

2018 - 2019
ADDENDUM



CATALOG



SANTA ANA COLLEGE

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SANTA ANA COLLEGE

2018 • 2019

CATALOG

AND ANNOUNCEMENT OF COURSES

ADDENDUM

SANTA ANA COLLEGE

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RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

2323 North Broadway • Santa Ana, CA 92706-1640 • 714-480-7300 • rsccd.edu

SANTA ANA COLLEGE • SANTIAGO CANYON COLLEGE

Rancho Santiago Community College District serves residents of Anaheim Hills, Orange, Santa Ana, Villa Park, and a portion of Garden Grove.

ACCREDITED BY THE WESTERN ASSOCIATION OF SCHOOLS AND COLLEGES

Santa Ana College and Santiago Canyon College are accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, (10 Commercial Blvd., Suite 204, Novato, CA 94949, 415-506-0234), an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.

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COLLEGE CREDIT INSTRUCTIONAL CALENDAR 2018 – 2019

FALL SEMESTER 2018

August 20–22	Faculty Projects
August 23–24	Common College Flex Days
August 27	INSTRUCTION BEGINS
September 3	Labor Day – holiday
September 9	Last day to add and to drop full-term classes without “W” grade with enrollment fee refund
September 14	Deadline for Graduation Petition for Associate Degrees for Transfer (ADT) - only for eVerify
September 28	Last date to file Pass/No Pass (semester-length courses)
October 12	Deadline for Degree/Certificate/Certification Petitions
November 12	Veterans Day – holiday
November 18	Last day to drop semester-length classes with a “W” grade
November 22–24	Thanksgiving – holiday
December 16	INSTRUCTION ENDS
December 17–January 1, 2019	Holiday break

INTERSESSION 2019

January 7	INSTRUCTION BEGINS
January 14	Last day to file Pass/No Pass
January 21	Martin Luther King’s Birthday – holiday
February 3	INSTRUCTION ENDS

SPRING SEMESTER 2019

February 4–6	Faculty Projects
February 7–8	Common College Flex Days
February 11	INSTRUCTION BEGINS
February 14	Deadline for Graduation Petition for Associate Degrees for Transfer (ADT) - only for eVerify
February 15	Lincoln’s Birthday – holiday
February 18	President’s Day – holiday
February 24	Last day to add and to drop full-term classes without “W” grade with enrollment fee refund
March 15	Last date to file Pass/No Pass (semester-length courses)
March 15	Deadline for Degree/Certificate/Certification Petitions
March 29	Cesar Chavez Day (observed)
April 8–13	Spring recess
May 12	Last day to drop semester-length classes with “W” grade
May 27	Memorial Day – holiday
June 6	Commencement – Santiago Canyon College
June 7	Commencement – Santa Ana College
June 9	INSTRUCTION ENDS

SUMMER SESSION 2019

June 17	INSTRUCTION BEGINS
June 28	Deadline for Graduation Petition
July 4	Independence Day – holiday
August 9	INSTRUCTION ENDS

JUNE • 2018

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JULY • 2018

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AUGUST • 2018

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OCTOBER • 2018

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NOVEMBER • 2018

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DECEMBER • 2018

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JANUARY • 2019

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FEBRUARY • 2019

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MARCH • 2019

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APRIL • 2019

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MAY • 2019

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JUNE • 2019

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JULY • 2019

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CATALOG UPDATE

This catalog supplement should be used by students and staff along with the existing 2018-2019 printed and online catalog. Students are strongly encouraged to seek advice from the Counseling Department. Additional information and publications will be made available to students throughout the year via the catalog website.

CREDITS

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SANTA ANA COLLEGE PHILOSOPHY AND MISSION RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

SANTA ANA COLLEGE MISSION STATEMENT

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

CATALOG CONTENT

The Rancho Santiago Community College District and Santa Ana College have made every reasonable effort to determine that everything stated in this catalog is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the administration of the district for reasons related to student enrollment, level of financial support, or for any other reason, at the discretion of the district and the colleges. The district and the college further reserve the right to add, amend, or repeal any of their rules, regulations, policies, and procedures.

INSTITUTIONAL LEARNING OUTCOMES (CORE COMPETENCIES)

1. Communication Skills

a. Listening and Speaking

Students will listen actively and respectfully to analyze the substance of others' comments. Students will speak in an understandable and organized fashion to explain their ideas, express their feelings, or support a conclusion.

b. Reading and Writing

Students will read effectively and analytically and will comprehend at a college level. Students will write in an organized and grammatically correct fashion to explain their feelings and support a conclusion.

2. Thinking and Reasoning

Students will identify and analyze real or potential "problems" and develop, evaluate, and test possible solutions using creative thinking, analysis and synthesis, quantitative reasoning, and/or transfer of knowledge and skills to a new context as appropriate.

a. Creative Thinking

Students will develop the skills to formulate original ideas and concepts in addition to integrating those of others in the creative process.

b. Critical Thinking

Students will think logically in solving problems; explaining their conclusions; and evaluating, supporting, or critiquing the thinking of others.

c. Ethical Reasoning

Students will demonstrate an understanding of ethical issues that will enhance their capacity for making sound judgments and decisions.

d. Quantitative Reasoning

Students will use college-level mathematical concepts and methods to understand, analyze and explain issues in quantitative terms.

3. Information Management

a. Information Competency

Students will do research at a level that is necessary to achieve personal, professional and educational success. They will use print material and technology to identify research needs, seek, access, evaluate and apply information effectively and responsibly.

b. Technology Competency

Students will use technology learning tools and technology applications at a level appropriate to achieve discipline-specific course requirements and standards. Demonstrated skills might include, but are not limited to: word processing and file management; use or development of simulations, web pages, databases; graphing calculators; etc.

4. Diversity

Students will develop individual responsibility, personal integrity, and respect for diverse peoples and cultures of the world.

a. Cultural

Students will respect and work with diverse people including those with different cultural and linguistic backgrounds and different abilities.

b. Social

Students will interact with individuals and within groups with integrity and awareness of others' opinions, feelings and values.

c. Environmental

Students will demonstrate an understanding of ethical issues that will enhance their capacity for making decisions and sound judgments about the environment.

5. Civic Responsibility

Students will take personal responsibility for becoming informed, ethical and active citizens of their community, their nation and their world.

6. Life Skills

a. Creative Expression

Students will produce artistic and creative expression.

b. Aesthetic Appreciation

Students will respond to artistic and creative expressions.

c. Personal Growth

Students will demonstrate habits of intellectual exploration, personal responsibility, and practical and physical well-being.

d. Interpersonal Skills

Students will participate effectively in teams, committees, task forces, and in other group efforts to make decisions and seek consensus.

7. Careers

Students will develop the knowledge and skills necessary to select and develop careers.

ACCREDITATION

Santa Ana College is accredited by the Accrediting Commission for Community and Junior Colleges (ACCJC) of the Western Association of Schools and Colleges (WASC), an institutional accrediting body recognized by the Council for Higher Education Accreditation, the U.S. Department of Education, and the Veterans Administration. The college holds membership in the Community College League of California and the American Association of Community and Junior Colleges.

In addition to the current ACCJC college-wide accreditation, specified programs at Santa Ana College are also accredited by external accrediting bodies:

1. American Psychological Association (APA): for Doctoral Internship Program
2. Automotive Technology: National Automotive Technicians Education Foundation (NATEF)
3. Basic Fire Academy - Accredited CA Firefighter I (FFI) Training Academy (OSFM). Graduates earn CA FFI Certificate of Training with IFSAC and Pro Board seals.
4. Emergency Medical Technician: Orange County Emergency Medical Services (OCEMS)
5. Fire Technology Program - Accredited as a regional Training Program (ARTP) by the CA Office of the State Fire Marshal (OSFM)
6. International Business: National Association of Small Business International Trade Educators (NASBITE)



KEY TO LOCATIONS

1. RSCCD District Office
2323 N. Broadway, Santa Ana
2. Santa Ana College
1530 W. 17th St., Santa Ana
3. Santiago Canyon College
8045 E. Chapman Ave., Orange
4. Orange Education Center
1465 N. Batavia St., Orange
5. OEC Provisional Education Facility
1937 W. Chapman Ave., 2nd Floor, Orange
6. Centennial Education Center
2900 W. Edinger Ave., Santa Ana
7. Santa Ana College –
Orange County Sheriff's
Regional Training Academy
15991 Armstrong Blvd., Tustin
8. Digital Media Center
1300 S. Bristol St., Santa Ana
9. Joint Powers Fire Training Center
18301 Gothard St., Huntington Beach
10. College and Workforce Preparation Center
1572 N. Main St., Orange

7. Occupational Therapy Assistant: Accreditation Council for Occupational Therapy Education (ACOTE)
8. Paralegal Studies: American Bar Association (ABA)
9. Pharmacy Technology: American Society of Health-System Pharmacists (ASHP)
10. Registered Nursing: Approved by the Board of Registered Nursing (BRN) and accredited by the Accreditation Commission for Education in Nursing (ACEN)

Documents concerning the college's accreditation, licenses, and approvals are maintained in the Office of The President of Santa Ana College. Students wishing to examine these documents may do so by contacting the Office of the President. Additional information about accreditation, including filing complaints against member institutions, can be found at: www.accjc.org.

RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

Governed locally by a seven-member Board of Trustees elected by the citizens of the district, Rancho Santiago Community College District (RSCCD) is a part of the California community college system, one of the three segments of the public post-secondary educational systems in the state.

RSCCD, located in central Orange County, encompasses 193 square miles with a population of approximately 770,000. The district's boundaries include all of the K–12 schools within the Orange and Santa Ana Unified School Districts, as well as a portion of the Garden Grove Unified School District. RSCCD's boundaries extend from the eastern portion of the city of Garden Grove, around the perimeters of Santa Ana, Orange, Villa Park, and Anaheim Hills, and east to the Riverside County line.

Enrollment in district programs for fall 2017 totaled 53,688 with 39,269 enrolled in college credit courses and 14,419 enrolled in Continuing Education. The Community Services Program serves 2,312 residents districtwide in not for credit, fee-supported classes.

SANTA ANA COLLEGE AND SANTIAGO CANYON COLLEGE

Santa Ana College opened in 1915 as an upward extension of Santa Ana High School, and is the fourth oldest community college in California. Initially located on the campus of Santa Ana High School, it moved to downtown Santa Ana in 1933, and then to its current location in 1947. Santa Ana College serves the city of Santa Ana and portions of the cities of Tustin, Irvine, and Garden Grove.

Santiago Canyon College is among the newest community colleges in

California and began offering classes in 1985 as the Orange Campus within the Rancho Santiago Canyon Community College District. Santiago Canyon College earned its independent accreditation in January 2000, and serves the communities of Orange, Villa Park, and Anaheim Hills.

Enrollment in Santa Ana College programs during the Fall of 2017 totaled 36,543 with 27,270 students in college credit courses and 9,273 in classes for Continuing Education students. The Community Services Program serves another 1,393 residents in fee-based not for credit classes.

Santa Ana College offers 275 degrees and certificates in credit programs that prepare students for transfer to 4-year universities or careers. In addition, over 1000 classes are offered to students in a variety of noncredit programs including 36 certificates and an Adult High School Diploma program in Continuing Education programs.

DISTRICT FACILITIES

Santa Ana College is located on approximately 65 acres at 1530 W. 17th Street in Santa Ana. The college was first opened in 1915 as an upward extension of Santa Ana High School. It is the fourth oldest community college in California. Located first on the high school campus, the college was moved to downtown Santa Ana and then to the present site in 1947. Present day market value of Santa Ana College is estimated at more than \$125 million dollars.

Santiago Canyon College is situated on 82 acres at 8045 E. Chapman Avenue in Orange. It opened its first phase of classrooms in fall 1985 under the name of the Orange Campus of Rancho Santiago College. The Child Development Center opened in fall 1991 to provide childcare services.

Centennial Education Center in Santa Ana and the Santiago Canyon College Orange Education Center house the college's extensive Continuing Education programs, which provide high school diplomas, English as a Second Language and older adults courses.

OPPORTUNITY

The Rancho Santiago Community College District provides opportunities for the pursuit of excellence through educational programs and services for local residents. The purpose of these programs and services is to enhance the quality of human life by providing public access to college education. A significant number of classes are scheduled off-campus each semester in order to enhance accessibility to students. The map indicates the locations of the major instructional sites within the district.

CERTIFICATE AND ASSOCIATE DEGREE PROGRAMS AT SANTA ANA COLLEGE

For each of the Programs of Study identified below, Santa Ana College currently offers the number of degrees and certificates as noted. For further information regarding the specific type of degree or certificate, please refer to the "Instructional Programs" section of this catalog.

BS = Bachelor in Science Degree

AA = Associate in Arts Degree

AA-T = Associate in Arts for Transfer

AS = Associate in Science Degree

AS-T = Associate in Science for Transfer

CA = Certificate of Achievement

CP = Certificate of Proficiency

Accounting			1	6	5
American Sign Language				1	
Anthropology	1	1			
Art	3	2		5	1
Automotive Technology			1	6	5
Biology			1	1	
Biotechnology			1	3	1
Black Studies	1				
Business			1	1	
Business Applications	3		1	2	6
Chemistry			1	1	
Chicano Studies	1				
Child Development	3		1	4	2
Communication Studies	1	1			
Communication & Media Studies	2	1		1	
Community Social Services	1				
Computer Information Systems			1	1	6
Computer Science			1	1	1
Criminal Justice			1	1	1
Dance	1			1	
Diesel Technology			2	2	6
Earth Science	1				
Economics	1	1			
Education	1	1			2
Engineering			8	6	8
English	1	1			
Entrepreneurship	1			1	1
Ethnic Studies	1				
Fashion Design Merchandising	3			4	6
Fire Technology			4	4	1
Geography	1	1			
Geology			1	1	
History	1	1			
International Business	1			1	7
Kinesiology	1	1		1	1

PROGRAM OF STUDY	BS	AA	AA-T	AS	AS-T	CA	CP
Law						3	
Liberal Arts		6					
Library Technology		1				1	
Management		2				2	3
Manufacturing Technology				5		7	1
Marketing		1					1
Mathematics				1	1		
Medical Assistant				1		1	
Modern Languages		1	1				
Music		1	1			1	
Nursing				2			
Nutrition and Dietetics		1			1	2	
Occupational Studies	1						
Occupational Therapy Assistant				1			
Paralegal		1				1	
Pharmacy Technology				1		2	
Philosophy		1	1				
Photography		1				1	
Physics				1	1		
Political Science		1	1				
Psychology		1	1				
Science				1			
Social Science		1					
Sociology		1	1				
Speech-Language Pathology Assistant				1			
Television/Video Communications		1			1	3	1
Theatre Arts		2	1				5
Welding Technology				1		3	2
Women's Studies		1					

ASSOCIATE DEGREE REQUIREMENTS: 2018–2019

NOTE: See page 7 for requirements for Associate Degrees for Transfer (A.A.-T and A.S.-T).

I. Unit and Residency Requirements

60 UNITS, with at least a 2.0 grade point average. At least 12 of the units must be earned at the college. At least 6 of those units must be in courses required for the major unless students are earning an Associate Degree for Transfer.

II. General Education Requirements

24 semester units of general education which include one course or more as indicated in group requirements A, B, C, D, E, and F. See Plan A, page 9 for specific course requirements.

Non degree applicable courses may *not* be used for graduation requirements.

Courses from the major may be used to satisfy areas A-F.

Note: The requirements in parts II, IV, and V also may be met by CSU general education certification, IGETC certification, or by submitting a transcript showing completion of a bachelor's degree from a regionally accredited institution. The requirements in parts II, IV, and V may also be met by submitting a transcript showing completion of an Associate of Arts or Associate of Science degree from a regionally accredited California institution within a ten-year period of finishing major requirements (III) at the college.

III. Major Requirements

Each degree and certificate program specifies courses required for the major (a minimum of 18 units). Students must complete these courses with a grade of C or better. See Instructional Programs Section. Courses in the student's major may not be taken under the Pass/No Pass policy except for major courses for Associate Degrees for Transfer courses for which Pass/No Pass is the only grading option, and units earned through credit by examination or assessment.

IV. Required Proficiencies

Note: The proficiencies and requirements listed in IV. Required Proficiencies and V. Oral Communication Requirement may also be used to meet General Education Requirements in groups A through F where appropriate. **Courses taken to meet proficiencies must be completed with a grade of C or better.**

A. Reading

1. Satisfactory score on the SAC/SCC Reading Placement Test at the time of initial placement testing, OR
2. Satisfactory score on a Reading Department Test, OR
3. Successful completion of any Reading course at the 100 level or above, OR
4. A "C" grade, or better in English 102/102H, English 103/103H or Philosophy 110/110H.

B. Mathematics

1. Completion of Mathematics 083/084 or any other Mathematics course of 3 or more units, numbered above the level of 083/084, OR
2. Score on the SAC/SCC mathematics placement test indicating placement in a mathematics course numbered above the level of 083/084.

V. Oral Communication Requirement

Completion of 3 units with a grade of "C" or better from the following: Communication Studies 101 or 101H (Interpersonal Communication); Communication Studies 102 (Public Speaking); Communication Studies 140 (Argumentation and Debate); Communication Studies 145 (Group Dynamics); Communication Studies 152 (Oral Interpretation).

Petition for Graduation and Catalog Rights:

Petitions for graduation should be filed in the Office of Admissions and Records one semester before the student expects to graduate. Students who maintain continuous enrollment in at least one regular semester or session of a catalog year (fall, intersession, spring, or summer) at Santa Ana College or Santiago Canyon College may elect to meet the associate degree or certificate requirements in the SAC Catalog in effect at the time of first enrollment, or may choose the catalog requirements from any one year of subsequent continuous enrollment. **A student who has an interruption of attendance must use the catalog at the time of readmission or one of subsequent continuous enrollment.** Commencement exercises are held once a year at the end of the spring semester for those students who complete the requirements for graduation during the year or the summer session.

NOTE: Official Transcripts from all colleges attended must be on file in the Admissions and Records office.

GENERAL EDUCATION REQUIREMENTS FOR THE ASSOCIATE DEGREE

PLAN A: 2018-2019

NOTE: This plan does not apply to Associate Degrees for Transfer (A.A.-T and A.S.-T).

See page 8 for specific requirements for the following:

- IV. A. Reading Proficiency
- B. Mathematics Proficiency
- V. Oral Communication Requirement

Courses taken to meet these proficiencies/requirement must be completed with a grade of "C" or better.

NOTE: A single course may be used to meet only one category requirement (A-F) in Section II. However, a course may be used to meet both a required proficiency (IV) or requirement (V), as well as one of the categories of General Education Courses on Plan A (II). Courses which meet the requirements for Part II of Plan A at Santiago Canyon College will automatically meet the identical requirements for Part II of Plan A at Santa Ana College.

II. Required General Education Courses

- A. Natural Sciences** (minimum 3 semester units)
- Anthropology 101, 101L
 - Astronomy 109, 110 or 110H, 140
 - Biology 109 or 109H/109L, 111, 115, 149, 177, 190, 190L, 200, 211, 239, 259
 - Chemistry 109, 119, 209, 210, 219 or 219H
 - Earth Science 110 or 110H, 115, 150 or 150H
 - Environmental Studies 140, 200, 259
 - Geography 101, 101L, 130
 - Geology 101, 101L, 140, 150 or 150H, 201
 - Physical Science 117, 118
 - Physics 109, 210, 217, 279
 - Psychology 200

- B. Social and Behavioral Sciences** (minimum 6 semester units)

1. **American Institutions** (minimum 3 semester units)
 - History 118, 120 or 120H, 121 or 121H, 122
 - Political Science 101 or 101H
2. **Social Science Elective** (minimum 3 units)
 - Anthropology 100 or 100H
 - Child Development 107, 110
 - Criminal Justice 101 or 101H
 - Economics 120, 121
 - Geography 100 or 100H, 102 or 102H, 140, 155
 - History 101 or 101H, 102 or 102H
 - Political Science 101 or 101H
 - Psychology 100 or 100H
 - Sociology 100 or 100H

- C. Humanities** (minimum 3 semester units)

- American Sign Language 110, 111, 116, 210
- Anthropology 104 or 104H
- Art 100 or 100H, 101, 102, 105, 107, 110
- Communications and Media Studies 103, 105 or 105H, 111
- Dance 100 or 100H, 105
- English 104 or 104H
- Foreign Language:
 - Chinese 101, 102
 - French 101, 102, 201 or 201H, 202 or 202H
 - Italian 120, 121
 - Japanese 101, 102
 - Spanish 101 or 101H, 102 or 102H, 195 A, 195B, 201 or 201H, 202 or 202H
 - Vietnamese 101, 102
- Interdisciplinary Studies 121, 200
- Kinesiology, Professional 170
- Literature:
 - Communications & Media Studies 110
 - English 102 or 102H, 231, 232, 233ABC, 241, 242, 270, 271, 272
 - Music 101 or 101H, 102 or 102H, 104, 105, 110, 111, 211
 - Philosophy 106 or 106H, 108, 112, 118
 - Television/Video Communications 101, 103, 104
 - Theatre Arts 100, 105

D. Cultural Breadth

(Three semester units required from D1 or D2)

D1. Ethnic Studies/Women's Studies

- American Sign Language 116
- Anthropology 104 or 104H, 125
- Art 103, 104, 106
- Asian American Studies 101
- Black Studies 101
- Chicano Studies 101
- Child Development 221
- Communication Studies 103 or 103H, 206 or 206H
- English 104 or 104H, 245, 246, 278
- Ethnic Studies 101 or 101H, 102 or 102H
- History 123, 124 or 124H, 125, 127, 146, 150, 151, 153, 163, 181
- Kinesiology, Health Education 102
- Music 103
- Nutrition and Food 118
- Political Science 235
- Psychology 170
- Women's Studies 101, 102

D2. International Perspective

- Anthropology 100 or 100H
- Business 106
- Criminal Justice 209
- Dance 105
- English 271, 272
- Geography 100 or 100H, 102
- Interdisciplinary Studies 117H
- Kinesiology, Professional 150
- Music 102 or 102H
- Philosophy 112
- Theatre Arts 105

E. Language and Rationality (minimum 6 semester units)

1. English Composition (minimum 3 semester units)

Courses fulfilling the written composition requirement include both expository and argumentative writing. The English composition requirement may be met by completing English 101 or 101H with a grade of "C" or better.

2. Communication and Analytical Thinking (minimum 3 semester units)

- Includes mathematics, logic, statistics, computer languages and programming and related disciplines.
- Business 130
- Communication Studies 102, 140, 145
- Computer Science 100, 105
- Counseling 144
- English 102 or 102H, 103 or 103H
- Mathematics 083, 084, 105, 140, 145, 150, 162, 170, 180 or 180H, 185, 204, 219 or 219H, 280, 287
- Philosophy 110 or 110H, 111
- Psychology 210
- Reading 101, 101X, 102, 150

F. Lifelong Understanding and Self-Development (minimum 3 semester units)

NOTE: Take one course from each group. No more than one semester unit may be counted from F2.

Three semester units for Health Education and one semester unit for Kinesiology may be granted on the basis of military service. See page 48 for additional information.

1. Completion of one of the following:

- Child Development 107
- Counseling 100, 116, 120, 124, 125, 128
- Entrepreneurship 100
- Fashion Design Merchandising 103
- Interdisciplinary Studies 155
- Kinesiology, Health Education 101, 102, 103, 104, 108
- Kinesiology, Professional 125, 160
- Library and Information Studies 100
- Mathematics 030
- Nutrition and Food 115 or 115H
- Philosophy 111
- Psychology 140, 180, 230
- Sociology 112
- Study Skills 109

2. Completion of one of the following:

- Dance 102, 201A, 201B, 206A, 206B, 219A, 219B
- Kinesiology, Activities 107A, 107B, 107C, 123, 140A, 150A, 155A, 160A, 169A, 169B, 170A, 200A, 200B, 200C, 211A, 211B, 220A, 220B, 220C, 226A, 260A, 260B, 260C, 265A, 265B, 265C, 270A, 290A, 290B
- Kinesiology, Adapted Activities 201A, 202A, 202B, 205A, 208A, 208B, 211A, 211B
- Kinesiology, Aerobic Fitness 140A, 143A, 144A, 146A, 146B, 150A, 156A, 156B, 157A
- Kinesiology, Aquatics 201A, 201B, 204
- Kinesiology, Fitness 101A, 101B, 101C, 112A, 112B, 112C, 114A, 114B, 115A, 115B, 115C, 147A, 147B
- Kinesiology, Intercollegiate Athletics 125, 128, 133, 134, 171, 201, 202, 204, 206, 209, 210, 211, 212, 213, 214, 216, 217, 218, 219, 220, 221, 223, 227, 230, 231, 232, 235, 240, 261, 262, 270, 271, 281, 291, 293
- Kinesiology, Professional 155, 165, 175, 200, 275

This requirement (F) is met for Fire Technology (as long as Fire Technology 121 and 121L are taken as part of the program), Nursing, and Occupational Therapy Assistant by completion of the major.

ASSOCIATE DEGREES FOR TRANSFER



Associate Degree for Transfer[™]

In addition to traditional associate degrees, California Community Colleges offer Associate Degrees for Transfer (ADT) to the CSU. These may include Associate in Arts (A.A.-T) or Associate in Science (A.S.-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. California community college students who are awarded an A.A.-T or A.S.-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses.

Students who have been awarded an A.A.-T or A.S.-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units.

Santa Ana College offers numerous A.A.-T and A.S.-T degrees. To find out which CSU campuses accept each degree, please meet with a SAC counselor. You can also find this information at: www.adegreewithaguarantee.com. **An A.A.-T or A.S.-T degree may not be the best option for students intending to transfer to a particular CSU campus, or to a university or college that is not part of the CSU system.** Current and prospective community college students are encouraged to meet with a counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

Requirements

Student completion requirements for the associate degree for transfer:

1. 60 semester or 90 quarter CSU transferable units. At least 12 of the units must be earned at Santa Ana College.
2. The California State University General Education-Breadth pattern (CSU GE Breadth page 10); OR the Intersegmental General Education Transfer Curriculum (IGETC page 11) pattern.

Note: The ADT can be awarded to students completing the UC version of IGETC, but completion of this pattern will not satisfy CSU admission requirements.

(Students pursuing an ADT in Chemistry or Biology, must complete CSU GE for STEM or IGETC for STEM as specified.)

CSU GE Breadth for STEM for students earning an A.S.-T in Biology only

Complete the following CSU-GE courses before transfer:

- All courses in Areas A, B, and E; and
- One course in Area C1 Arts and one course in Area C2 Humanities; and
- Two courses in Area D from two different disciplines. Complete the following courses after transfer:
- One remaining lower-division GE course in Area C*^{*}; and
- One remaining lower-division GE course in Area D*^{*}.

* These deferred lower division courses must be replaced with calculus and/or science courses required by the major before transfer.

CSU GE Breadth for STEM completion does not qualify students for the CSU-GE Certificate of Achievement.

IGETC for STEM for students earning an A.S.-T in Biology or Chemistry only

Complete the following IGETC courses before transfer:

- All courses in Areas 1 (except 1C for UC-bound students), 2, and 5; and
- One course in Area 3A; one course in Area 3B; and two courses in Area 4 from two different disciplines.

Complete the following courses after transfer:

- One remaining lower-division GE course in Area 3*^{*}
- One remaining lower-division GE course in Area 4*^{*} and

- One course in Area 6 for UC-bound students who have not satisfied it through proficiency.*

* These deferred lower division courses must be replaced with calculus and/or science courses required by the major before transfer

IGETC for STEM completion does not qualify students for the IGETC Certificate of Achievement.

3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district (see Instructional Programs portion of the catalog).
4. attainment of a minimum grade point average (GPA) of 2.0. (Some majors may require a higher GPA)
5. earn a grade of C or better (C minus is not acceptable) or Pass in all courses required for the major or area of emphasis.

Santa Ana College currently offers the following Associate in Arts and Associate in Science for Transfer degrees:

- | | | |
|-----------------------------|---|---------------------|
| • Administration of Justice | • Economics | • Music |
| • Anthropology | • Elementary Teacher Education | • Nutrition |
| • Art History | • English | • Philosophy |
| • Biology | • Film, Television and Electronic Media | • Physics |
| • Business Administration | • Geography | • Political Science |
| • Chemistry | • Geology | • Psychology |
| • Communication Studies | • History | • Sociology |
| • Computer Science | • Journalism | • Spanish |
| • Early Childhood Education | • Kinesiology | • Studio Arts |
| | • Mathematics | • Theatre Arts |

See the Instructional Programs Section of this catalog for major requirements.

Course Substitutions and Reciprocity, Policy and Procedures

Students who have completed courses at another California community college, a regionally accredited institution and/or completed an external exam such as AP, CLEP, or IB may apply the coursework or exam results toward A.A.-T/A.S.-T major requirements as follows:

1. A course with a C-ID designation which is completed at another California community college will be substituted for a SAC course that meets an Associate Degree for Transfer (ADT) major requirement designated with the same C-ID number. SAC departmental approval is not required.
2. A course without a C-ID designation which is completed at a regionally accredited institution, other than a California community college, will be reviewed by SAC discipline faculty. Course-to-course substitution will be granted based on discipline faculty determination of comparability to a SAC course with the approved C-ID designation for the given ADT. Course-to-course substitution will be granted in accordance with the state-wide C-ID descriptor when the SAC course does not have an approved C-ID designation, but a statewide C-ID descriptor exists. When no such descriptor exists, course substitution will be based on discipline faculty determination of comparability to a SAC course included on the ADT.
3. Students who have completed an external examination such as AP, CLEP, and IB are granted course credit toward ADT major requirements as listed in the SAC catalog. (Students should be aware that AP credit may be awarded/counted differently by the transfer institution.)

CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH (CSU GE)

PLAN B: 2018-2019

NOTE: These requirements apply to all students. Students planning to graduate from one of the 23 campuses of the California State University must complete 48 semester units in general education breadth courses. A student may complete 39 units of general education at either college in the Rancho Santiago Community College District prior to transfer. Nine semester units of general education coursework must be completed at the upper division level after transfer.

CERTIFICATION OF GENERAL EDUCATION

1. Santa Ana College is authorized to certify a maximum of 39 general education units.
2. No more than 30 semester units may be certified for areas B through D combined, which are described in the next section.
3. Pass/No Pass grades are accepted for certification in all areas; however, they are not recommended for transfer credit in basic skill areas. (A. Communication in the English Language and Critical Thinking, A1, A2, and A3; and B. The Physical Universe and Its Life Forms, B4.) In addition, letter grades may be recommended or required for specific courses in a given major. Each CSU campus may also limit the total number of units graded credit.
4. A single course may not meet more than one general education requirement.
5. Requests for certification should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. Please consult the class schedule or the Counseling Department for deadline information.
6. Certification of coursework from other colleges will be granted to students whose last community college of attendance prior to transfer is Santa Ana.
7. Courses taken at other California Community Colleges will be applied to the subject areas in which they were listed by the institution where the course was completed.
8. Courses taken at other regionally accredited private/out of state institutions (which do not maintain a CSU certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information. Courses completed at foreign institutions are not acceptable for certification.
9. Students earning an A.S.-T in Biology must complete CSU-GE Breadth for STEM. See "Associate Degrees for Transfer" on page 7 for additional information.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet general education-breadth requirements will be honored **if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2018 and are valid through Summer 2019.**

TRANSFER CREDIT

1. Students may transfer up to 70 semester units to the CSU system. Sixty transferable units are needed for junior standing.
2. All courses used for CSU transfer credit must be numbered 100 or above in the Santa Ana College catalog.

A. English Language Communication and Critical Thinking

(minimum 9 semester/12 quarter units)

The 9 units selected from this area must include at least one course each from A1, A2, and A3. Each course must be completed with a grade of "C" or better.

A1: Oral Communication

Communication Studies 101 or 101H, 102, 103 or 103H, 140, 145

A2: Written Communication

English 101 or 101H

A3: Critical Thinking

Communication Studies 140
Counseling 144

English 102 or 102H (102 and 102H not accepted in A3 if completed prior to Fall 2011), 103 or 103H

Philosophy 110 or 110H, 111

Reading 150

B. Scientific Inquiry and Quantitative Reasoning

(minimum 9 semester/12 quarter units)

The 9 units selected from this area must include at least one course each from B1, B2, and B4. The 9 units must also include a corresponding lab component. (Lab classes are in **bold**.) Courses in B4 must be completed with a grade of "C" or better.

B1: Physical Science

Astronomy **109, 110 or 110H**

Chemistry **109, 115, 119, 209, 210, 219 or 219H, 229**

Earth Science 110 or 110H, **115, 150 or 150H**

Environmental Studies 140

Geography 101, 130

Geology 101, 140, 150 or 150H, **201**

Physical Science **115, 117**

Physics **109, 210, 211, 217, 227, 237, 279, 289**

B2: Life Science

Anthropology 101

Biology 109 or 109H, **111, 115, 139, 149, 177, 190, 211,**

212, 214, 229, 239, 249, 259

Environmental Studies **259**

Psychology **200** (200 not accepted in B2 if completed prior to Fall 2017)

B3: Laboratory Activity

Anthropology **101L**

Astronomy **140**

Biology **109L, 111, 115, 139, 149, 190L, 211, 212, 214,**

229, 239, 249, 259

Chemistry **109, 115, 119, 209, 210, 219 or 219H, 229**

Earth Science **115**

Environmental Studies **259**

Geography **101L**

Geology **101L, 201**

Physics **109, 210, 211, 217, 227, 237, 279, 289**

Physical Science **115, 118**

B4: Mathematics/Quantitative Reasoning

Courses must be completed with a grade of "C" or better.

Mathematics 105, 140, 145, 150, 162, 170, 180 or 180H,

185, 204, 219 or 219H, 280

Psychology 210

C. Arts and Humanities

(minimum 9 semester/12 quarter units)

This area must include one course from C1 and one course from C2.

C1: Arts: Art, Cinema, Dance, Music, Theatre

Art 100 or 100H, 101, 102, 103, 104, 105, 106, 107 108

Communications & Media Studies 103

Dance 100 or 100H, 102, 105

English 233A, 233B, 233C

Interdisciplinary Studies 121

Music 101 or 101H, 102 or 102H, 103, 104, 105, 110,

111, 211

Photography 150

Television/Video Communications 103, 104

Theatre Arts 100, 105

C2: Humanities: Literature, Philosophy, Languages

Other Than English

American Sign Language 110, 111, 116, 210

Chinese 101, 102

English 102 or 102H, 206, 220, 231, 232, 233A, 233B,

233C, 241, 242, 243, 245, 246, 270, 271, 272, 278

French 101, 102, 201 or 201H, 202 or 202H

History 101 or 101H, 102 or 102H, 150, 151, 153, 163

Interdisciplinary Studies 200

Italian 120, 121

Japanese 101, 102

Kinesiology, Professional 170

Philosophy 106 or 106H, 108, 112, 118

Spanish 101 or 101H, 102 or 102H, 195A, 195B, 201 or

201H, 202 or 202H

Vietnamese 101, 102

D. Social Sciences

(minimum 9 semester/12 quarter units)

The 9 units selected from this area must include courses from at least 2 different disciplines.

Anthropology 100 or 100H, 103, 104 or 104H, 105, 125

Asian American Studies 101

Biology 200

Black Studies 101

Chicano Studies 101

Child Development 107, 110

Communication Studies 103 or 103H, 206 or 206H

Communications & Media Studies 105 or 105H, 111

Computer Science 100

Counseling 150

Criminal Justice 101 or 101H

Economics 120, 121

English 104 or 104H, 245, 278

Environmental Studies 200

Ethnic Studies 101 or 101H, 102 or 102H

Geography 100 or 100H, 102, 140

History 101 or 101H, 102 or 102H, 105, **118, 120 or**

120H, 121 or 121H, 123, 124 or 124H, 125, 127, 133,

146, 150, 151, 153, 163, 181

Interdisciplinary Studies 117H, 155

Kinesiology, Professional 150

Political Science **101 or 101H, 200 or 200H, 201, 220,**

235

Psychology 100 or 100H, 140, 157, 170, 180, 200, 219,

230, 240, 250

Sociology 100 or 100H, 112, 140 or 140H, 240

Women's Studies 101, 102

NOTE: The CSU graduation requirement in UNITED STATES

HISTORY, CONSTITUTION AND AMERICAN IDEALS may

be met by completing Political Science 101 or 101H and

one U.S. History course from the following: History 118,

120 or 120H, 121 or 121H, 123, 124 or 124H, 127, 146.

These courses (in **bold** in area D above) may also be

used to meet 6 of the 9 Area D unit requirements.

E. Lifelong Learning and Self-Development

(minimum 3 semester/4 quarter units)

Three units should be selected from below with no more than one unit from E2. Three units of credit are allowed in E for former military personnel with a DD-214.

E1:

Child Development 107, 229

Communication Studies 104

Counseling 100, 116, 120, 124, 125, 128

Interdisciplinary Studies 155

Kinesiology, Health Education 101, 102, 103, 104

Kinesiology, Professional 125

Nutrition and Food 115 or 115H

Psychology 140, 157, 230

Sociology 112

Study Skills 109

E2:

Kinesiology, Activities 107A, 107B, 107C, 123, 140A,

150A, 155A, 160A, 169A, 169B, 170A, 200A, 200B,

200C, 211A, 211B, 220A, 220B, 220C, 226A, 260A,

260B, 260C, 265A, 265B, 265C, 270A, 290A, 290B

Kinesiology, Adapted Activities 201A, 202A, 202B,

205A, 208A, 208B, 211A, 211B

Kinesiology, Aerobic Fitness 140A, 143A, 144A, 146A,

146B, 150A, 156A, 156B, 157A

Kinesiology, Aquatics 201A, 201B, 204

Kinesiology, Fitness 101A, 101B, 101C, 112A, 112B,

112C, 114A, 114B, 115A, 115B, 115C, 147A, 147B

Kinesiology, Intercollegiate Athletics 125, 128, 133, 134,

171, 201, 202, 204, 206, 209, 210, 211, 212, 213,

214, 216, 217, 218, 219, 220, 221, 223, 227, 235,

240, 261, 262, 270, 271, 281, 291, 293

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

PLAN C: 2018-2019

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from Santa Ana College to a campus in either the CALIFORNIA STATE UNIVERSITY or the UNIVERSITY OF CALIFORNIA system without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

1. It is generally recommended that students complete all the listed requirements for IGETC prior to transferring. Students may obtain partial certification, however, by completing all but 1-2 courses. Consult a counselor for additional information.
2. **Complete all courses used for IGETC certification with a minimum grade of C (C minus is not acceptable.)** A "pass" is acceptable providing it is equivalent to a grade of C or higher. The catalog must reflect this policy.
3. Request certification from the last California community college attended prior to transfer to CSU or UC. Requests should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. Please consult the class schedule or a counselor for deadline information.
4. Prior to requesting certification, have all official transcripts on file from every high school and college attended.
5. Courses taken at other California community colleges will be applied to the subject areas in which they are listed by the institution where the work was completed.
6. Courses taken at other regionally accredited private/out of state institutions (which do not maintain an IGETC certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Equivalency is determined by Santa Ana College faculty. Petitions are available from the Counseling Division and must be accompanied by the appropriate documentation. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information.
7. Courses completed at foreign institutions (without US regional accreditation) are not acceptable except for certification of competence in a language other than English.
8. Students earning an A.S.-T in Biology or Chemistry must complete IGETC for STEM. See "Associate Degrees for Transfer" on page 7 for additional information.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet IGETC requirements will be honored **if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2018 and are valid through Summer 2019.**

AREA 1 - ENGLISH COMMUNICATION

C.S.U.: 3 courses required, one from each group.

U.C.: 2 courses required, one each from Group A and B.

Group A: English Composition

1 course, minimum 3 semester/4-5 quarter units.
English 101** or 101H**

Group B: Critical Thinking-English Composition

1 course, 3 semester/4-5 quarter units.
English 102** or 102H** (102 and 102H not accepted in 1B if completed prior to Fall 2011)
English 103** or 103H**
Philosophy 110** or 110H**

Group C: Oral Communication (CSU ONLY)

1 course, 3 semester/4-5 quarter units.
Communication Studies 102, 103** or 103H**, 140, 145

AREA 2A - MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

1 course, 3 semester/4-5 quarter units.
Math 105, 140**, 145, 150**, 170**, 180** or 180H**, 185, 219** or 219H**, 280; Psychology 210

AREA 3 - ARTS AND HUMANITIES

3 courses, 9 semester/12-15 quarter units, with at least one course from Group A and one course from Group B.

Group A: Arts (minimum 1 course)

Art 100** or 100H**, 101, 102, 103, 104, 105, 106, 107, 108
Communications & Media Studies 103
Dance 100** or 100H**, 102, 105
Interdisciplinary Studies 121
Music 101** or 101H**, 102** or 102H**, 103, 104, 105, 111, 211
Photography 150
Television/Video Communications 103, 104
Theatre Arts 100, 105

Group B: Humanities (minimum 1 course)

American Sign Language 111, 116, 210
Chinese 102
English 102** or 102H**, 206, 220, 231, 232, 233A or 233B or 233C, 241, 242, 243, 245, 246, 271, 272, 278
French 102, 201** or 201H**, 202** or 202H**
History 101** or 101H**, 102** or 102H**, 150, 151, 153, 163*
Interdisciplinary Studies 200
Italian 121
Japanese 102
Philosophy 106** or 106H**, 108, 112, 118
Spanish 102** or 102H**, 195A, 195B, 201** or 201H**, 202** or 202H**
Vietnamese 102

AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES

3 courses, 9 semester/12-15 quarter units from at least 2 disciplines or an interdisciplinary sequence.

Anthropology 100** or 100H**, 103, 104** or 104H**, 105, 125
Asian American Studies 101
Biology 200
Black Studies 101
Chicano Studies 101
Child Development 107**
Communication Studies 206** or 206H**
Communications & Media Studies 105** or 105H**, 111
Criminal Justice 101 or 101H
Economics 120, 121
English 104** or 104H**
Environmental Studies 200
Ethnic Studies 101** or 101H**, 102** or 102H**
Geography 100** or 100H**, 102**, 140
History 101**, 121** or 121H**, 123, 124** or 124H**, 125, 127, 133, 146, 163*, 181
Interdisciplinary Studies 117H, 155
Political Science 101** or 101H**, 200** or 200H**, 201, 220, 235
Psychology 100** or 100H**, 140, 157**, 170, 200, 219, 230, 240, 250
Sociology 100** or 100H**, 140** or 140H**, 240
Women's Studies 101, 102

AREA 5 - PHYSICAL AND BIOLOGICAL SCIENCES

At least 2 courses, 7-9 semester/9-12 quarter units with one Physical Science course and one Biological Science course; at least one must include a corresponding laboratory (Group C)

Group A: Physical Science (1 course)

Astronomy 109, 110** or 110H**
Chemistry 109**, 115, 119**, 209**, 210, 219** or 219H**, 229
Earth Science 110** or 110H**, 115**, 150** or 150H**
Environmental Studies 140
Geography 101**, 130
Geology 101**, 140, 150** or 150H**, 201
Physical Science 115, 117**
Physics 109**, 210**, 211**, 217**, 227**, 237**, 279**, 289**

Group B: Biological Science (1 course)

Anthropology 101
Biology 109** or 109H**, 111, 115, 139**, 149 (Fall 2017 or later completion), 177, 190, 211**, 212, 214, 229**, 239, 249, 259
Environmental Studies 259
Psychology 200 (Fall 2017 or later completion)

Group C: Laboratory Activity

Anthropology 101L
Astronomy 140
Biology 109L, 111, 115, 139**, 149 (Fall 2017 or later completion), 190L, 211**, 212, 214, 229**, 239, 249, 259
Chemistry 109**, 115, 119**, 209**, 210, 219** or 219H**, 229
Earth Science 115**
Environmental Studies 259
Geography 101L
Geology 101L, 201
Physical Science 115, 118**
Physics 109**, 210**, 211**, 217**, 227**, 237**, 279**, 289**

AREA 6A - LANGUAGE OTHER THAN ENGLISH (U.C. ONLY)

Satisfactory completion of two years of high school coursework in one language other than English with grades of "C" or better**;

OR

completion of one of the following: American Sign Language 110, Chinese 101, French 101, Italian 120, Japanese 101, Spanish 101** or 101H**, or Vietnamese 101;

OR

satisfactory completion, with "C" grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English;

OR

satisfactory score in examinations of languages other than English as follows:

3 or higher on College Board Advanced Placement Examination, 5 or higher on International Baccalaureate Higher Level Examination; SAT II: Subject Tests (see counselor for required scores); A, B, or C on "O" Level exam; 5, 6, 7 or A, B, or C on "A" Level exam;

OR

satisfactory completion of an achievement test administered by a college in language other than English equivalent to two years of high school language. If an achievement test is not available, a SAC faculty member may verify competency.

AMERICAN INSTITUTIONS REQUIREMENT

(Not part of IGETC. May be completed prior to transfer.)

CSU has an American Institutions graduation requirement that is separate from IGETC. Courses used to meet the CSU requirement **can** usually also be used in Area 3 or 4. (This is at the discretion of each CSU campus.) To meet the CSU requirement, students should take Political Science 101** or 101H** **AND** one of the following courses: History 118, 120**, 120H**, 121**, 121H**, 123, 124**, 124H**, 127, 146.

UC requires the completion of a college course or courses with a grade of "C" or better **OR** a one-year course in high school in U.S. History or a half-year course in U.S. History and a half-year course in American Government with grades of "C" or better (UCLA requires grades of "B"). UCSB requires the completion of a college course. If you are using college coursework to satisfy this requirement, check the appropriate UC catalog to determine which course(s) to take.

SUMMARY OF CHANGES INCLUDED IN THE SANTA ANA COLLEGE 2018-2019 CATALOG ADDENDUM

ANNOUNCEMENT OF COURSES

NURSING REGISTERED (NRN)

Nursing-Registered 106A – Health Science Skills Laboratory - First Semester
Nursing-Registered 106B – Health Sciences Skills Laboratory - Second Semester
Nursing-Registered 106C – Health Sciences Skills Laboratory - First Year Refresher
Nursing-Registered 160 – Introduction to Pharmacology
Nursing-Registered 161 – Principles of Nursing Practice
Nursing-Registered 161L – Principles of Nursing Practice Lab
Nursing-Registered 162 – Pharmacological Concepts
Nursing-Registered 163 – Simple Concepts
Nursing-Registered 163L – Simple Concepts Lab
Nursing-Registered 164 – Family Health Concepts
Nursing-Registered 164L – Family Health Concepts Lab
Nursing-Registered 165 – Health Illness Concepts
Nursing-Registered 165L – Health Illness Concepts Lab
Nursing-Registered 206A – Health Sciences Skills Laboratory - Third Semester
Nursing-Registered 206B – Health Sciences Skills Laboratory - Fourth Semester
Nursing-Registered 206C – Health Sciences Skills Laboratory - Second Year Transition
Nursing-Registered 261 – Mental Health Concepts
Nursing-Registered 261L – Mental Health Concepts Lab
Nursing-Registered 262 – Acute Concepts
Nursing-Registered 262L – Acute Concepts Lab
Nursing-Registered 263 – Complex Concepts
Nursing-Registered 263L – Complex Concepts Lab
Nursing-Registered 264 – Preceptorship Lab

PARALEGAL (PARA)

Paralegal 246 – Legal Research and Analysis

PHARMACY TECHNOLOGY (PHAR)

Pharmacy Technology 084L – Pharmacy Technology Skills Lab

Nursing-Registered 106A**Health Science Skills Laboratory - First Semester**

Unit(s): 0.5 Class Hours: 27 Laboratory total.

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Supervised use with supplemental learning assistance of the skills lab to assist the student in the development of clinical competency of nursing fundamentals and mastery of fundamental psychomotor skills content addressed in courses NRN-161, NRN 161L, NRN 163 and NRN-163L. Grade: Pass/No Pass Only. Open Entry/Open Exit. CSU

Nursing-Registered 106B**Health Sciences Skills Laboratory - Second Semester**

Unit(s): 0.5 Class Hours: 27 Laboratory total.

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of nursing concepts pertaining to maternal-child health and mastery of psychomotor skills related to maternal-child biological and psychosocial needs addressed in courses NRN 164, NRN 164L, NRN 165, and NRN 165L. Grade: Pass/No Pass Only. Open Entry/Open Exit. CSU

Nursing-Registered 106C**Health Sciences Skills Laboratory - First Year Refresher**

Unit(s): 0.5 Class Hours: 27 Laboratory total.

Prerequisite: Enrollment in the Registered Nursing Program, EMT, any N.C.E. courses, or RN re-entry.

Supervised use with supplemental learning assistance of skills lab to assist the re-entry student or EMT student in the expansion of clinical competency of principles of nursing and mastery of basic to intermediate psychomotor skills content addressed in courses NRN 161, NRN 161L, NRN 163, NRN 163L, NRN 164, NRN 164L, EMT 101 or EMT 105. Grade: Pass/No Pass Only. Open Entry/Open Exit. CSU

Nursing-Registered 160**Introduction to Pharmacology**

Unit(s): 1.0 Class Hours: 18 Lecture total.

Prerequisite: Biology 239 and Biology 249 and Biology 139 or Biology 229 and English 101 or English 101H with a minimum grade of C. Concurrent enrollment in Nursing-Registered 161 and Nursing-Registered 161L.

This course introduces the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: safety and infection control, diversity, health promotion, communication, professional behavior, clinical reasoning/judgment, health care system, and ethics. Upon completion, students should be able to identify safe nursing care incorporating the concepts discussed in this course. CSU

Nursing-Registered 161**Principles of Nursing Practice**

Unit(s): 2.0 Class Hours: 36 Lecture total.

Prerequisite: Biology 239 and Biology 249 and Biology 139 or Biology 229 and English 101 or English 101H with a minimum grade of C. Concurrent enrollment in Nursing-Registered 160 and Nursing-Registered 161L.

This course introduces the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: elimination, metabolism, oxygenation, tissue integrity, comfort, emergencies, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, healthcare system, and ethics. Upon completion, students should be able to identify safe nursing care incorporating the concepts discussed in this course. CSU

Nursing-Registered 161L**Principles of Nursing Practice Lab**

Unit(s): 2.5 Class Hours: 135 Laboratory total.

Prerequisite: Biology 239 and Biology 249 and Biology 139 or Biology 229 and English 101 or English 101H with a minimum grade of C. Concurrent enrollment in Nursing-Registered 160 and Nursing-Registered 161.

This clinical course applies the concepts of NRN 161 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: elimination, metabolism, oxygenation, tissue integrity, comfort, emergencies, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, healthcare system, ethics, and clinical competency. Grade: Pass/No Pass Only. CSU

Nursing-Registered 162**Pharmacological Concepts**

Unit(s): 1.5 Class Hours: 27 Lecture total.

Prerequisite: Nursing-Registered 160 and Nursing-Registered 161 with a minimum grade of C, and Nursing-Registered 161L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 163 and Nursing-Registered 163L.

This course further develops the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: fluid and electrolyte balance, metabolism, central nervous system, cellular regulation, oxygenation, perfusion, reproduction, inflammation, infection, mobility, comfort, stress and coping, mood & affect, cognition, safety & infection control, communication, professional behavior, clinical reasoning/judgment, and ethics. Upon completion, students should be able to identify safe nursing care incorporating the concepts discussed in this course. CSU

Nursing-Registered 163**Simple Concepts**

Unit(s): 3.0 Class Hours: 54 Lecture total.

Prerequisite: Nursing-Registered 160 and Nursing-Registered 161 with a minimum grade of C, and Nursing-Registered 161L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 162 and Nursing-Registered 163L.

This course further develops the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: fluid and electrolyte balance, elimination, metabolism, perfusion, inflammation, tissue integrity, infection, mobility, comfort, cognition, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to explain safe nursing care incorporating the concepts discussed in this course. CSU

Nursing-Registered 163L**Simple Concepts Lab**

Unit(s): 2.5 Class Hours: 135 Laboratory total.

Prerequisite: Nursing-Registered 160 and Nursing-Registered 161 with a minimum grade of C, and Nursing-Registered 161L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 162 and Nursing-Registered 163.

This clinical course applies the concepts of NRN 163 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: fluid and electrolyte balance, elimination, metabolism, perfusion, inflammation, tissue integrity, infection, mobility, comfort, cognition, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, ethics, and clinical competency. Upon completion, students should be able to demonstrate safe nursing care incorporating the concepts identified in this course. Grade: Pass/No Pass Only. CSU

Nursing-Registered 164**Family Health Concepts**

Unit(s): 2.0 Class Hours: 36 Lecture total.

Prerequisite: Nursing-Registered 162 and Nursing-Registered 163 with a minimum grade of C, and Nursing-Registered 163L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 164L.

This course further describes the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: physical growth and development, psychosocial development, cognitive development, metabolism, cellular regulation, perfusion, reproduction, infection, comfort, emergencies, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to interpret safe nursing care incorporating the concepts discussed in this course. CSU

Nursing-Registered 164L**Family Health Concepts Lab**

Unit(s): 2.0 Class Hours: 108 Laboratory total.

Prerequisite: Nursing-Registered 162 and Nursing-Registered 163 with a minimum grade of C, and Nursing-Registered 163L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 164.

This clinical course applies the concepts of NRN 164 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: physical growth and development, psychosocial development, cognitive development, metabolism, cellular regulation, perfusion, reproduction, infection, comfort, emergencies, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, ethics, and clinical competencies. Upon completion, students should be able to employ safe nursing care incorporating the concepts identified in this course. Grade: Pass/No Pass Only. CSU

Nursing-Registered 165**Health Illness Concepts**

Unit(s): 2.5 Class Hours: 45 Lecture total.

Prerequisite: Nursing-Registered 164 with a minimum grade of C, and Nursing-Registered 164L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 165L.

This course relates the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: psychosocial development, cognitive development, metabolism, cellular regulation, oxygenation, inflammation, infection, comfort, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to differentiate safe nursing care incorporating the concepts discussed in this course. CSU

Nursing-Registered 165L**Health Illness Concepts Lab**

Unit(s): 2.5 Class Hours: 135 Laboratory total.

Prerequisite: Nursing-Registered 164 with a minimum grade of C, and Nursing-Registered 164L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 165.

This clinical course applies the concepts of NRN 165 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: psychosocial development, cognitive development, metabolism, cellular regulation, oxygenation, inflammation, infection, comfort, safety and infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to differentiate safe nursing care incorporating the concepts discussed in this course. Grade: Pass/No Pass Only. CSU

Nursing-Registered 206A**Health Sciences Skills Laboratory - Third Semester**

Unit(s): 0.5 Class Hours: 27 Laboratory total.

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of mental health nursing and mastery of psychomotor skills content addressed in courses NRN 261, NRN 261L, NRN 262, and NRN 262L. Grade: Pass/No Pass Only. Open Entry/Open Exit. CSU

Nursing-Registered 206B**Health Sciences Skills Laboratory - Fourth Semester**

Unit(s): 0.5 Class Hours: 27 Laboratory total.

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Supervised use with supplemental learning assistance of skills lab to assist the student in development of clinical competency of advanced medical/surgical nursing concepts and mastery of advanced medical/surgical psychomotor skills content addressed in courses NRN 263, NRN 263L and NRN 264L. Grade: Pass/No Pass Only. Open Entry/Open Exit. CSU

Nursing-Registered 206C**Health Sciences Skills Laboratory - Second Year Transition**

Unit(s): 0.5 Class Hours: 27 Laboratory total.

Prerequisite: Enrollment in the Registered Nursing Program, any N.C.E. courses, or RN re-entry.

Supervised use with supplemental learning assistance of skills lab to assist the RN refresher, advanced placed nursing student, or EMT student in the development and maintenance of clinical competency of nursing theoretical knowledge and mastery of advanced psychomotor skills content necessary for the transition into clinical practice as addressed in courses NRN 261, NRN 261L, NRN 262, NRN 262L, NRN 263, NRN 263L, and NRN 264L, EMT 101, or EMT 105. Grade: Pass/No Pass Only. Open Entry/Open Exit. CSU

Nursing-Registered 261**Mental Health Concepts**

Unit(s): 1.5 Class Hours: 27 Lecture total.

Prerequisite: Nursing-Registered 165 with a minimum grade of C, and Nursing-Registered 165L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 261L.

This course examines the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: metabolism, emergencies, stress & coping, mood & affect, cognition, addictive behavior, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, health care system, and ethics. Upon completion, students should be able to analyze safe nursing care incorporating the concepts discussed in this course. CSU

Nursing-Registered 261L**Mental Health Concepts Lab**

Unit(s): 1.5 Class Hours: 81 Laboratory total.

Prerequisite: Nursing-Registered 165 with a minimum grade of C, and Nursing-Registered 165L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 261.

This clinical course applies the concepts of NRN 261 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: metabolism, emergencies, stress & coping, mood & affect, cognition, addictive behavior, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, health care system, ethics and clinical competency. Upon completion, students should be able to utilize safe nursing care incorporating the concepts identified in this course. Grade: Pass/No Pass Only. CSU

Nursing-Registered 262**Acute Concepts**

Unit(s): 3.0 Class Hours: 54 Lecture total.

Prerequisite: Nursing-Registered 261 with a minimum grade of C, and Nursing-Registered 261L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 262L.

This course correlates the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: metabolism, central nervous system regulation, cellular regulation, oxygenation, perfusion, inflammation, infection, mobility, comfort, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, and ethics. Upon completion, students should be able to analyze safe nursing care incorporating the concepts discussed in this course. CSU

Nursing-Registered 262L**Acute Concepts Lab**

Unit(s): 3.0 Class Hours: 162 Laboratory total.

Prerequisite: Nursing-Registered 261 with a minimum grade of C, and Nursing-Registered 261L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 262.

This clinical course applies the concepts of NRN 262 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: metabolism, central nervous system regulation, cellular regulation, oxygenation, perfusion, inflammation, infection, mobility, comfort, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, ethics, and clinical competency. Upon completion, students should be able to validate safe nursing care incorporating the concepts identified in this course. Grade: Pass/No Pass Only. CSU

Nursing-Registered 263**Complex Concepts**

Unit(s): 3.5 Class Hours: 63 Lecture total.

Prerequisite: Nursing-Registered 262 with a minimum grade of C, and Nursing-Registered 262L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 263L.

This course formulates the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: fluid and electrolyte balance, metabolism, central nervous system regulation, oxygenation, perfusion, tissue integrity, infection, mobility, comfort, emergencies, safety & infection control, diversity, health promotion, communication, professional behavior, clinical reasoning/judgment, health care system, and ethics. Upon completion, students should be able to synthesize safe nursing care incorporating the concepts discussed in this course. CSU

Nursing-Registered 263L**Complex Concepts Lab**

Unit(s): 2.5 Class Hours: 135 Laboratory total.

Prerequisite: Nursing-Registered 262 with a minimum grade of C, and Nursing-Registered 262L with a minimum grade of P. Concurrent enrollment in Nursing-Registered 263.

This clinical course applies the concepts of NRN 263 within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on the concepts within each domain including: fluid and electrolyte balance, metabolism, central nervous system regulation, oxygenation, perfusion, tissue integrity, infection, mobility, comfort, emergencies, safety & infection control, diversity, health promotion, communication, professional behaviors, clinical reasoning/judgment, health care system, ethics, and clinical competency. Upon completion, students should be able to synthesize safe nursing care incorporating the concepts discussed in this course. Grade: Pass/No Pass Only. CSU

Nursing-Registered 264L**Preceptorship Lab**

Unit(s): 2.5 Class Hours: 135 Laboratory total.

Prerequisite: Nursing-Registered 263 with a minimum grade of C, and Nursing-Registered 263L with a minimum grade of P.

This clinical course applies the concepts within the four domains of Person, Health and Illness, Environment, and Nursing. Emphasis is placed on developing leadership skills including time management, prioritization, and delegation in an independent clinical environment precepted by an experienced registered nurse. Upon completion, students should be able to manage safe nursing care incorporating the concepts identified and discussed in the nursing curriculum. Grade: Pass/No Pass Only. CSU

PARALEGAL (PARA)**Paralegal 246****Legal Research and Analysis**

Unit(s): 4.0 Class Hours: 72 Lecture total.

Principles of legal research, legal analysis, and techniques for the Paralegal to assist an attorney in the delivery of legal services to their client. CSU

PHARMACY TECHNOLOGY (PHAR)**Pharmacy Technology 084L****Pharmacy Technology Skills Lab**

Unit(s): 0.5 - 1.0 Class Hours: 27-54 Laboratory total.

Concurrent enrollment in PHAR 084, Sterile Products Update.

Returning students who took PHAR 060 or PHAR 084 can take PHAR 084L alone.

Supervised use of the Pharmacy Technology skills lab (a supplemental learning assistance course) to assist the students in developing competency in the technical skills required to successfully complete the Sterile Products Update class (PHAR 084). Additionally, this Skills Lab class allows students working in one setting of pharmacy to come back and practice skills in another setting. Skills lab class also allows students with significant time lapsed from program attendance to prepare for externship or job placements. Significant time lapsed is defined as 1 year by departmental policy in compliance with the American Society of Health-System Pharmacists' re-accreditation body. Lab hours verified by sign-in. One-half (0.5) unit is required for the Advanced Certificate and A.S. degree.

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