M Tu W Th	Moreno G	SAC K-101	06/13-08/04
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WELDING 040A, WELDING CERTIFICATION TRAINING LEVEL I

3.0 UNITS

This is an advanced course that will provide lecture and hands-on practice in welding in multiple areas of certification using SMAW (shielded metal arc welding) as well as in FCAW (flux cored arc welding). The student will focus on welding in the vertical and overhead position and the preparation of test plates.

Prerequisite: Welding 008 with a minimum grade of C or satisfactory completion of proficiency exam in arc welding skills.

23249	5:00p-8:55p	M Tu W Th	Moreno G	SAC K-101	06/13-08/04
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WELDING 040B, WELDING CERTIFICATION TRAINING LEVEL II

3.0 UNITS

This is an advanced course that will provide lecture and hands-on practice in welding in multiple areas of certification using SMAW (shielded metal arc welding) as well as in FCAW (flux cored arc welding) in the vertical and overhead positions. The student will focus on welding with the SMAW, FCAW and pipe in the 1G and 2G positions using E6010 electrode.

Prerequisite: Welding 040A with a minimum grade of C or reasonable completion of proficiency exam in arc welding skills administered by SAC Welding Instructor.

23257	5:00p-8:55p	M Tu W Th	Moreno G	SAC K-101	06/13-08/04
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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.



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ENROLL TODAY!



Top Reasons to Take Classes at Santa Ana College

- **SAC WILL TRANSFORM YOUR LIFE.** SAC associate degrees for transfer guarantee your admission to the Cal State University.
- **FAST TRACK TO HIGH-DEMAND, WELL-PAYING PROFESSIONS** with SAC certificate programs in accounting, auto tech, biotech, business, fashion design, welding, and more.
- **TAKE YOUR FIRST STEP TOWARD LAW SCHOOL AT SAC.** SAC is the only community college in Orange County selected for the Community Colleges Pathway to Law School initiative paving the way to six of California's top law schools.
- **LEARN FROM THE BEST.** SAC classes are taught by professors who are globally recognized in their fields.
- **STUDENT SUPPORT SERVICES ARE A PRIORITY AT SAC.** The Veteran Resource Center, financial aid, counseling, tutoring, and on-campus child care are here for you.
- **SAC OFFERS FLEXIBLE CLASS SCHEDULES** – day, evening, weekend, online, 8-week, and accelerated classes. SAC launches a year-long class schedule this fall!

Stay Connected!

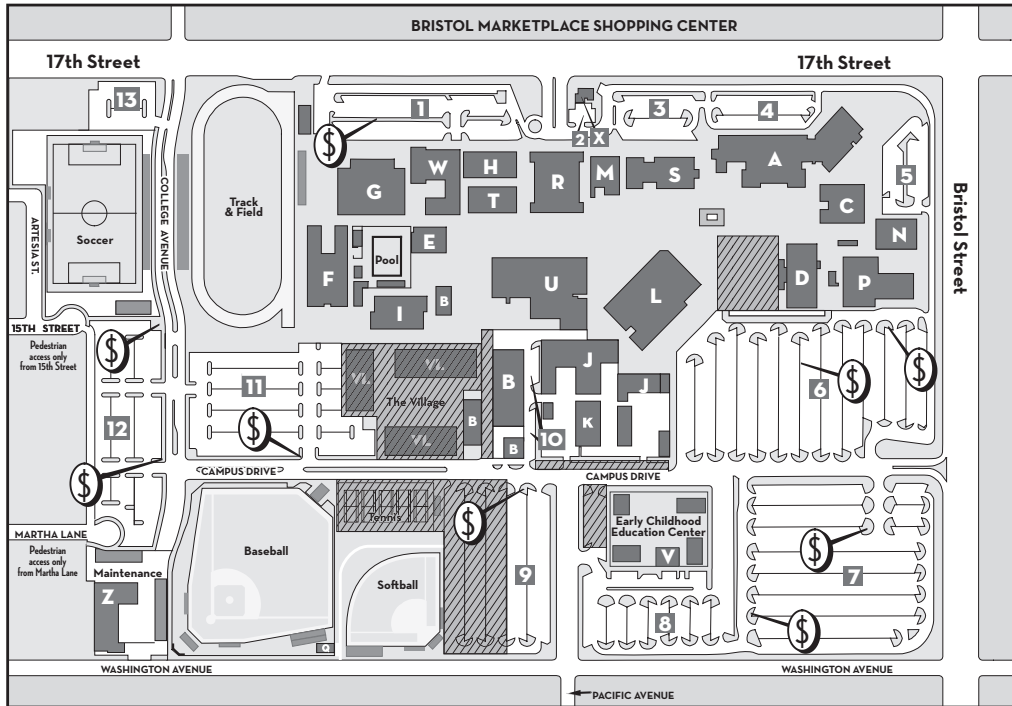


2016 summer schedule of classes

100
1915-2015
SANTA ANA COLLEGE

CELEBRATED PAST. BOUNDLESS FUTURE.

June 13, 2016 – August 7, 2016 A complete list of classes available online: sac.edu



Denotes "Closed for Construction"

SAC Facilities & Locations

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

SAC Parking

- 1** Staff Parking
- 2-3** Visitor Parking
- 4-5** Staff Parking
- 6-12** Student Parking (except as posted)
- Permit Dispenser (\$2.00 for 8 hours)



SAC IS TOBACCO-FREE

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



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.