The Hospitality Option Certificate is designed to prepare students with the knowledge and skills necessary to seek employment in the capacity of restaurant management, hotel/resort management, and special events/meeting planning.
### FALL SEMESTER 2013
- **August 19-21**: Faculty projects
- **August 22-23**: Common college flex days
- **August 26**: INSTRUCTION BEGINS
- **September 2**: Labor Day – holiday
- **September 8**: Last day to add and to drop full-term classes without “W” grade with enrollment fee refund
- **September 27**: Last day to file Pass/No Pass

### FALL SEMESTER 2013
- **September 2**: Labor Day – holiday
- **September 8**: INSTRUCTION BEGINS
- **September 27**: Last day to file Pass/No Pass

### SPRING SEMESTER 2014
- **February 3-5**: Faculty projects
- **February 6-7**: Common college flex days
- **February 10**: INSTRUCTION BEGINS
- **February 14**: Lincoln’s Birthday – holiday
- **February 17**: President’s Day – holiday
- **February 23**: Last day to add and to drop full-term classes without “W” grade with enrollment fee refund

### SPRING SEMESTER 2014
- **March 9**: Last day to file Pass/No Pass
- **March 21**: Deadline for Graduation Petition
- **March 28**: Cesar Chavez Day
- **April 7-12**: Spring recess
- **April 10**: Last day to drop semester-length classes with “W” grade

### SPRING SEMESTER 2014
- **May 11**: Last day to drop semester-length classes with “W” grade
- **May 26**: Memorial Day – holiday
- **June 5**: Commencement – Santa Ana College
- **June 6**: Commencement – Santiago Canyon College
- **June 8**: INSTRUCTION ENDS

### SUMMER SESSION 2014
- **June 16**: INSTRUCTION BEGINS
- **June 20**: Deadline for Graduation Petition
- **July 4**: Independence Day – holiday
- **August 10**: INSTRUCTION ENDS

### INSTRUCTIONAL CALENDAR 2013-2014

<table>
<thead>
<tr>
<th>FALL SEMESTER 2013</th>
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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, 415-506-0254), an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.
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## CREDITS

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Cover Design ................. Miranda Medrano  
Typography .................. David Styffe
SANTA ANA COLLEGE PHILOSOPHY AND MISSION
RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

SANTA ANA COLLEGE
MISSION STATEMENT
The mission of Santa Ana College is to be a leader and partner in meeting the intellectual, cultural, technological and workforce development needs of our diverse community. Santa Ana College provides access and equity in a dynamic learning environment that prepares students for transfer, careers and lifelong intellectual pursuits in a global community.

ACCREDITATION
Santa Ana College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, an institutional body recognized by the Council for Higher Education Accreditation, the U.S. Department of Education, and the Veterans Administration. Santa Ana College is also approved by the California Board of Registered Nursing and accredited by the National League for Nursing Accrediting Commission. The college holds membership in the Community College League of California and the American Association of Community and Junior Colleges. Santa Ana College is also approved by the American Bar Association.

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.

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 is a part of the California community college system, one of the three segments of public post secondary education in the state.

Rancho Santiago Community College District, located in central Orange County, comprises an area of 195 square miles with a population of approximately 700,000. The district includes all of the Orange and Santa Ana Unified School Districts and a portion of the Garden Grove Unified School District. The district boundaries extend from the eastern portion of the city of Garden Grove and around the perimeters of Santa Ana, Orange, Villa Park, and Anaheim Hills, east to the Riverside County line.

SANTA ANA COLLEGE & SANTIAGO CANYON COLLEGE
Santa Ana College opened in 1915 as an upward extension of Santa Ana High School. Of California’s 109 public community colleges, it is the fourth oldest. Located first on the campus of Santa Ana High School, it moved to downtown Santa Ana, and then to its present location in 1947. On the other hand, Santiago Canyon College is among the newest community colleges in California. While the Rancho Santiago Community College District was formed to include the cities of Orange, Villa Park and Anaheim Hills in 1971, Santiago Canyon College (formerly Orange Campus) has offered comprehensive programs for students since 1985. It became an independent college July 1, 1997.

Enrollment in district programs in the Fall 2012, totaled 59,319 with 41,854 in college credit courses and 17,465 in classes for Continuing Education students. The Community Services Program serves another 2,721 residents who enroll in non-credit, fee-supported classes. Approximately 3,100 credit classes are offered by the two colleges each semester, leading to Associates of Arts and Sciences degrees in more than 150 transfer and employment majors, as well as certificates of completion in 75 occupational programs. Metropolitan area television stations also deliver classes through the Community College Television Consortium. In addition, Continuing Education is offered in a variety of non-credit and high school credit courses in over 1000 classes.
CERTIFICATE AND ASSOCIATE DEGREE PROGRAMS AT SANTA ANA COLLEGE (SAC)

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<td><strong>Criminal Justice</strong></td>
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<td>Ethnic Studies</td>
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* Successful completion of these programs will appear on the transcript.

** See current SAC catalog for additional options under these titles.

Certificate of Proficiency indicated with a CP will not appear on the transcript.
ASSOCIATE DEGREE REQUIREMENTS: 2013-2014

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 AA-T or AS-T degree. Units earned at a regionally accredited college or university on a pass/no pass basis will be counted toward the degree requirements of the college, to a maximum of 15 units.

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. NOTE: See Plan A, page 6 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.

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 9 units of general education courses for the Associate Degree in Areas A (Natural Sciences) - 3 units; B (Social and Behavioral Sciences) - 3 units each in B1 and B2.

B. Mathematics

1. Completion of Mathematics 078/080/081 or any other 3 unit mathematics course numbered above the level of 078/080/081, OR
2. Score on the SAC/SCC mathematics placement test indicating placement in a mathematics course numbered above the level of 080/081.

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: Transcripts from all colleges attended must be on file.

See page 7 for Associate Degree for Transfer requirements.
B. Social and Behavioral Sciences

Part II of Plan A at Santa Ana College.

requirements for Part II of Plan A at Santiago Canyon College. Courses which meet the requirement (V), as well as one of the categories of General Education Courses on Plan A (II). Courses which meet both a required proficiency (IV) or category requirement (A-F) in Section II. However, a course must be completed with a grade of “C” or better.

Courses taken to meet these proficiencies/requirement

V. Oral Communication Requirement

IV. A. Reading Proficiency

FOR THE ASSOCIATE DEGREE

gENERAL EduCATION REquIREMENTS

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See page 5, for specific requirements for the following:

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

Courses taken to meet these proficiencies/requirement,

A single course may be used to meet only one specific requirements for the

A. Natural Sciences (minimum 3 units)
Anthropology 101, 101L
Astronomy 109, 110 or 110H, 140
Biology 109 or 109H/109L, 111, 115, 149, 177, 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
Geology 101, 101L, 140, 150 or 150H, 201
Physical Science 117, 118
Physics 109, 210, 217, 279
Science 200

B. Social and Behavioral Sciences (minimum 6 units)

1. American Institutions (minimum 3 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
Criminal Justice 101
Economics 120, 121
Geography 100 or 100H, 102 or 102H
History 101 or 101H, 102 or 102H
Human Development 107, 110
Political Science 101 or 101H
Psychology 100 or 100H
Sociology 100 or 100H

C. Humanities (minimum 3 units)
Anthropology 104 or 104H
Art 103 or 103H, 107, 110
Communications and Media Studies 103, 111
Dance 101 or 101H, 105
English 104 or 104H
Foreign Language: Chinese 101, 102
French 101, 102, 201 or 201H, 202 or 202H
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 and Media Studies 110
English 102 or 102H, 231, 232, 233ABCD, 241,
242, 270, 271, 272
Music 101 or 101H, 102 or 102H, 104, 110, 211
Philosophy 106 or 106H, 108, 112, 118
Sign Language 110, 111, 112, 116
Television/Video Communications 101, 103, 104,
105 or 105H
Theatre Arts 100, 105

D. Cultural Breadth
(Three units required from D1 or D2)

D1. Ethnic Studies/Women’s Studies
Anthropology 104 or 104H, 125
Art 103, 104, 106
Asian American Studies 101
Black Studies 101
Chicano Studies 101
Communication Studies 103 or 103H, 206 or 206H
English 104 or 104H
Ethnic Studies 101 or 101H, 102 or 102H
History 123, 124 or 124H, 125, 127, 146, 150,
151, 153, 163, 161
Human Development 221
Kinesiology, Health Education 102
Literature:
English 245, 246, 278
Music 103
Nutrition & Food 118
Political Science 235
Psychology 170
Sign Language 116
Women’s Studies 101, 102

D2. International Perspective
Anthropology 100 or 100H
Business 106 or 106H
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 units)

1. English Composition (minimum 3 units)
Courses fulfilling the written 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 units)
Includes mathematics, logic, statistics, computer languages and programming and related disciplines.
Communication Studies 102, 140, 145
Computer Science 100, 105, 111
Counseling 144
English 102 or 102H, 103 or 103H
Mathematics 078, 080/081, 105, 140, 145,
150, 160, 167, 170, 180 or 180H, 185,
204, 219 or 219H, 280, 287
Philosophy 110 or 110H, 111, 144
Reading 102, 150
Social Science 219 or 219H

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

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

1. Completion of one of the following:
   Business 130
   Counseling 100, 116, 120, 124, 125, 128
   Fashion Design Merchandising 103
   Human Development 102, 107
   Interdisciplinary Studies 111, 155
   Kinesiology, Health Education 101, 102, 104
   Kinesiology, Professional 125, 140, 160
   Library & Information Studies 100
   Mathematics 030
   Nutrition & Food 115 or 115H
   Philosophy 111
   Psychology 140, 230
   Sociology 112
   Study Skills 109

2. Completion of one of the following:
Kinesiology, Activities 107, 107A, 123, 146, 150,
155, 160, 169, 170, 200, 211, 220A, 220B,
220C, 226, 235, 236, 260, 260A, 260B, 262,
265, 265A, 265B, 290, 292
Kinesiology, Adapted Activities 201, 202, 202A,
202B, 205, 208, 208A, 208B, 211, 211A, 211B
Kinesiology, Aerobic Fitness 140, 143, 144, 146,
146A, 146B, 150, 156, 156A, 156B, 157
Kinesiology, Aquatics 201, 204, 206
Kinesiology, Fitness 100, 101A, 101B, 101C, 102,
115B, 115C, 120A, 120B, 126C, 127A, 127B,
127C, 147A, 147B
Kinesiology, Intercollegiate Athletics 103, 124, 125,
128, 133, 134, 171, 201, 202, 204, 206, 207,
209, 210, 211, 212, 213, 214, 216, 217, 218,
219, 220, 221, 223, 227, 231, 232, 240, 261,
262, 270, 271, 281, 291
Kinesiology, Professional 155, 165, 175, 200

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.

See page 7 for Associate Degree for Transfer
general education information. Plan A is not applicable to Associate Degrees for Transfer.
REQUIREMENTS FOR THE ASSOCIATE IN ARTS FOR TRANSFER (AA-T) OR ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)

California Community Colleges are now offering associate degrees for transfer to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-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 AA-T or AS-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 AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units.

Santa Ana College currently offers numerous Associate Degrees for Transfer. To find out which CSU campuses accept each degree, please meet with a SAC counselor or go to www.adegreewithaguarantee.com/Degrees.

An AA-T or AS-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.

For SAC majors offering an AA-T or AS-T degree students may choose to earn the AA-T or AS-T (option 2) OR an alternate degree(s) for the major (option 1), but not both. Exceptions to this can be made and will be considered for students submitting a Petition for Exception to Academic Regulation.

Requirements

Student completion requirements for the associate degree for transfer:

1. 60 semester or 90 quarter CSU transferable units
2. the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern
3. a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district
4. obtainment of a minimum grade point average (GPA) of 2.0
5. earn a grade of C or better in all courses required for the major or area of emphasis

Santa Ana College currently offers the following Associate Degrees for Transfer:

- Art History
- Business Administration
- Communication Studies
- Early Childhood Education
- Elementary Teacher Education
- Geology
- Journalism
- Kinesiology
- Mathematics
- Music
- Political Science
- Psychology
- Sociology
- Theatre Arts

See the Instructional Programs Section of this catalog for major requirements. Additional degrees were pending approval from the California Community College Chancellor’s Office at the time of catalog addendum publication.
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, B3, 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. (C minus is not acceptable.)

B1: Physical Science
- Astronomy 108, 110 or 110H
- Chemistry 109, 115, 119, 209, 210, 219 or 219H
- Earth Science 110 or 110H, 115, 150 or 150H

B2: Life Science
- Anthropology 101
- Biology 109 or 109H, 109L, 111, 115, 149, 177, 211, 212, 214, 229, 239, 259

B3: Laboratory Activity
- Anthropology 101L
- Astronomy 140
- Biology 109L, 111, 115, 139, 149, 211, 212, 214, 229, 239, 259
- Chemistry 109, 115, 119, 209, 210, 219 or 219H
- Earth Science 115

B4: Mathematics/Quantitative Reasoning
- Mathematics 105, 140, 145, 150, 160, 167, 170, 180 or 180H, 204, 209, 218H, 260
- Social Science 219 or 219H

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
- Communications and Media Studies 103
- Dance 100 or 100H, 102, 105
- English 233A, 233B, 233C, 233D
- Interdisciplinary Studies 121
- Music 101 or 101H, 102 or 102H, 103, 104, 111, 211
- Photography 150
- Television/Video Communications 103, 104
- Theatre Arts 100, 105

C2: Humanities in Literature, Philosophy, Languages Other than English
- Chinese 101, 102
- French 101, 102, 201 or 201H, 202 or 202H
- History 101 or 101H, 102 or 102H, 150, 151, 153, 163
- Interdisciplinary Studies 200
- Japanese 101, 102
- Kinesiology, Professional 170
- Philosophy 106 or 106H, 108, 112, 118
- Sign Language 110, 111, 112, 116
- 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 subareas.

D1: Anthropology and Archeology
- Anthropology 100 or 100H, 103, 104 or 104H, 105, 125
- English 104 or 104H
- History 105, 125

D2: Economics
- Economics 120, 121

D3: Ethnic Studies
- Anthropology 125
- Asian American Studies 101
- Black Studies 101

Chicano Studies 101
Communication Studies 206 or 206H
English 245, 278
Ethnic Studies 101 or 101H, 102 or 102H
History 123, 124 or 124H, 125, 146
Political Science 235
Psychology 170
D4: Gender Studies
Communication Studies 206 or 206H
English 245, 278
History 127, 181
Women’s Studies 101, 102
D5: Geography
Geography 100 or 100H, 102
D6: History
Economics 105, 125
History 101 or 101H, 102 or 102H, 105, 118, 120 or 120H, 121 or 121H, 122, 123, 124 or 124H, 125, 127, 133, 146, 150, 151, 153, 160
D7: Interdisciplinary Social or Behavioral Science
Biology 200
Communication Studies 103 or 103H
Communication and Media Studies 111
Computer Science 100
Counseling 150
Environmental Studies 200
Human Development 107, 110
Interdisciplinary Studies 117H, 155
Kinesiology, Professional 150
Science 200
Television/Video Communications 105 or 105H
D8: Political Science, Government, and Legal Institutions
Political Science 101 or 101H, 200 or 200H, 201, 220, 226, 235
D9: Psychology
Human Development 107
Psychology 100 or 100H, 140, 157, 170, 200, 219, 230, 240, 250
Sociology 240
D10: Sociology and Criminology
Criminal Justice 101
Sociology 100 or 101H, 112, 140 or 140H
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, 122, 123, 124 or 124H, 127, 146. These courses (in bold in D6 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: Communication Studies 104
Counseling 100, 116, 120, 124, 125, 128
Human Development 107, 229
Interdisciplinary Studies 155
Kinesiology, Health Education 101, 102, 104
Kinesiology, Professional 129
Nutrition and Food 115 or 115H
Psychology 140, 157, 230
Sociology 112
Study Skills 109

Kinesiology, Adapted Activities 201, 202, 202A, 202B, 205, 208, 208A, 208B, 211A, 211B
Kinesiology, Aerobic Fitness 140, 145, 146, 146A, 146B, 150, 156, 156A, 156B
Kinesiology, Aquatics 200, 201, 206
Kinesiology, Intercollegiate Athletics 125, 128, 201, 202, 204, 206, 209, 210, 211, 212, 214, 216, 217, 218, 219, 220, 221, 223, 240, 270
INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

PLAN C: 2013-2014

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).

3. Request certification from the last California community college you attend 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 Counseling for deadline for certification.

4. Prior to requesting certification, have all official transcripts on file from every high school and college you have 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 or 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.

7. Courses completed at foreign institutions (without US regional accreditation) are not acceptable for certification of competence in a language other than English.

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 2013 and are valid through Summer 2014.

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)

Group C: Oral Communication (CSU ONLY)
1 course, 3 semester/4-quarter units.
Communication Studies 102, 103** or 103H**, 140, 145

AREA 2A - MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING

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

AREA 3 - ARTS & 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, 108 Communications and Media Studies 103 Dance 100**, or 100H**, 102, 105 Interdisciplinary Studies 212 Music 101** or 101H**, 102** or 102H**, 103, 104, 111, 112 Photography 150 Television/Video Communications 103, 104 Theatre Arts 100, 105

Group B: Humanities (minimum 1 course)

Chinese 102

AREA 4 - SOCIAL & BEHAVIORAL SCIENCES

3 courses, 9 semester/12-15 quarter units from at least 2 disciplines or an interdisciplinary sequence. Anthropology 100** or 104**, 103, 104** or 104H**, 105, 125 Asian American Studies 101 Biology 200 Black Studies 101 Chicanos Studies 101 Communication Studies 206**, or 206H** Communications and Media Studies 111 Criminal Justice 101 Economics 120, 121 English 104** or 104H** Environmental Studies 200 Ethnic Studies 101** or 101H**, 102** or 102H** Geography 100** or 100H**, 102** History 105, 118**, 120** or 120H**, 121**, or 121H**, 122**, 123, 124** or 124H**, 125, 127, 133, 146, 163, 181 Human Development 107** Interdisciplinary Studies 117H, 155 Political Science 101** or 101H**, 200**, or 204H**, 201, 220, 235 Psychology 100** or 100H**, 140, 157**, 170, 200, 219, 230, 240, 250 Science 200 Sociology 100** or 100H**, 140**, or 140H**, 240 TV/Video Communications 105** or 105H** Women’s Studies 101, 102

AREA 5 - PHYSICAL & BIOLOGICAL SCIENCES

At least 2 courses, 7-9 semester/12-18 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)

Group B: Biological Science (1 course)
Anthropology 101 Biology 109** or 109H**, 115, 139**, 177, 211, 212, 214, 223**, 239, 249, 259 Environmental Studies 259

Group C: Laboratory Activity

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: Chinese 101, French 101, Japanese 101, Sign Language 110, Spanish 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 “D” Level exam, 5, 6, or 7 on “A” Level exam; OR satisfactory completion of an achievement test administered by a college in a language other than English equivalent to two years of high school language. If an achievement test is not available a S.A.C 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**, 122**, 123, 124**, 124H**, 125, 127, 133, 146, 183, 181, 200, 201, 220, 255, 255S, 271. 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 (UC requires grades of “B”). UC 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.

** Indicates that transfer credit may be limited by either UC or CSU or both. Please see page 47 of the Catalog for additional information.

*** High School transcript must be on file in the admissions office. Please consult with a counselor for additional information.
### ART DEGREE

**Option 1**

Art Degree (sac.art.aa)

See 2013-2014 Santa Ana College Catalog

**Option 2**

Associate in Arts in Art History for Transfer (sac.arth.aat) *(New effective Fall 2013)*

The Associate in Arts in Art History for Transfer (AA-T) prepares students to move into a curriculum at a four-year institution leading to a baccalaureate degree in Art History. Please consult a counselor regarding specific course requirements for your transfer institution. Completion of the AA-T degree also provides guaranteed admission with junior status to the CSU system, (admission is not guaranteed to a specific major or campus), along with priority admission consideration to the local CSU, Fullerton, in the Art History major. See page 7 for a list of additional requirements for all Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T) degrees. Upon completion of the AA-T in Art History students will be able to: recognize, distinguish and categorize major art achievements and their relationship to history and culture, through formal analysis of art works, comparison and contrast of artistic styles, and general assessment of the cultural diversity of human artistic expressions and their meanings around the world in different eras by means of both oral and written assignments such as oral presentations, written essays, and general exams.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Core (9 units)</strong></td>
<td></td>
</tr>
<tr>
<td>Art 101, Survey of Western Art History I: Prehistory through the Middle Ages</td>
<td>3</td>
</tr>
<tr>
<td>Art 102, Survey of Western Art History II: Renaissance through the Twentieth Century</td>
<td>3</td>
</tr>
<tr>
<td>Art 130, Introduction to Drawing</td>
<td>3</td>
</tr>
<tr>
<td><strong>List A: Select One Course (3 units)</strong></td>
<td></td>
</tr>
<tr>
<td>Art 103, African Art History (3)</td>
<td>3</td>
</tr>
<tr>
<td>Art 104, Mexican and Chicano Art History (3)</td>
<td>3</td>
</tr>
<tr>
<td>Art 106, Asian Art History (3)</td>
<td></td>
</tr>
<tr>
<td><strong>List B: Select One Course (3 units)</strong></td>
<td></td>
</tr>
<tr>
<td>Art 110, Two-Dimensional Design (3)</td>
<td></td>
</tr>
<tr>
<td>Art 111, Three-Dimensional Design (3)</td>
<td></td>
</tr>
<tr>
<td>Art 131, Beginning Life Drawing (3)</td>
<td>3</td>
</tr>
<tr>
<td>Art 151, Ceramics-Introductory Level (3)</td>
<td></td>
</tr>
<tr>
<td>Art 195, Introduction to Digital Media Arts (3)</td>
<td></td>
</tr>
<tr>
<td>Photography 180, Beginning Photography (3)</td>
<td></td>
</tr>
<tr>
<td><strong>List C: select one Course (3 units)</strong></td>
<td></td>
</tr>
<tr>
<td>Any course from List A or B not already used.</td>
<td></td>
</tr>
</tbody>
</table>

#### BUSINESS DEGREE

**Option 1**

Business Administration Degree (sac.bus.aa)

See 2013-2014 Santa Ana College Catalog

**Option 2**

Associate in Science in Business Administration for Transfer (sac.bus.ast) *(New effective Fall 2013)*

The Associate in Science in Business Administration for Transfer (AS-T) prepares students to move into the CSU system leading to a baccalaureate degree in Business Administration. Please consult a counselor regarding specific course requirements for your transfer institution. Completion of the AS-T degree also provides guaranteed admission with junior status to the CSU system, although does not guarantee acceptance to a particular campus or major. See page 7 for a list of additional requirements for all Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T) degrees. Upon completion of the AS-T in Business Administration, students will have a general understanding of business fundamentals, including the areas of accounting, economics, and computer information systems. In addition, they will have an understanding of the legal environment of business, and will have sufficient understanding of mathematical concepts to enable them to successfully pursue a baccalaureate degree. The AS-T degree in Business Administration is also appropriate for students whose vocational plans include careers in business fields such as accounting, computer information systems, finance, management, marketing and other business fields.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Core (17 units)</strong></td>
<td></td>
</tr>
<tr>
<td>Accounting 101, Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>Accounting 102, Managerial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>Economics 120, Principles/Macro</td>
<td>3</td>
</tr>
<tr>
<td>Economics 121, Principles/Micro</td>
<td>3</td>
</tr>
<tr>
<td>Business 101, Business Law</td>
<td>3</td>
</tr>
<tr>
<td>Business 105, Legal Environment of Business</td>
<td></td>
</tr>
<tr>
<td><strong>List A: Select one of the following courses (4 units)</strong></td>
<td></td>
</tr>
<tr>
<td>Mathematics 145, Finite Mathematics (4)</td>
<td></td>
</tr>
<tr>
<td>Mathematics 150, Calculus for Biological, Management and Social Sciences (4)</td>
<td></td>
</tr>
<tr>
<td>Mathematics 180, Analytic Geometry and Calculus (4)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 180H, Honors Analytic Geometry and Calculus (4)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 219, Statistics and Probability (4)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 219H, Honors Statistics and Probability (4)</td>
<td>4</td>
</tr>
<tr>
<td>Social Science 219, Statistics and Probability (4)</td>
<td></td>
</tr>
<tr>
<td>Social Science 219H, Honors Statistics and Probability (4)</td>
<td></td>
</tr>
<tr>
<td><strong>List B: Select two courses from the list below, or from any course from List A that has not already been used. (6-8 units)</strong></td>
<td></td>
</tr>
<tr>
<td>Bus 150, Introduction to Information Systems and Applications (3)</td>
<td>6-8</td>
</tr>
<tr>
<td>Computer Science 100, The Computer and Society (3)</td>
<td></td>
</tr>
<tr>
<td>Bus 100, Fundamentals of Business (3)</td>
<td></td>
</tr>
<tr>
<td>Bus 222, Business Writing (3)</td>
<td></td>
</tr>
</tbody>
</table>

Total Units 27-29
COMMUNICATIONS AND MEDIA STUDIES DEGREE

Option 1(A)
Degree Program A—Communications and Media Studies Emphasis (sac.cmsda.aa)

See 2013-2014 Santa Ana College Catalog

Option 1(B)
Degree Program B—Broadcast Communications and Media Studies Emphasis (sac.cmsdb.aa)

See 2013-2014 Santa Ana College Catalog

Option 2
Associate in Arts in Journalism for Transfer (sac.cmsd.aat) (New effective Fall 2013)

The Associate in Arts in Journalism for Transfer (AA-T Journalism) prepares students to move into the CSU system leading to a baccalaureate degree in Journalism, and then into careers in daily reporting, media editing, writing, Web-based multimedia reporting, visual reporting, photography, print and digital design, public relations, advertising, radio, digital media and television writing and production. Please consult a counselor regarding specific course requirements for your transfer institution. Completion of the AA-T Journalism degree also provides guaranteed admission with junior status to the CSU system, (admission is not guaranteed to a specific major or campus), along with priority admission consideration to a local CSU. See page 7 for a list of additional requirements for all Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T) degrees. Upon completion of the AA-T in Journalism, students will be able to define legal and ethical media issues at the final level of a traditional lower division Journalism sequence. Through news production, students will demonstrate proficiency in developing effective designs and layouts for story presentation, develop news stories through written, visual, audio, video or other multimedia formats, determine the best format—print, multimedia, visual—for telling basic news stories, and build a portfolio that demonstrates a range of storytelling formats and styles, and navigate content management software used to create online publications.

List B: select 2 courses from the following: (6-8 units)
1. Communications and Media Studies 111, Media, Race and Gender (3)
2. Communications and Media Studies 140, Argumentation and Debate
3. Communications and Media Studies 298A, Designing for Print and Digital Media (3)
4. Counseling 144, Reasoning and Problem Solving (3) — OR — Philosophy 144, Reasoning and Problem Solving (3) — OR —
5. Reading 150, Critical Reading (3)
6. Economics 120, Principles/Macro (3) — OR — Economics 121, Principles/Micro (3)
7. English 102, Literature and Composition (4) — OR — English 102H, Honors Literature and Composition (4) 6-8
8. English 103, Critical Thinking and Writing (4) — OR — English 103H, Honors Critical Thinking and Writing (4)
9. Philosophy 110, Critical Thinking (4) — OR — Philosophy 110H, Honors Critical Thinking (4)
12. Philosophy 111, Introductory Logic (4)
13. Photography 180, Beginning Photography (3)
14. Political Science 101, Introduction to American Governments (3) — OR — Political Science 101H, Honors Introduction to American Governments (3)
15. Political Science 291, Introduction to Comparative Politics (3)

Total Units 19-22

GEOLOGY DEGREE

Option 1
Geology Degree (sac.geol.aa)

See 2013-2014 Santa Ana College Catalog

Option 2
Associate in Science in Geology for Transfer (sac.geol.ast) (New effective Fall 2013)

The Associate in Arts in Geology for Transfer (AS-T) prepares students to move into a curriculum at a four-year institution leading to a baccalaureate degree in Geology. Please consult a counselor regarding specific course requirements for your transfer institution. Completion of the AS-T degree also provides guaranteed admission with junior status to the CSU system, along with priority admission to the local CSU, Fullerton, in the Geology major. See page 7 for a list of additional requirements for all Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T) degrees. Upon completion of the AS-T in Geology students will have a foundation necessary for continued training at the upper division level for geology majors. It is a starting point for students who are preparing for careers in education, geoscience research, and government, where scientific and technical skills are in great demand.
Courses

Required Core (26 units)
Geology 101, Introduction to Geology 3
Geology 101L, Introduction to Geology Laboratory 1
Geology 201, Introduction to Historical Geology 4
Chemistry 219, General Chemistry 5
Chemistry 219H, Honors General Chemistry 5
Chemistry 229, General Chemistry and Qualitative Analysis 5
Mathematics 180, Analytic Geometry and Calculus 4
Mathematics 180H, Honors Analytic Geometry and Calculus 4
Mathematics 185, Analytic Geometry and Calculus 4

Total Units 26

KINESIOLOGY DEGREE

Option 1
Kinesiology Degree (sac.kin.aa)
See 2013-2014 Santa Ana College Catalog

Option 2
Associate in Arts in Kinesiology for Transfer (sac.kin.aat) (New effective Fall 2013)
The proposed Associate in Arts in Kinesiology for Transfer (AA-T in Kinesiology) is designed to prepare students for transfer into the CSU system to complete a baccalaureate degree in Kinesiology or similar major. Please consult a counselor regarding specific course requirements for your transfer institution. Upon completion of the AA-T in Kinesiology degree students will be able to articulate understanding of scientific foundations of Kinesiology, distinguish between Kinesiology-related careers, and demonstrate movement skills competence. Students will gain knowledge and movement-based experience which prepares them in pursuit of a bachelor’s or master’s degree and or professional certification in exercise science, nutrition, health promotion, sports medicine/athletic training, physical therapy, and coaching or fitness related fields.

Courses

Required Core (14 units)
Kinesiology Professional 101, Introduction to Kinesiology 3
Biology 239, General Human Anatomy 4
Biology 249, Human Physiology 4

Movement Based Courses: Select a maximum of one (1) course from any three (3) of the following areas for a total of three units.

Area 1 Aquatics
- Kinesiology Aquatics 201, Swimming (1)
- Kinesiology Aquatics 206, Lap Swimming (1)

Area 2 Combatives
- Kinesiology Activities 140, Karate (1)
- Kinesiology Activities 155, Self-Defense (1)

Area 3 Dance
- Dance 110, Beginning Mexican Folk Dance (1)
- Dance 111, Intermediate Mexican Folk Dance (1)

Area 4 Fitness
- Kinesiology Activities 170, Yoga (1)
- Kinesiology Fitness 147A, Beginning Weight Training (1)
- Kinesiology Aerobic Fitness 140, Walking/Jogging for Fitness (1)
- Kinesiology Aerobic Fitness 156, Beginning Cardio Kickboxing (1)
- Kinesiology Aerobic Fitness 157, Cardio Pump (1)

Area 5 Individual Sports
- Kinesiology Activities 107, Beginning Badminton (1)
- Kinesiology Activities 160, Tennis (1)

Area 6 Team Sports
- Kinesiology Activities 220, Beginning Basketball (1)
- Kinesiology Activities 260, Soccer-Beginning/Intermediate (1)
- Kinesiology Activities 290, Volleyball (1)
- Kinesiology Activities 292, Advanced Volleyball-Women (1)

HUMAN DEVELOPMENT DEGREE

Option 1
Early Childhood Options Degree and Certificate
See 2013-2014 Santa Ana College Catalog

Option 2
Associate in Science in Early Childhood Education for Transfer (sac.ece.ast) (New effective Fall 2013)
The Associate in Science in Early Childhood Education for Transfer (AS-T in Early Childhood Education) prepares students to move into careers for the development, planning, and evaluation of programs for young children based on observation of their physical, cognitive, emotional, social and creative characteristics. Upon completion of the AS-T in Early Childhood Education degree also provides guaranteed admission with junior status to the CSU system, along with priority admission to the local CSU, Fullerton, in the Child and Adolescent Development major.

Courses

Required Core (24.5 units)
Human Development 107, Child Growth and Development (DS1) 3
Human Development 108A, Observation and Assessment for Early Learning and Development 3
Human Development 110, Child, Family and Community (DS2) 3
Human Development 111A, Principles and Practices of Teaching Young Children 3
Human Development 111B, Introduction to Curriculum for Young Children 3
Human Development 112, Health, Safety and Nutrition for Children 3
Human Development 221, Teaching In A Diverse Society 3
Human Development 298A, Practicum in Early Childhood Programs 3.5

Total Units 24.5
Mathematics 185, Analytic Geometry and Calculus (4)
Mathematics 180H, Honors Analytic Geometry and Calculus (4)
Social Science 219, Statistics and Probability (4)
Social Science 219H, Honors Statistics and Probability (4)
2. Chemistry 210, General, Organic and Biochemistry (5)
Chemistry 219, General Chemistry (5)
Chemistry 219H, Honors General Chemistry (5)
3. Physics 279, College Physics I (4)
Physics 210, Principles of Physics I (4)
Physics 217, Engineering Physics I (4)
4. Kinesiology Health Education 105, First Aid and Personal Safety (1.5)
Kinesiology Health Education 107 Cardiopulmonary Resuscitation (2)

Total Units 20-21

Mathematics Degree

Option 1
Mathematics Degree (sac.math.aa)
See 2013-2014 Santa Ana College Catalog

Option 2
Associate in Science in Mathematics for Transfer (sac.math.ast) (New effective Fall 2013)
The Associate in Science in Mathematics for Transfer (AS-T in Mathematics) prepares students to move into the CSU system leading to a baccalaureate degree in Mathematics. Employment opportunities are available as mathematicians in government, industry, education, technology, gaming and healthcare. Please consult a counselor regarding specific course requirements for your transfer institution. Successful completion of the AS-T in Mathematics degree also provides guaranteed admission with junior status to the CSU system, along with priority completion of the AS-T in Mathematics degree also provides guaranteed admission with junior status to the CSU system. See page 7 for a list of additional requirements for all Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AA-S) degrees. Upon completion of the AS-T in Mathematics, students will be able to demonstrate an understanding of music theory, harmony and musicianship at the final level of a traditional lower division music sequence. Through public performance, students will demonstrate proficiency on their primary instrument (or voice) that will allow them to perform accurately and musically within a large ensemble and in a solo setting. Upon application to music programs at four-year institutions, students will need to pass an audition for acceptance as well as pass skills tests for placement into music theory, musicianship and piano classes. This transfer degree prepares students for this audition and placement test process at California State University Fullerton, California State University Long Beach, and other local four-year institutions.

Note: Although this Transfer Curriculum may provide sufficient preparation for some general Bachelor of Arts programs in Music, it is recommended that students supplement these degree requirements with four semesters of piano (Music 161, 162, 163, 164), one music history class (Music 101 or Music 211), and one technology class (Music 142 or Music 146) if they intend to transfer into Bachelor of Music programs in Performance, History and Literature, Music Education, or Composition. Please consult a SAC counselor for course requirements for particular four-year institutions.

Courses
Required Core (12 units)
Mathematics 180, Analytic Geometry and Calculus (4) 4
Mathematics 180H, Honors Analytic Geometry and Calculus (4) 4
Mathematics 185, Analytic Geometry and Calculus 4
Mathematics 280, Intermediate Calculus 4
List A: Select one course from the following: (5 units)
Mathematics 287, Introduction to Linear Algebra and Differential Equations (5) 5
List B: Select one course from the following: (3-4 units)
Computer Science 129, Introduction to Computer Organization (4)
Computer Science 112, Java Programming (3)
Computer Science 120, Introduction to Programming (3)
Computer Science 121, Programming Concepts (3) 3-4
Computer Science 131, Data Structures Concepts (3)
Computer Science 141, UNIX Operating System (3)
Computer Science 213, C# Programming (3)
Physics 217, Engineering Physics I (4)

Total Units 20-21

MUSIC DEGREE

Option 1
Music Degree (sac.mus.aa)
See 2013-2014 Santa Ana College Catalog

Option 2
Associate in Arts in Music for Transfer (sac.mus.aat) (New effective Fall 2013)
The Associate in Arts in Music for Transfer (AA-T) prepares students to move into a curriculum at a four-year institution leading to a baccalaureate degree in music, and then into careers in public and private teaching, professional performance, church music, music therapy, composition, arranging and orchestration. Please consult a counselor regarding specific course requirements for your transfer institution. Completion of the AA-T degree also provides guaranteed admission with junior status to the CSU system. See page 7 for a list of additional requirements for all Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AA-S) degrees. Upon completion of the AA-T in Music, students will be able to demonstrate an understanding of music theory, harmony and musicianship at the final level of a traditional lower division music sequence. Through public performance, students will demonstrate proficiency on their primary instrument (or voice) that will allow them to perform accurately and musically within a large ensemble and in a solo setting. Upon application to music programs at four-year institutions, students will need to pass an audition for acceptance as well as pass skills tests for placement into music theory, musicianship and piano classes. This transfer degree prepares students for this audition and placement test process at California State University Fullerton, California State University Long Beach, and other local four-year institutions.

Note: Although this Transfer Curriculum may provide sufficient preparation for some general Bachelor of Arts programs in Music, it is recommended that students supplement these degree requirements with four semesters of piano (Music 161, 162, 163, 164), one music history class (Music 101 or Music 211), and one technology class (Music 142 or Music 146) if they intend to transfer into Bachelor of Music programs in Performance, History and Literature, Music Education, or Composition. Please consult a SAC counselor for course requirements for particular four-year institutions.

Courses
Required Core (24 units)
Music 111, Basic Music Theory and Musicianship 4
Music 112, Music Theory and Musicianship II 4
Music 114A, Music Theory 1
Music 114B, Musicianship 1
Music 115A, Applied Music (Private Instruction) 1
Music 115B, Applied Music (Private Instruction) 1
Music 115C, Applied Music (Private Instruction) 1
Music 115D, Applied Music (Private Instruction) 1
Music 213, Theory 3
Music 214, Theory 4
Ensembles, 1 unit required for each of 4 semesters* 4

Total Units 24

*The ensemble course units may be chosen from the following list (take one ensemble four times or select different ensembles to meet this requirement):

Music 135, Concert Chorale 1
Music 137, Chamber Choir 1
Music 171, Concert Band 1
Music 175, Jazz Ensemble 1
Music 181, Chamber Orchestra 1
Music 271, Symphonic Band 1
## COURSE IDENTIFICATION NUMBERING SYSTEM (C-ID)

The Course Identification Numbering System (C-ID) is a statewide numbering system independent from the course numbers assigned by local California community colleges. A C-ID number next to a course signals that participating California colleges and universities have determined that courses offered by other California community colleges are comparable in content and scope to courses offered on their own campuses, regardless of their unique titles or local course number. Thus, if a schedule of classes or catalog lists a course bearing a C-ID number, for example COMM 110, students at that college can be assured that it will be accepted in lieu of a course bearing the C-ID COMM 110 designation at another community college. In other words, the C-ID designation can be used to identify comparable courses at different community colleges. However, students should always go to www.assist.org to confirm how each college’s course will be accepted at a particular four-year college or university for transfer credit.

The C-ID numbering system is useful for students attending more than one community college and is applied to many of the transferable courses students need as preparation for transfer. Because these course requirements may change and because courses may be modified and qualified for or deleted from the C-ID database, students should always check with a counselor to determine how C-ID designated courses fit into their educational plans for transfer.

Students may consult the ASSIST database at www.assist.org for specific information on C-ID course designations. Counselors can always help students interpret this information.

### C-ID | SAC COURSE
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ACCT 110 | ACCT 101, Financial Accounting
AJ 110 | CJ 101, Introduction to Criminal Justice
AJ 120 | CJ 103, Concepts of Criminal Law
AJ 122 | CJ 107, Principles and Procedures in the Criminal Justice System
AJ 150 | CJ 108, Crime Scene Investigation
AJ 200 | CJ 102, Introduction to Corrections
AJ 220 | CJ 220, Juvenile Delinquency and Control
CDEV 100 | HUD 107, Child Growth and Development
CDEV 110 | HUD 110, Child, Family and Community (DS2)
COMM 120 | CMST 140, Argumentation and Debate
COMM 130 | CMST 101 or CMST 101H, Introduction to Interpersonal Communication or Honors Introduction to Interpersonal Communication
COMP 132 | CMPR 131, Data Structures Concepts
COMP 142 | CMPR 129, Introduction to Computer Organization
ECE 120 | HUD 111A, Principles and Practices of Teaching Young Children
ECE 200 | HUD 108A, Observation and Assessment for Early Learning and Development
ECE 210 | HUD 298A, Practicum in Early Childhood Programs
ECE 220 | HUD 112, Health, Safety and Nutrition for Children
ECE 230 | HUD 221, Teaching in a Diverse Society
ENGL 100 | English 101 or 101H, Freshman Composition or Honors Freshman Composition
ENGL 105 | English 103 or 103H, Critical Thinking and Writing or Honors Critical Thinking and Writing
GEOG 111 | GEOG 101L, Physical Geography Laboratory
GEOG 120 | GEOG 102, Cultural Geography
JOUR 100 | TELV 105 or TELV 105H, Mass Media and Society or Honors Mass Media and Society
JOUR 110 | CMST 121, Introduction to Reporting and Newswriting
JOUR 130 | CMST 123A, News Media Production
JOUR 160 | CMST 160, Introduction to Photojournalism
JOUR 170 | CMST 103, Introduction to Visual Communication
JOUR 210 | CMST 210, Intermediate Reporting and Newswriting
KIN 100 | KNPR 101, Introduction to Kinesiology
KIN 101 | KNHE 105 + KNHE 107, First Aid and Personal Safety + Cardiopulmonary Resuscitation

### C-ID | SAC COURSE
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MATH 900S | MATH 180 + MATH 185, Analytic Geometry and Calculus + Analytic Geometry and Calculus
MUS 100 | Music 101 or 101H, Music Appreciation or Honors Music Appreciation
MUS 120 | Music 111, Basic Music Theory and Musician ship I
MUS 125 | Music 111, Basic Music Theory and Musician ship I
MUS 130 | Music 112, Music Theory and Musician ship II
MUS 135 | Music 112, Music Theory and Musician ship II
MUS 140 | Music 213, Theory 3
MUS 145 | Music 114A, Musician ship
MUS 150 | Music 214, Theory 4
MUS 155 | Music 114B, Musician ship
MUS 160 | Music 115A, Applied Music (Private Instruction)
MUS 160 | Music 115B, Applied Music (Private Instruction)
PHIL 110 | PHIL 111, Introductory Logic
PHYS 205 | PHYS 217, Engineering Physics I
PHYS 210 | PHYS 227, Engineering Physics II
SOCI 110 | SOC 100 or 100H, Introduction to Sociology or Honors Introduction to Sociology
SOCI 115 | SOC 140 or SOC 140H, Analysis of Social Trends and Problems or Honors Analysis of Social Trends and Problems
SOCI 130 | SOC 112, Relationships, Marriages, and Family Dynamics
THTR 111 | THEA 100, Introduction to Theatre
THTR 171 | THEA 131, Stagecraft
THTR 173 | THEA 133, Stage Lighting
THTR 175 | THEA 132, Stage Makeup
THTR 191 | THEA 150 or THEA 152 or THEA 155, Theatre Production or Tour Ensemble or Children’s Theatre Ensemble
THTR 192 | THEA 135 or THEA 150, Technical Production or Theatre Production
ADDENDUM TO ANNOUNCEMENT OF COURSES

MATHEMATICS (MATH)

Mathematics 078
Math for Engineers, I
Unit(s): 7.0
Class Hours: 144 Lecture total.
Prerequisite: Math 060 or 061 with a grade of C or better; or placement into Math 080 or 081 on the mathematics level 2 placement exam and a course equivalent to Mathematics 060 or 061.
Basic Euclidean geometry combined with a second course in algebra. Topics from Basic Euclidean Geometry include: concepts of lines, planes, triangles, congruence, proofs, inequalities, parallel lines, similarity, areas, and volumes. Topics from Algebra include: systems of equations, inequalities, graphs and functions, radicals, quadratic polynomials, rational expressions, exponential and logarithmic functions, and problem solving.

Mathematics 167
Math for Engineers, II
Unit(s): 7.0
Class Hours: 144 Lecture total.
Prerequisite: Mathematics 078 with a grade of C or better; or, with instructor approval, placement in Mathematics 160 with the level 3 exam and courses equivalent to Mathematics 060 or 061.
Basic Euclidean geometry combined with a second course in algebra. Topics from Basic Euclidean Geometry include: concepts of lines, planes, triangles, congruence, proofs, inequalities, parallel lines, similarity, areas, and volumes. Topics from Algebra include: systems of equations, inequalities, graphs and functions, radicals, quadratic polynomials, rational expressions, exponential and logarithmic functions, and problem solving.

ACCOUNTING (ACCT)

Accounting 101 (C-ID ACCT 110)
Financial Accounting
Unit(s): 4.0
Class Hours: 64 Lecture total.
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.

Accounting 102
Managerial Accounting
Unit(s): 4.0
Class Hours: 64 Lecture total.
Prerequisite: Accounting 101.
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.

ART (ART)

Art 101
Survey of Western Art History I: Prehistory Through the Middle Ages
Unit(s): 3.0
Class Hours: 48 Lecture total.
The study of art from Prehistory through Middle Ages. Cultures and Civilizations are studied through visual imagery, lecture, class discussion, reading, research and field trips. Recommended sequence of courses: Art 100, Art 101, Art 102.

Art 102
Survey of Western Art History II: Renaissance Through the Twentieth Century
Unit(s): 3.0
Class Hours: 48 Lecture total.
The study of Western art history from the Renaissance through the 20th century. Art movements and individual painters, sculptors, architects and printmakers will be presented within the context of the social, political and intellectual histories of their respective periods. Required for art majors.

Art 103
African Art History
Unit(s): 3.0
Class Hours: 48 Lecture total.
History and appreciation of the arts of Africa and The Diaspora. Examines the continent of Africa within socio-political, aesthetic and religious cultural contexts and the impact of African art on Western art in Europe and the Americas.

Art 104
Mexican and Chicano Art History
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

Art 105
History of Modern Art
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

Art 106
Asian Art History
Unit(s): 3.0
Class Hours: 48 Lecture total.
Historical survey of the visual arts of China, Japan, India and Southeast Asia. Includes relationship of Far Eastern philosophy and culture to artistic achievement. Emphasizes works of art, in terms of style, technique and content.

Art 108
Contemporary Art History: Art Since Mid-Century
Unit(s): 3.0
Class Hours: 48 Lecture total.
A survey course exploring post World War II styles, trends, ideas and innovations in architecture and the visual arts in Europe and North America.

Art 110
Two-Dimensional Design
Unit(s): 3.0
Class Hours: 32 Lecture, 64 Laboratory total.
Introduction to the principles and elements of two-dimensional design. Provides instruction in the fundamentals of visual communication including color theory, composition, and expression. Application of concepts through creative projects. Required for art majors.
Unit(s): 3.0
Introduction to Digital Media Arts
Art 195
Class Hours: 32 Lecture, 64 Laboratory total.
Fundamentals of visual organization as applied to objects in-the-round. Visual space problems, structure and dimensional terminology through creative projects in various media. Required for art majors.

Unit(s): 3.0
Introduction to Drawing
Art 130
Class Hours: 32 Lecture, 64 Laboratory total.
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.

Unit(s): 3.0
Beginning Life Drawing
Art 131
Class Hours: 32 Lecture, 64 Laboratory total.
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.

Unit(s): 3.0
Ceramics-Introductory Level
Art 151
Class Hours: 32 Lecture, 64 Laboratory total.
Exploration of clay as a structural and creative material. Experiences include throwing on the potter’s wheel and hand building. Instruction includes surface design, glazing, and experience in utilitarian forms. Students provide clay and tools.

Unit(s): 3.0
Introduction to Digital Media Arts
Art 195
Class Hours: 48 Lecture, 16 Laboratory total.

**BIOLOGY (BIOL)**

**Biology 239**
General Human Anatomy
Unit(s): 4.0
Class Hours: 48 Lecture, 48 Laboratory total.
Structure of the human body. Systems, organs, and tissues are studied from human skeletons, models, charts, slides and CD-ROM programs. Laboratory includes the dissection of a cat; and periodic demonstrations of a prospected cadaver as available.

**Biology 249**
Human Physiology
Unit(s): 4.0
Class Hours: 48 Lecture, 48 Laboratory total.
Prerequisite: Biology 239 or similar Human Anatomy course.

- Microscopic, macroscopic and dynamic view of the human physiological processes. The lecture portion includes a thorough consideration of both “cell and systems” physiology. Laboratory work includes the use of techniques used in basic research, an introduction to the use of standard medical equipment and the performance of medical laboratory tests.
- Non-invasive experiments are performed on students enrolled in the class.

**BUSINESS (BUS)**

**Business 100**
Fundamentals of Business
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

**Business 101**
Business Law
Unit(s): 3.0
Class Hours: 48 Contact total.
Legal fundamentals important in commerce and personal business transactions. Includes a study of types of law, the courts, torts, contracts, sales and commercial paper.

**Business 105**
Legal Environment of Business
Unit(s): 3.0
Class Hours: 48 Lecture total.
A study of the courts, torts (including product liability), crimes, contracts, employment, partnerships, corporations, government regulation, and international law.

**Business 150**
Introduction to Information Systems And Applications
Unit(s): 3.0
Class Hours: 48 Lecture total.
Introduction to computer concepts and management information systems. Application software will be used to solve business problems.

**CHEMISTRY (CHEM)**

**Chemistry 219**
General Chemistry
Unit(s): 5.0
Class Hours: 48 Lecture, 96 Laboratory total.
Prerequisite: Mathematics 080 or 081 and Chemistry 209 or Mathematics 080 or 081 and a passing score on current chemistry placement test. All courses must be completed with a grade of C or better.
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.

**Chemistry 219H**
Honors General Chemistry
Unit(s): 5.0
Class Hours: 48 Lecture, 96 Laboratory total.
Prerequisite: Mathematics 080 or 081 and Chemistry 209 or Mathematics 080 or 081 and a passing score on current chemistry placement test. All courses must be completed with a grade of C or better. 3.0 cumulative GPA. Transcripts required to verify prerequisite:

- Enriched and intensive study, including seminar approach, of 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.
Chemistry 229  
General Chemistry and Qualitative Analysis  
Units: 5.0  
Class Hours: 48 Lecture, 96 Laboratory total.  
Prerequisite: Chemistry 219 with a grade of C or higher.  
Continuation of Chemistry 219, including but not limited to ionic equilibrium, acid and base equilibrium, thermodynamics, electrochemistry, nuclear chemistry, organic chemistry and descriptive chemistry.

COMMUNICATION STUDIES (CMST)

Communication Studies 101  
Introduction to Interpersonal Communication  
Units: 3.0  
Class Hours: 48 Lecture total.  
Introduction to communication theory, listening, perception, language usage, non-verbal communication, and conflict management. Recommended for students who have completed or are currently enrolled in English 101.

Communication Studies 101H  
Honors Introduction to Interpersonal Communication  
Units: 3.0  
Class Hours: 48 Lecture total.  
Prerequisite: A high school or college GPA of 3.0 or above.  
Introduction to communication theory, listening, perception, language usage, non-verbal communication and conflict management. An enriched approach designed for honors students. Seminar mode stresses the development of analytical thinking, writing, and speaking skills. Completion or concurrent enrollment in English 101 recommended.

Communication Studies 140  
Argumentation and Debate  
Units: 3.0  
Class Hours: 48 Lecture total.  
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.

Communications & Media Studies (CMSD)

Communications & Media Studies 103  
(C-ID JOUR 170)  
Introduction to Visual Communications  
Units: 3.0  
Class Hours: 48 Lecture total.  
This multimedia course explores the social, cultural and historical implications of visual communications from Gutenberg’s printing press to present day digital media. Using works of philosophical, historical and cultural importance students will analyze and debate the changes in the way visual communications affect society, and shape cultural values.

Communications & Media Studies 111  
Media, Race and Gender  
Units: 3.0  
Class Hours: 48 Lecture total.  
This multimedia course is an overview of the social and cultural implications of mass media on race and gender from the 1920s to the present. Using works of philosophical and cultural importance students will analyze and debate the changes in the faces of media with particular focus on social class, gender and ethnicity.

Communications & Media Studies 121  
(C-ID JOUR 110)  
Introduction to Reporting and Newswriting  
Units: 3.0  
Class Hours: 48 Lecture total.  
An introduction to evaluating, gathering, and writing news across multiple platforms under newsroom conditions. Includes role of the journalist in a multi-media environment and the legal and ethical issues related to reporting. Writing experiences include: web-based and multi-media reporting, interviewing techniques, research methods, application of media law, writing under deadline and use of AP Style.

Communications & Media Studies 123A  
(C-ID JOUR 130)  
News Media Production  
Units: 4.0  
Class Hours: 64 Lecture, 160 Laboratory total.  
A production-based course designed around a functioning media organization, providing students practical training in print, digital and Web-based media through work as members of the campus news magazine el Don and its website eldonnews.org. Students utilize a digital laboratory to gain practical experience in a variety of disciplines, including writing, editing, design, photography, audio, visual, multimedia and emerging technologies. Arranged laboratory hours (TBA) 10 hours per week.

Communications & Media Studies 123B  
Intermediate News Media Production  
Units: 4.0  
Class Hours: 64 Lecture, 160 Laboratory total.  
An intermediate level production-based course designed around a functioning media organization, providing students practical training in print, digital and web-based media through work as members of the campus news magazine el Don and its website eldonnews.org. Students utilize a digital laboratory to gain practical experience in a variety of disciplines, including writing, editing, design, photography, audio, visual, multimedia and emerging technologies. Completion of CMSD 123A is required. Arranged laboratory hours (TBA) 10 hours per week.

Communications & Media Studies 160  
(C-ID JOUR 160)  
Introduction to Photojournalism  
Units: 3.0  
Class Hours: 48 Lecture total.  
Explores the photographer as a journalist, focusing on theory and practice in press and publications photography, with emphasis on using the camera as a reporting and communications tool. Stresses news, feature photography and photographic essays, including composition, impact, and creativity, for newspapers, magazines, Internet and other mass communications media.

Communications & Media Studies 210  
(C-ID JOUR 210)  
Intermediate Reporting and Newswriting  
Units: 3.0  
Class Hours: 48 Lecture total.  
Prerequisite: CMSD 121 with a minimum grade of C.  
This course is a continuation of Introduction to Newswriting and Reporting, and focuses on coverage of public affairs reporting, including local and regional government, police, courts, school, and city boards. It includes both on- and off-campus reporting and writing, stressing news presentation for a variety of media purposes through multiple platforms.

Communications & Media Studies 298A  
Designing for Print and Digital Media  
Units: 3.0  
Class Hours: 48 Lecture, 48 Laboratory total.  
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.
**COMPUTER SCIENCE (CMPR)**

**Computer Science 100**
The Computer and Society  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
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.

**Computer Science 112**
Java Programming  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
Study of the Java language, its features and applications.

**Computer Science 120**
Introduction to Programming  
Unit(s): 3.0  
Class Hours: 48 Lecture, 16 Laboratory total.  
Prerequisite: Mathematics 080 or 081.  
Introduction to programming concepts including data types, mathematical operations, elementary input/output, and the basic control structures of sequence, selection, iteration and functions. Program design techniques utilizing structured and object-oriented methodologies will be emphasized.

**Computer Science 121**
Programming Concepts  
Unit(s): 3.0  
Class Hours: 48 Lecture, 16 Laboratory total.  
Prerequisite: Computer Science 120.  
Continuing introduction to programming concepts, development of algorithms utilizing functions, classes and the primary control structures. Program I/O; strings and arrays; data types; classes and objects. Documentation techniques.

**Computer Science 129 (C-ID COMP 142)**
Introduction to Computer Organization  
(Formerly: Computer Science 111)  
Unit(s): 4.0  
Class Hours: 64 Lecture total.  
Presents the organization and structure of computers at hardware and software levels: analysis and synthesis of combinatorial and sequential logic, data representation and manipulation, language structures and translation, and process administration and management. Recommended preparation: Computer Science 121 or equivalent.

**Computer Science 131 (C-ID COMP 152)**
Data Structures Concepts  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
Prerequisite: Computer Science 121.  
Application of simple Data Structures Concepts (ADT's) including linked structures, stacks, queues and trees. Use of pointers, recursion, sorting algorithms, classes and object-oriented programming to implement data structures.

**Computer Science 141**  
Unix Operating System  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
Introduction to computer operations using the UNIX and Linux operating systems. Includes the file system, shell programming and filters. Recommended preparation: Computer Science 121.

**Computer Science 213**
C# Programming  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
Study of the C# programming. Topics covered include the .NET environment, object oriented programming including inheritance and polymorphism, and writing graphical user interfaces. Completion of Computer Science 121 is recommended.

**COUNSELING (CNSL)**

**Counseling 144**
Reasoning and Problem Solving  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
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. (Same as Philosophy 144.)

**DANCE (DNCE)**

**Dance 110**
Beginning Mexican Folk Dance  
Unit(s): 1.0  
Class Hours: 8 Lecture, 24 Laboratory total.  
Introduces techniques, forms and regional/historical backgrounds of dances from various regions of Mexico. Students will perform at least 3 different traditional dances.

**Dance 111**
Intermediate Mexican Folk Dance  
Unit(s): 1.0  
Class Hours: 8 Lecture, 24 Laboratory total.  
Continued study of techniques, forms and regional/historical backgrounds of dances from various regions of Mexico. Students will perform at least 3 different and more complex traditional dances. Dance 110 recommended.

**ECONOMICS (ECON)**

**Economics 120**
Principles/Macro  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
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. Mathematics 060 or Mathematics 061 are recommended.

**Economics 121**
Principles/Micro  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
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. Mathematics 060 or Mathematics 061 are recommended.

**ENGLISH (ENGL)**

**English 101 (CID ENGL 100)**  
Freshman Composition  
Unit(s): 4.0  
Class Hours: 64 Lecture total.  
Prerequisite: Grade of C or better in English 061 or EMLS 112 or ACE 116 or qualifying profile from English placement process. Expository and argumentative essays and the research paper. Special interest sections described in schedule of classes.

**English 101H (CID ENGL 100)**  
Honors Freshman Composition  
Unit(s): 4.0  
Class Hours: 64 Lecture total.  
Prerequisite: A high school or college GPA of 3.0 or above and a grade of C or better in English 061/ESL, EMLS 112 or ACE 116 or qualifying profile from English placement process.  
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.

**English 102**  
Literature and Composition  
Unit(s): 4.0  
Class Hours: 64 Lecture total.  
Prerequisite: A grade of C or better in English 101 or English 101H.  
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.
English 102H
Honors Literature and Composition
Unit(s): 4.0
Class Hours: 64 Lecture total.
Prerequisite: A high school or college GPA of 3.0 or above and a grade of C or better in English 101 or 101H. An enriched approach designed for honors students. 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.

English 103 (CID ENGL 105)
Critical Thinking and Writing
Unit(s): 4.0
Class Hours: 64 Lecture total.
Prerequisite: English 101 or 101H with a grade of C or better.
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.

English 103H (CID ENGL 105)
Honors Critical Thinking and Writing
Unit(s): 4.0
Class Hours: 64 Lecture total.
Prerequisite: A high school or college GPA of 3.0 or above and a grade of C or better in English 101 or 101H.
Enriched and intensive exploration of historical and contemporary issues. Application of critical thinking, reading and writing skills to established argumentative methods and models through student-initiated discussion and problem-solving in a seminar setting.

GEOLOGY (GEOL)

Geology 101
Introduction to Geology
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

Geology 101L
Introduction to Geology Laboratory
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Prerequisite: Geology 101 or concurrent enrollment.
Study of the common minerals and rocks. Map reading and interpretation of geology using topographic maps, geologic maps and aerial photos.

Geology 201
Introduction to Historical Geology
Unit(s): 4.0
Class Hours: 48 Lecture, 48 Laboratory total.
Introductory geology course investigating the former landscapes and inhabitants of the Earth as preserved in the rock record with an emphasis on North America. Two optional one-day field trips.

HISTORY (HIST)

History 101
World Civilizations to the 16th Century
Unit(s): 3.0
Class Hours: 48 Lecture total.
Development of world civilizations and their interrelationships from the earliest beginnings to the sixteenth century. Basic ideas, institutions, personalities, and artistic achievements of these societies.

History 101H
Honors World Civilizations to the 16th Century
Unit(s): 3.0
Class Hours: 48 Lecture total.
An enriched approach designed for honors students with emphasis on individual research as well as small group analysis of historical problems. Development of world civilizations and their interrelationships from the earliest beginnings to the sixteenth century. Basic ideas, institutions, personalities, and artistic achievements of these societies.

History 102
World Civilizations Since the 16th Century
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

History 102H
Honors World Civilizations Since the 16th Century
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: High School or college G.P.A. of 3.0 or above.
An enriched approach designed for honors students with emphasis on individual research as well as small group analysis of historical problems. 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.

HUMAN DEVELOPMENT (HUD)

Human Development 107 (C-ID CDEV 100)
Child Growth and Development (DS1)
Unit(s): 3.0
Class Hours: 48 Lecture total.
This course examines the major physical, psychosocial, and cognitive/linguistic/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.

Human Development 108A (C-ID ECE 200)
Observation and Assessment for Early Learning and Development
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: Human Development 107. Negative TB Test (must be completed before observations take place during the semester).
This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning to join with families and professionals in promoting children’s success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored.

Human Development 110 (C-ID CDEV 110)
Child, Family and Community (DS2)
Unit(s): 3.0
Class Hours: 48 Lecture total.
This course 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.

Human Development 111A (C-ID ECE 120)
Principles and Practices of Teaching Young Children
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: Human Development 107 and 108A. Negative TB Test (need to complete before observation during the course).
This course examines the underlying historical and theoretical principles, and the developmentally appropriate practices of early childhood programs and environments. Emphases will be on the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all children. The evolution of professional practices promoting advocacy, ethics and professional identity will be explored.
Human Development 111B
Introduction to Curriculum for Young Children
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: Human Development 108A and 111A. Negative TB Test.
This course presents an overview of knowledge and skills needed to provide developmentally appropriate curriculum for young children. Students will examine the teacher’s role in supporting development, fostering the joy of learning and creativity through the essential role of play. Content areas include language/literacy, social/emotional/sensory learning, art, music, math, science, health/safety, and motor development.

Human Development 112 (C-ID ECE 220)
Health, Safety and Nutrition for Children
Unit(s): 3.0
Class Hours: 48 Lecture total.
This course examines the regulations, policies, procedures and best practices for early childhood curriculum related to health, safety, food, and nutrition while supporting child development through everyday planning and school programming. The importance of collaboration between families and health and school professionals to ensure physical and mental health of all children, families, and professionals will be explored. Students must show proof of negative TB test results. Field trips to local child development centers may be included. Suggested preparation: Six units of human development classes

Human Development 221 (C-ID ECE 230)
Teaching in a Diverse Society
Unit(s): 3.0
Class Hours: 48 Lecture total.
Examination of the development of social identities in diverse societies, and implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches, self-examination, and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling.

Human Development 298A (C-ID ECE 210)
Practicum in Early Childhood Programs
Unit(s): 3.5
Class Hours: 32 Lecture, 75 Laboratory total.
Prerequisite: Human Development 111B. 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.
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.

INTERDISCIPLINARY STUDIES (IDS)

Interdisciplinary Studies 121
Humanities Through the Arts
Unit(s): 3.0
Class Hours: 48 Lecture total.
An introduction to the humanities through a study of seven major art forms: film, drama, music, literature, painting, sculpture and architecture. Artistic works are considered from the perspectives of historical development, the elements form, and meaning expressed.

KINESIOLOGY ACTIVITIES (KNAC)

Kinesiology Activities 107A
Beginning Badminton
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Instruction and practice includes the development of basic skills, techniques, and rules and strategies.

Kinesiology Activities 140
Karate
Unit(s): 1.0
Class Hours: 48 Laboratory total.
This course is designed to offer instruction in the Japanese art of Karate for beginning level students. Basic movements such as stances, blocking, kicking and striking are taught.

Kinesiology Activities 155
Self-Defense
Unit(s): 0.5
Class Hours: 32 Laboratory total.
Instruction in personal safety and self-protection including the effective use of hands, knees, elbows, feet, and the mind. Proficiency with everyday objects as weapons and defense against common street weapons is also stressed.

Kinesiology Activities 160
Tennis
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Instruction and practice in the fundamental skills basic to the successful performance of tennis. These skills include grip and body mechanics involved with the forehand, backhand, serve, lob, smash, and net play. Etiquette, court strategy, and rules will be covered in singles and doubles play. Tournament play will be introduced.

Kinesiology Activities 220A
Beginning Basketball
Unit(s): 1.0
Class Hours: 48 Laboratory total.
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.

Kinesiology Activities 260A
Soccer-Beginning/Intermediate
Unit(s): 1.0
Class Hours: 48 Laboratory total.
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.

Kinesiology Activities 290
Volleyball
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Instruction and practice in fundamental skills techniques, strategies, basic rules, team offense and defense, and team concepts of Volleyball.

Kinesiology Activities 292
Advanced Volleyball-Women
Unit(s): 1.0
Class Hours: 48 Laboratory total.
An advanced volleyball course designed for female athletes who have intercollegiate, USA club, or varsity high school volleyball experience. Emphasis will be placed on advanced technical skill development, offensive and defensive systems analysis, and sport specific physical fitness assessment and conditioning activities.
KINESIOLOGY AEROBIC FITNESS (KNAF)

Kinesiology Aerobic Fitness 140
Walking/Jogging for Fitness
Unit(s): 1.0
Class Hours: 48 Laboratory total.
This course will emphasize cardiovascular walking/jogging for health and fitness for men and women who are interested in instruction and practice in cardiovascular conditioning. The walking/jogging class is designed to decrease the risk of coronary heart disorders by increasing heart efficiency, vital lung capacity, and the knowledge of each through aerobic and anaerobic conditioning.

Kinesiology Aerobic Fitness 156A
Beginning Cardio Kickboxing
Unit(s): 1.0
Class Hours: 48 Laboratory total.
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.

Kinesiology Aerobic Fitness 157
Cardio Pump
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Instruction in overall fitness development. This class is designed to incorporate weight lifting into a cardio routine. It develops strength and endurance of all major muscle groups using routines performed to music.

KINESIOLOGY AQUATICS (KNAQ)

Kinesiology Aquatics 201
Swimming
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Instruction and experience in the basic stroke techniques and safety procedures of swimming.

Kinesiology Aquatics 206
Lap Swimming
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Prerequisite: Student must demonstrate swimming skills. Individualized swimming program designed to improve swimming techniques and cardiovascular fitness. Emphasis on endurance training. May be repeated.
Grade: Pass/No Pass Only.

KINESIOLOGY FITNESS (KNFI)

Kinesiology Fitness 147A
Beginning Weight Training
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Introductory instruction in basic weight lifting concepts and experiential practice in large muscle area development utilizing guided and free weights. Development will be in muscle size or tone and strength or endurance.

KINESIOLOGY HEALTH EDUCATION (KNHE)

Kinesiology Health Education 105
(C-ID KIN 101 = KNHE 105 + KNHE 107)
First Aid and Personal Safety
Unit(s): 1.5
Class Hours: 24 Lecture total.
This course involves the theory and detailed demonstration of first aid care. Student’s learn accident prevention, assessing a victim’s condition, and immediate care to accident victims. American Heart Association first aid certification upon successful completion. May be repeated for recertification. Completion of KNHE 105 & KNHE 107 equate to C-ID KIN 101.

Kinesiology Health Education 107
(C-ID KIN 101 = KNHE 105 + KNHE 107)
Cardiopulmonary Resuscitation
Unit(s): 2.0
Class Hours: 32 Lecture total.
This course involves the theory and detailed demonstration in artificial respiration and manual artificial circulation (CPR) that is recommended for use in cardiac arrest cases. Instruction in the Automatic External Defibrillator (AED) is included. Successful completion may lead to American Heart Association Heartsaver or Health Care Provider with AED Certificate. May be repeated for recertification. Completion of KNHE 105 & KNHE 107 equate to C-ID KIN 101.

KINESIOLOGY PROFESSIONAL (KNPR)

Kinesiology Professional 101
(C-ID KIN 100)
Introduction to Kinesiology
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

MATHEMATICS (MATH)

Mathematics 145
Finite Mathematics
Unit(s): 4.0
Class Hours: 64 Lecture total.
Prerequisite: Mathematics 080 or 081 with a grade of C or better; or placement into Mathematics 145 on the Mathematics Level 3 placement exam AND a course equivalent to Mathematics 080 or 081.
Linear systems and matrix algebra, linear programming and the simplex method, mathematics of finance, algebra of sets, introduction to probability and counting, the binomial distribution, descriptive statistics, introduction to the normal curve. Application to the fields of business, economics, biological and behavioral sciences are emphasized.

Mathematics 150
Calculus for Biological, Management and Social Sciences
Unit(s): 4.0
Class Hours: 80 Lecture total.
Prerequisite: Mathematics 140 or Mathematics 145 with a grade of C or better; placement into Mathematics 150 on the Mathematics level 3 placement exam and a course equivalent to Mathematics 140.
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.

Mathematics 180
(C-ID MATH 900S = MATH 180 + MATH 185)
Analytic Geometry and Calculus
Unit(s): 4.0
Class Hours: 80 Lecture total.
Prerequisite: Mathematics 170 (Prelcalculus) with a grade of C or better or equivalent skills as measured by the Math Level 4 Exam and a course equivalent to Mathematics 170. Limits and continuity, derivatives and integrals of algebraic, trigonometric, and other transcendental functions. Applications including extrema tests, related rates and areas.

Mathematics 180H
Honors Analytic Geometry and Calculus
Unit(s): 4.0
Class Hours: 80 Lecture total.
Prerequisite: A high school or college GPA of 3.0 or above and Mathematics 170 (Prelcalculus) with a grade of C or better or equivalent skills as measured by the Mathematics Level 4 Exam and a course equivalent to Mathematics 170.
An in-depth study of limits and continuity, derivatives and integrals of algebraic, trigonometric, and other transcendental function with the emphasis on theory and challenging problems. Applications include extrema tests, related rates and areas, volumes, arc length and surface areas.
Mathematics 185  
(C-ID MATH 900S = MATH 180 + MATH 185)  
Analytic Geometry and Calculus  
Unit(s): 4.0  
Class Hours: 80 Lecture total.  
Prerequisite: Mathematics 180 or 180H, first semester calculus, with a grade of C or better.  
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.

Mathematics 219 (C-ID SOCI 125)  
Statistics and Probability  
Unit(s): 4.0  
Class Hours: 80 Lecture total.  
Prerequisite: Mathematics 080 or 081 with a grade of C or better or placement into Mathematics 080 or 081.  
Beginning course in statistics. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency table, ANOVA, and non-parametric statistics. Includes use of technology. (Same as Social Science 219.)

Mathematics 219H (C-ID SOCI 125)  
Honors Statistics and Probability  
Unit(s): 4.0  
Class Hours: 80 Lecture total.  
Prerequisite: Mathematics 080 or 081 with a grade of C or better or placement into Mathematics 080 or 081 AND a high school or college GPA of 3.0 or higher.  
Enhanced format for the beginning course in statistics and probability, using a seminar approach and computers and individual research, and presentations. Includes descriptive statistics, graphical displays of data, probability, confidence intervals, hypothesis testing, regression, contingency tables, ANOVA, and non-parametric statistics, with applications designed around the individual interests of students. (Same as Social Science 219H.)

Mathematics 280  
Intermediate Calculus  
Unit(s): 4.0  
Class Hours: 64 Lecture total.  
Prerequisite: Mathematics 185, second semester calculus, with a grade of C or better.  
Vectors and three-dimensional space, functions of several variables, partial derivatives and multiple integrals. Vector calculus, Green's Theorem, Stoke's Theorem and the Divergence Theorem.

Mathematics 287  
Introduction to Linear Algebra and Differential Equations  
Unit(s): 5.0  
Class Hours: 80 Lecture total.  
Prerequisite: Mathematics 280 with a grade of C or better.  

MUSIC (MUS)  

Music 101 (C-ID MUS 100)  
Music Appreciation  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
Prerequisite: A high school or college GPA of 3.0 or above.  
Continued study of harmony and ear training. Includes writing phrases and cadences, non-harmonic tones, harmonization, voice leading, melodic construction, figured bass, chord progression and keyboard harmony. Required for music majors; open to non-majors.

Music 101H (C-ID MUS 100)  
Honors Music Appreciation  
Unit(s): 3.0  
Class Hours: 48 Lecture total.  
Prerequisite: MUS 111 with a minimum grade of C.  
Recommended for non-music majors.

Music 111 (C-ID MUS 120) (C-ID MUS 125)  
Basic Music Theory and Musicianship I (Formerly: Basic Theory and Ear Training)  
Unit(s): 4.0  
Class Hours: 64 Lecture, 16 Laboratory total.  
Introductory level course in music theory and its applications in traditional and modern musical practice. Includes detailed study of rhythm, notation, scales, intervals, chords, diatonic harmony and voice leading as well as sight singing and other musicianship skills. Ability to read music in at least one clef recommended. Required of music majors; open to non-majors.

Music 112 (C-ID MUS 130) (C-ID MUS 135)  
Music Theory and Musicianship II (Formerly: Theory 2)  
Unit(s): 4.0  
Class Hours: 64 Lecture, 16 Laboratory total.  
Prerequisite: MUS 111 with a minimum grade of C.  
Continued study of harmony and ear training. Includes writing phrases and cadences, non-harmonic tones, harmonization, voice leading, melodic construction, figured bass, chord progression and keyboard harmony. Required for music majors; open to non-majors.

Music 114A (C-ID MUS 145)  
Musicianship  
Unit(s): 1.0  
Class Hours: 16 Lecture, 32 Laboratory total.  
Prerequisite: Music 112.  
Competency-based sightsinging, rhythm, ear training, dictation (melodic/harmonic) for performers and transferring music majors. Arranged hours in Music Lab for computer programs and aural exercises.

Music 114B (C-ID MUS 155)  
Musicianship  
Unit(s): 1.0  
Class Hours: 16 Lecture, 32 Laboratory total.  
Prerequisite: Music 114A.  
Competency-based sightsinging, rhythm, ear training, dictation (melodic/harmonic) for performers and transferring music majors. Arranged hours in Music Lab for computer programs and aural exercises. B semester uses more advanced materials.

Music 115A (C-ID MUS 160)  
Applied Music (Private Instruction)  
Unit(s): 1.0  
Class Hours: 16 Lecture, 96 Laboratory total.  
Prerequisite: Audition and concurrent enrollment in either a music ensemble or music theory course.  
Weekly lesson in voice, piano, band/orchestral instrument or classical guitar. Five hours on-campus practice per week and attendance at weekly recital required. B, C, and D semesters require study of more advanced repertoire. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course. Open Entry/Open Exit.
Music 115B (C-ID MUS 160)
Applied Music (Private Instruction)
Unit(s): 1.0
Class Hours: 16 Lecture, 96 Laboratory total.
Prerequisite: Audition and concurrent enrollment in either a music ensemble or music theory course.
Weekly lesson in voice, piano, band/orchestra instrument or classical guitar covering more advanced repertoire than Music 115A. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course. Open Entry/Open Exit.

Music 115C
Applied Music (Private Instruction)
Unit(s): 1.0
Class Hours: 16 Lecture, 96 Laboratory total.
Prerequisite: Audition and concurrent enrollment in either a music ensemble or music theory course.
Weekly lesson in voice, piano, band/orchestral instrument or classical guitar covering more advanced repertoire than Music 115B. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course. Open Entry/Open Exit.

Music 115D
Applied Music (Private Instruction)
Unit(s): 1.0
Class Hours: 16 Lecture, 96 Laboratory total.
Prerequisite: Audition and concurrent enrollment in either a music ensemble or music theory course.
Weekly lesson in voice, piano, band/orchestral instrument or classical guitar covering more advanced repertoire than Music 115C. Five hours on-campus practice per week and attendance at weekly recital required. No more than a total of 4 semesters of credit may be earned in a combination of Music 115ABCD and 215. Requires audition and concurrent enrollment in either a music ensemble or music theory course. Open Entry/Open Exit.

Music 135
Concert Chorale
Unit(s): 1.0
Class Hours: 72 Laboratory total.
Rehearsal and performance of standard and current choral repertoire. Designed to train students in mixed ensemble singing. Public performance emphasized. Each semester requires performance of a variety of new and different repertoire. Designed for students who have basic singing skills. May be repeated.

Music 137
Chamber Choir
Unit(s): 1.0
Class Hours: 64 Laboratory total.
Prerequisite: Audition.
Rehearsal and performance of chamber choir repertoire from various historical periods. Course designed for festival and concert performance. Each semester requires the performance of new repertoire. May be repeated.

Music 171
Concert Band
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Study and rehearsal of band music for concert performances on campus and in the community. Each semester requires performance of new and different repertoire. Designed for students with basic performance skills. May be repeated.

Music 175
Jazz Ensemble
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Study, rehearsal, and performance of contemporary jazz/rock music for the jazz ensemble with help in developing techniques of improvisation. Each semester requires performance of new and different jazz repertoire. Designed for students with basic performance skills. May be repeated.

Music 181
Chamber Orchestra
Unit(s): 1.0
Class Hours: 48 Laboratory total.
Rehearsal and performance of standard repertoire for chamber orchestra. Each semester requires the performance of a variety of different repertoire. Designed for students who have basic performance skills. May be repeated.

Music 213 (C-ID MUS 140)
Theory 3
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: Music 112.

Music 214 (C-ID MUS 150)
Theory 4
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: Music 213.

Music 271
Symphonic Band
Unit(s): 1.0
Class Hours: 48 Laboratory total.
The rehearsal and performance of band music. Preparation of standard band repertoire for performances in the community. Each semester requires performance of a variety of new and different repertoire. Designed for students with intermediate or advanced performance skills. May be repeated.

PHILOSOPHY (PHIL)

Philosophy 110
Critical Thinking
Unit(s): 4.0
Class Hours: 64 Lecture total.
Prerequisite: English 101 or 101H with a grade of C or better
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.

Philosophy 110H
Honors Critical Thinking
Unit(s): 4.0
Class Hours: 64 Lecture total.
Prerequisite: A high school or college GPA of 3.0 or above and a grade of C or better in English 101/101H.
An enriched approach designed for honors students in a seminar setting.
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.

Philosophy 111 (C-ID PHIL 110)
Introductory Logic
Unit(s): 4.0
Class Hours: 64 Lecture total.
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.
Philosophy 112
World Religions
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

Philosophy 144
Reasoning and Problem Solving
Unit(s): 3.0
Class Hours: 48 Lecture total.
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. (Same as Counseling 144)

PHOTOGRAPHY (PHOT)

Photography 180
Beginning Photography
Unit(s): 3.0
Class Hours: 32 Lecture, 48 Laboratory total.
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.

PHYSICS (PHYS)

Physics 210
Principles of Physics I
Unit(s): 4.0
Class Hours: 48 Lecture, 48 Laboratory total.
Prerequisite: Mathematics 180/180H with a grade of C or better.
A calculus-based physics course designed for students majoring in the life sciences, pre-medicine, and related disciplines.
Topics include classical mechanics, wave motion, and thermodynamics.

Physics 217 (C-ID PHYS 205)
Engineering Physics I
Unit(s): 4.0
Class Hours: 48 Lecture, 48 Laboratory total.
Prerequisite: Mathematics 180 or 180H with a grade of C or better.
Principles of classical mechanics including particle dynamics, forces, work, energy, momentum, rotational motion, equilibrium, harmonic motion and gravity. This course is designed for students majoring in physical sciences and engineering.

Physics 279
College Physics I
Unit(s): 4.0
Class Hours: 48 Lecture, 48 Laboratory total.
Prerequisite: Mathematics 160 with a grade of C or better.
A trigonometry-based physics course. Topics include: mechanics, thermodynamics, fluids, oscillatory motion, and sound.

POLITICAL SCIENCE (POLT)

Political Science 101
Introduction to American Governments
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

Political Science 101H
Honors Introduction to American Governments
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: A high school or college GPA of 3.0 and above.
A student-oriented exploration of the historical and contemporary principles of American government. Study groups and individual computer-based research focus on basic political concepts of American national and state governments. Satisfies graduation requirement for American Institutions and state requirements for California state government.

Political Science 201
Introduction to Comparative Politics
Unit(s): 3.0
Class Hours: 48 Lecture total.
A study of the histories, political cultures, and governmental arrangements of various nations and regions around the world. Comparative study is made of the “First World” or industrialized democracies, the “Second World” or former and current communist countries, and the “Third World” developing, and “Fourth World” non-developing countries.

READING (READ)

Reading 150
Critical Reading
Unit(s): 3.0
Class Hours: 48 Lecture total.
This course addresses the relationship between critical reading and 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.

SOCIAL SCIENCE (SOCS)

Social Science 219 (C-ID SOCI 125)
Statistics and Probability
Unit(s): 4.0
Class Hours: 80 Lecture total.
Prerequisite: Mathematics 080/081 or 140 with a grade of C or better or equivalent skills as measured by the Math Level 3 Exam and a course equivalent to Mathematics 080/081 or 140.
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.
(Same as Mathematics 219.)

Social Science 219H (C-ID SOCI 125)
Honors Statistics and Probability
Unit(s): 4.0
Class Hours: 80 Lecture total.
Prerequisite: Mathematics 080/081 with a grade of C or better (OR placement into Mathematics 160 on the Mathematics Level 1 exam) and a high school or college GPA of 3.0 or above.
Enhanced format for the 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.
(Same as Mathematics 219H.)
SOCIOLOGY (SOC)

Sociology 100 (C-ID SOCI 110)
Introduction to Sociology
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

Sociology 100H (C-ID SOCI 110)
Honors Introduction to Sociology
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: A high school or college GPA of 3.0 and or above.
A seminar-style, content enriched course to provide a critical and extensive exploration of the sociological perspective, methods, and theories of social interaction, stability and change. Focuses on the importance of sociology for understanding individuals in a social context and provides a comprehensive understanding of and scientific way of thinking about society.

Sociology 112 (C-ID SOCI 130)
Relationships, Marriages, and Family Dynamics
Unit(s): 3.0
Class Hours: 48 Lecture total.
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.

Sociology 140 (C-ID SOCI 115)
Analysis of Social Trends and Problems
Unit(s): 3.0
Class Hours: 48 Lecture total.
An extensive survey of contemporary social trends and problems through sociological analysis concentrating on their causes, complexities, consequences, and possible solutions. Special emphasis will be placed on the problems in the U.S., with consideration of the global perspective.

Sociology 140H (C-ID SOCI 115)
Honors Analysis of Social Trends and Problems
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: A high school or college GPA of 3.0 and or above.
A seminar-style, in-depth sociological analysis and critique of U.S. social trends and problems with an emphasis on contemporary and historical social policy, with additional consideration of global perspectives.

TV/VIDEO COMMUNICATIONS (TELV)

TV/Video Communications 105
Mass Media and Society
Unit(s): 3.0
Class Hours: 48 Lecture total.
Exploration of the history, effects, and role of mass media in U.S. society. Examines major media forms (TV, radio, film, newspapers, magazines, ads, the Internet) in our information-conscious culture.

TV/Video Communications 105H
Honors Mass Media and Society
Unit(s): 3.0
Class Hours: 48 Lecture total.
Prerequisite: A high school or college CPA of 3.0 or above
Enriched honors course of intensive exploration of historical impact and current influence of Mass Media (newspapers, TV, Internet, etc.). Uses critical thinking skills in seminar-setting to assess media’s role in society.

THEATRE ARTS (THEA)

Theatre Arts 100 (C-ID THTR 111)
Introduction to Theatre
Unit(s): 3.0
Class Hours: 48 Lecture total.
An introduction to the art and concepts of theatre through a study of modern and historical theories of dramatic structure, playwriting, directing, design, and acting. Attendance at live theatre required.

Theatre Arts 131 (C-ID THTR 171)
Stagecraft
Unit(s): 3.0
Class Hours: 48 Lecture, 32 Laboratory total.
Introduction to technical theatre including basic principles of scenic design; construction, and painting; principles of lighting design, technology and process; plus stage and scene shop procedures. Preparation for on stage crew assignments. Concurrent enrollment in Theatre Arts 135 is recommended.

Theatre Arts 132 (C-ID THTR 175)
Stage Makeup
Unit(s): 3.0
Class Hours: 32 Lecture, 48 Laboratory total.
Basic techniques and artistry of stage makeup and its relation to the total production. Covers history, aesthetics and design theory, color theory, materials, and application procedures for varied characterizations. Practical application of learned skills are applied to departmental productions.

Theatre Arts 135 (C-ID THTR 192)
Technical Production
Unit(s): 1.0
Class Hours: 80 Laboratory total.
Practical experience in performance production or technical production culminating in a series of public performances. May be repeated.

Theatre Arts 150 (C-ID THTR 191)
Theatre Production
Unit(s): 2.0
Class Hours: 16 Lecture, 96 Laboratory total.
Prerequisite: Audition.
Each repetition presents more advanced material. May be repeated.

Theatre Arts 152 (C-ID THTR 191)
Tour Ensemble
Unit(s): 2.0
Class Hours: 16 Lecture, 48 Laboratory total.
Prerequisite: Audition.
Audition required. May be repeated.

Theatre Arts 155 (C-ID THTR 191)
Children’s Theatre Ensemble
Unit(s): 2.0
Class Hours: 16 Lecture, 96 Laboratory total.
Prerequisite: Audition.
Intensive rehearsal and performance experience leading to an extended-run Children’s Theatre production. May be repeated.
The Hospitality Option Certificate is designed to prepare students with the knowledge and skills necessary to seek employment in the capacity of restaurant management, hotel/resort management, and special events/meeting planning.

SAC is a fresh start.
Gabriel Sierra, Criminal Justice

SAC is accepting to all types of people.
Jennifer Sommer, Nursing

SAC is a place to discover my career.
Adela Salazar, Undecided

SAC is the beginning of the end. (Transferring to UC Santa Cruz)
Jacob Moreno, Music

SAC is diverse in its classes.
Diana Alizaga, Animation

SAC is accepting.
Fernando Ramirez, Anthropology

SAC is a place to get work done.
Easter Fakopo, Liberal Arts

SAC is unique.
Daizy Lopez, Nursing

SAC is the first school I chose to study, since leaving Vietnam.
Quyen Do, Nursing

SAC is where I learned to excel in my field.
Danielle Hernandez, Business

SAC is my college where I can study anything of my choice.
Nguyen Nguyen, Pharmacist

SAC is a second chance at football recognition.
Brett Hurley, Undecided

SAC is career oriented.
Duncan Wilson, Fire Technology

SAC is a journey closer to my goals.
Solema Soliai, Business Administration

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SANTA ANA COLLEGE
1530 W. 17th Street, Santa Ana

- Centennial Education Center
  2900 W. Edinger Avenue, Santa Ana

- Digital Media Center
  1300 S. Bristol Street, Santa Ana

- Orange County Regional Sheriff’s Training Academy
  15991 Armstrong Avenue, Tustin

- Joint Power Training Center - Fire Academy
  18301 Gothard, Huntington Beach

SAC is a new start to life.
Guilermo Lee, Musical Theatre/Business Marketing

SAC is a second home.
Angelica Urrutia, Journalism

SAC is full of opportunities.
Andrew Brahs, Fire Technology

SAC is the first school I chose to study, since leaving Vietnam.
Quyen Do, Nursing

SAC is where I learned to excel in my field.
Danielle Hernandez, Business

SAC is career oriented.
Duncan Wilson, Fire Technology

SAC is a journey closer to my goals.
Solema Soliai, Business Administration

SAC is a second chance at football recognition.
Brett Hurley, Undecided

SAC is a college that played a pivotal role in my life.
Martin E Lopez, Geography

SAC is a place to discover my career.
Adela Salazar, Undecided

SAC is accepting.
Fernando Ramirez, Anthropology

SAC is unique.
Daizy Lopez, Nursing

SAC is the first school I chose to study, since leaving Vietnam.
Quyen Do, Nursing

SAC is where I learned to excel in my field.
Danielle Hernandez, Business

SAC is my college where I can study anything of my choice.
Nguyen Nguyen, Pharmacist

SAC is a second chance at football recognition.
Brett Hurley, Undecided

SAC is career oriented.
Duncan Wilson, Fire Technology

SAC is a journey closer to my goals.
Solema Soliai, Business Administration