Career and Technical Education Programs

The lack of English language skills will not be a barrier to enrollments in Career and Technical Education Programs.

Posibles dificultades con el inglés no son una barrera para matricularse en programas de carreras académicas o educac—n técnica.

Career and Technical Education (CTE) Curricula

Santa Barbara City College offers a variety of programs and courses in career and technical education. These include short-duration Skills Competency and Departmental Award programs and Certificates of Achievement and two-year Associate in Science Degree programs. Subject areas include Business Education, Health and Human Services, and Technologies. Specific award, certificate or degree programs in these occupational areas are listed in the “Programs of Study” table in this Catalog. Programs of study are offered in these areas:

### Business Education

- Accounting
- Accounting Assistant/Bookkeeper, Levels I-IV
- Accounting Information Systems, Levels I-III
- Bookkeeping
- Business Administration, Levels I & II
- Business Administration: Pre-Transfer
- Business Administration: Emphasis in Management
- Computer Applications & Office Management
- Computer Information Systems
- Computer Proficiency Online
- Database Programming & Applications Development
- Entrepreneurship — Levels I-II
- Entrepreneurship: Web Design — Levels I-II
- Finance
- International Business

### Health

- Acute Care CNA
- Associate Degree Nursing (ADN)
- Cancer Information Management (CIM)
- Certified Nursing Assistant (CNA)
- Diagnostic Medical Sonography (DMS)
- Home Health Aide (HHA)
- Emergency Medical Technician (EMT)
- Health Information Technology (HIT)
- Medical Coding Specialist
- Radiographic and Imaging Sciences (RT)
- Vocational Nursing (LVN)

### Human Services

- School of Justice Studies
- Alcohol & Drug Counseling
- Associate Child Care Teacher
- Cosmetology
- Diversity Issues in Early Childhood Education
- Early Childhood Education
- School-Age Care
- Infant/Toddler Development
- Esthetician
- Post-professional Practice in Alcohol & Drug Counseling

### Technologies

- Animation
- Automotive Service & Technology
- Baking and Pastry
- Cisco Networking Associate
- Cisco Networking Professional
- Computer Network Engineering
- Construction Trades
- Culinary Arts
- Drafting/CAD
- Environmental Horticulture
- Fire Technology
- Graphic Design & Photography
- Hospitality
- Hospitality Operations Specialist
- Human Resource Hospitality Specialist
- Interior Design
Landscape Operations  
Marine Diving Technologies  
Media Arts  
PC Support/Network Management  
Personal Chef Training  
Sustainable Horticulture  
Water Science

Specialty programs in Cooperative Education and job-site training allow students to combine classroom studies with on-the-job experiences.

The main thrust of occupational and career education is to provide the student with entry-level job skills so there is a smooth and productive transition to the business and industrial workplace.

Although the requirements in the majors are generally fixed, students have a wide range of courses from which to choose in meeting General Education requirements. **Counselors should be consulted for variations and assistance with planning programs.**

### Cooperative Work Experience

Santa Barbara City College offers three types of Cooperative Work Experience — General Work Experience, International Work Experience, and Occupational Work Experience:

**General Work Experience 290** assists students to acquire good work habits, attitudes and career awareness in actual job settings. Units are based on the number of hours worked throughout the semester: For paid work, 1 unit = 75 hours, 2 units = 150 hours, 3 units = 225 hours. There are no regular class meetings, but students are required to complete a number of assignments throughout the semester.

**International Work Experience** assists students to acquire desirable work habits in foreign job settings and to develop an understanding of the role of international business, the foreign country’s work habits, economy, labor laws, and cultural/political factors that affect employment.

By satisfactorily completing the International Work Experience/Internship course, a student may earn up to six units per semester. Units are based on the number of hours worked throughout the semester: For paid work, 1 unit = 75 hours, 2 units = 150 hours, and 3 units = 225. For volunteer work, 1 unit = 60 hours, 2 units = 120 hours, 3 units = 180 hours.

**Career and Technical Education Work Experience** combines on-the-job training with classroom instruction, enabling the student to acquire knowledge, skills and attitudes necessary to enter and/or progress in a chosen occupation. Class attendance in a regularly scheduled weekly coordinating class is required by some SBCC departments.

For each semester that a student is enrolled in Cooperative Work Experience, it is required that the student provide evidence of new or expanded responsibilities or learning opportunities beyond those experienced during previous employment. Satisfactory completion of specific job-oriented learning objectives is required for determining the student’s progress and improvement of performance on the job.

By satisfactorily completing a Work Experience course, a student may earn from 1-4 college units. A maximum of 16 Work Experience units may be applied as electives toward the 60 units required for an Associate in Arts or an Associate in Science Degree.

Credits are based on the number of hours worked during the semester: 1 credit = 75 paid hours or 60 volunteer hours.

### Prerequisites for Career and Technical Education Work Experience Courses

The Occupational Work Experience class must be directly related to the student’s stated major and the college program in which he/she is enrolled.

### Career and Technical Education Departments Offering Work Experience

- ADN Nursing
- Automotive Service & Technology
- Business Administration
- Computer Applications & Office Management
- Computer Information Systems
- Cosmetology
- Drafting/CAD
- Early Childhood Education
- Environmental Horticulture
- Graphic Design & Photography
- School of Culinary Arts & Hotel Management
- Interior Design
Marine Diving Technologies
Multimedia Arts & Technologies
School of Justice Studies

Job Referral Services
The Career Center receives numerous job orders from employers in the community and provides referrals for full- and part-time jobs and internships. It also provides a website listing information on all on-campus student jobs and maintains an online job referral system. Every spring the center sponsors an annual Job Fair that invites local employers and allows students to learn about career opportunities and to apply for job openings. Additional information about job referral is available at the Career Center, located in the Student Services Building, Room 282, or by calling 965-0581, ext. 2331.

Transfer Curricula
The large majority of SBCC courses have been reviewed and approved for transfer by four-year colleges and universities through formal articulation agreements. These courses apply to one or more General Education, lower division major and/or elective requirements. These transferable courses have University of California (UC) and/or California State University (CSU) designations in this Catalog. These same designations also appear in the Schedule of Credit Classes, which is published each semester.

Most majors at four-year colleges and universities require completion of one or more lower division courses as preparation for the upper division. Nearly all of these lower division requirements can be met through transferable SBCC courses. Students can complete four-year institution General Education requirements prior to transfer.

Articulation agreements, available at www.assist.org and in the Transfer Center, identify which courses apply to General Education and lower division requirements at four-year universities. Students can complete many of the lower division requirements for majors offered by UC, CSU or independent institutions, even if SBCC does not offer the major.

Students can qualify for transfer to a multitude of four-year majors not specifically offered at SBCC. Students should check the catalog of the college of intended transfer and meet with a counselor for additional information about major programs and requirements.

Articulation with Four-Year Institutions
To assist the student with transfer to four-year institutions, articulation agreements have been established with most California State Universities, University of California campuses and some independent California colleges and out-of-state institutions. These agreements define the courses at Santa Barbara City College that satisfy many lower division major requirements and General Education requirements at four-year institutions.

ASSIST Transfer Articulation Information
ASSIST is a computerized student transfer articulation information system that can be accessed over the World Wide Web. It displays reports of how California community college courses can be applied when transferred to California State Universities and University of California campuses.

ASSIST is the official repository of articulation for California’s public colleges and universities, and therefore provides the most accurate and up-to-date information available about student transfer in California.

ASSIST may be accessed at www.assist.org.

Transfer Recognition Award
The Transfer Recognition Award is granted to any student who has completed a minimum of 24 units at Santa Barbara City College prior to transfer and has presented a letter of acceptance from an accredited four-year college or university. An application must be submitted by the student to the SBCC Transfer Center.

UC Minimum Transfer Admission Requirements
I. Non-California Residents
The minimum admission requirements for nonresidents are very similar to those for residents. Please consult with the Admissions Office at one of the University of California campuses for details. In all cases, however, nonresidents must have a minimum grade point average of 2.8 or higher in all UC transferable college coursework.
II. California Residents

Students who were not eligible for admission to the University when they graduated from high school because they did not meet the Scholarship Requirement must:

1. Complete 60 semester units or 90 quarter units of UC transferable college credit with a grade point average of at least 2.4 (no more than 14 semester/21 quarter units may be taken Pass/No Pass).

2. Complete the following course pattern requirements, earning a grade of C or better in each course:
   
   • Two transferable college courses (3 semester or 4-5 quarter units each) in English composition; and
   
   • One transferable college course (3 semester or 4-5 quarter units) in mathematical concepts and quantitative reasoning; and
   
   • Four transferable college courses (3 semester or 4-5 quarter units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, and the physical and biological sciences.

Students who were eligible for admission to the university when they graduated from high school — meaning they satisfied the Subject, Scholarship and Examination Requirements, or were identified by the University during their senior year as eligible in the local context — meet UC transfer eligibility requirements if they have a C (2.0) average in their transferable college coursework. Students who met the Scholarship Requirement in high school but did not satisfy the Subject Requirement must take transferable college courses in the missing subjects, earn a C or better in each required course and have an overall C (2.0) average in all transferable coursework to be eligible to transfer. UC campuses’ ability to accept students with fewer than 60 transferable units is dependent on campus enrollment targets which vary from term to term. See a counselor for more information.

Please Note: Fulfilling the UC minimum eligibility requirements does not guarantee admission to UC campuses. Admission selection criteria vary widely by campus and by major. Consult with your counselor or a UC campus representative to learn about the GPA and courses that may be required for admission to particular campuses and majors. Refer to the University of California website for UC transfer eligibility requirements (http://www.universityofcalifornia.edu/admissions/pdf/A4T.pdf)

UC Transferable Courses

Santa Barbara City College’s UC Transferable Course Agreement (TCA) is available online at www.assist.org. Students may also visit the Transfer Center or the Counseling Center to obtain a current list of transferable courses to the University of California. In addition, the transferability of each course is indicated immediately after the course title and unit information listed in the department/course descriptions section of this Catalog.

CSU Minimum Transfer Admission Requirements

A Santa Barbara City college student who is planning to transfer to one of the campuses of the California State University system can qualify for admission by meeting the following requirements:

Lower-Division Transfer Admission Requirements (1 to 59 semester units)

Some campuses restrict enrollment of lower-division transfer students. California residents are eligible for admission with fewer than 60 transferable semester units (90 quarter units) if they:

- Have a college grade point average of 2.0 or better in all transferable college units attempted.
- Are in good standing at the last college or university attended, i.e., eligible to re-enroll.
• Meet the admission requirements for a first-time freshman or have successfully completed necessary courses to make up the deficiencies you had in high school if they did not complete the 15-unit pattern of college preparatory subjects.

• Meet the eligibility index required of a freshman.

Some campuses may require lower-division transfer students to have completed English composition and general education mathematics prior to transfer. Some campuses may require lower-division transfer students. Contact your campus of choice to determine whether there are admission limits on the number of lower-division transfer students. Note: Students who completed college units before they graduated from high school or during the summer between high school graduation and CSU enrollment are considered first-time freshmen and must meet those admission requirements. For more information regarding general education and pre-major requirements, please consult with a counselor and visit www.assist.org.

Upper-Division Transfer Admission Requirements (60 to 70 semester units)

You are eligible for admission with 60 or more transferable semester units (90 quarter units) if you:

• Have a college grade point average of 2.0 or better (2.4 for non-California residents) in all transferable college units attempted.

• Are in good standing at the last college or university attended, i.e., you are eligible to re-enroll.

• Have completed or will complete prior to transfer at least 30 semester units (45 quarter units) of courses equivalent to general education requirements with a grade of C or better. The 30 units must include all of the General Education requirements in communication in the English language (English composition, oral communication and critical thinking) and at least one course of at least 3 semester units (4 quarter units) required in college-level mathematics.

Please Note: Fulfilling the CSU minimum eligibility requirements does not guarantee admission to CSU campuses. Admission selection criteria vary widely by campus and by major. Consult with your counselor or a CSU campus representative to learn about the GPA and courses that may be required for admission to particular campuses and majors. Refer to the CSU Mentor website for CSU transfer eligibility requirements (http://www.csumentor.edu/planning/transfer/).

CSU Transferable Courses

Santa Barbara City College’s CSU baccalaureate list of transferable courses is available online at www.assist.org. Students may also visit the Transfer Center or the Counseling Center to obtain a current list of transferable courses to the California State University. In addition, the transferability of each course is indicated immediately after the course title and unit information listed in the department/course descriptions section of this Catalog.

Lower-Division Transfer Pattern (LDTP)

The Lower-Division Transfer Pattern (LDTP) project, sponsored by the California State University (CSU) and supported by the California Community Colleges, presents potential transfer students with the most direct path to a bachelor’s degree in the CSU system. The LDTP project provides a set of “road maps” for students to follow that will ensure appropriate academic preparation and that will decrease time to graduation once LDTP students enter the CSU. Students may enter into an LDTP agreement up to the time they have completed 45 transferable units. Students who elect to follow the LDTP option will receive the highest priority for admission to a CSU campus.

“Highest priority for admission” is defined as a written guarantee of admission to a particular CSU campus and major, and it goes into effect when both the student and the CSU campus ratify an LDTP agreement. The guarantee is subject both to satisfactory completion of the agreement requirements and to the campus’s ability to accommodate the student. Students will be asked to complete successfully a specified set of General Education
courses and major courses that will be common to all CSU campuses offering that major, and they will be asked to complete successfully an additional set of courses identified by the particular CSU campus named in the LDTP agreement. The coursework in the systemwide and campus-specific LDTP pattern will total at least 60 units, the number needed to transfer to CSU as an upper-division student.

Through CSU Mentor and ASSIST, students and counselors will be able to find road maps detailing coursework preparation by CSU campus and major.

General Education Patterns for Transfer

Santa Barbara City College students have several options to complete a General Education pattern prior to transfer:

I. Intersegmental General Education Transfer Curriculum (IGETC)
II. California State University General Education Breadth Pattern
III. Campus-specific General Education Pattern

I. Intersegmental General Education Transfer Curriculum (IGETC)

For a complete description of approved IGETC Standards, Policies and Procedures, go to www.cacctcw.org/igetc.htm

FREQUENTLY ASKED QUESTIONS ABOUT IGETC

1. What is IGETC? The Intersegmental General Education Transfer Curriculum (IGETC) is a pattern of courses that California community college students can follow to satisfy lower-division general education requirements at any California State University (CSU) or University of California (UC) campus. Completion of IGETC qualifies students to receive a Certificate of Achievement from SBCC. Students who do not qualify for a full or partial certification of their IGETC before transfer will be required to complete the General Education pattern of the UC or CSU campus to which they transfer. Students should be aware that additional courses are often required to fully satisfy the General Education requirements of the particular UC or CSU campus to which they transfer.

2. Is IGETC an admission requirement? No. Completion of IGETC is NOT an admission requirement for transfer to a CSU or UC, nor is it the only way to fulfill the lower-division general education requirements of the CSU or UC prior to transfer. Note: UC Berkeley's College of Letters and Science requires full completion of the IGETC or completion of the Essential Skills Requirement by the end of spring term for fall admission as selection criteria for admission. In general, all UC and CSU campuses highly recommend completion of IGETC for most majors and some rank students for admission based on how closely they complete their lower-division general education before transferring. However, completion of IGETC does NOT guarantee admission to a student’s major or campus of choice. Students should meet with an academic counselor to discuss UC and CSU admission requirements. Refer to http://www.universityofcalifornia.edu/admissions/pdf/A4T.pdf for UC transfer eligibility requirements and http://www.csumentor.edu/planning/transfer/ for CSU transfer eligibility requirements.

3. Is it advisable for all transfer students to follow IGETC? No. IGETC will be most useful to students who want to keep their options open before making a final decision about transferring to a particular UC or CSU campus. Some students may be better served by taking courses to fulfill CSU’s general education/breadth requirements or those of a particular UC or CSU campus. In general, students who are pursuing majors that require extensive lower-division preparation for admission to the major (such as Engineering or other sciences) should not use IGETC (see “IGETC Considerations” section of the UC “Answers for Transfers” publication available at http://www.universityofcalifornia.edu/admissions/pdf/A4T.pdf for additional information). Students pursuing these majors are normally advised to complete as much preparation for their major as possible before transfer. Students should meet with an academic counselor to discuss major preparation required for their campus and refer to www.assist.org for further information on major requirements.
4. Must the entire IGETC pattern be completed prior to transfer? No. However, to be eligible for full IGETC certification, students MUST complete all IGETC requirements before enrolling at a UC or CSU campus. Partial IGETC certification is defined as completing all but one (1) OR two (2) courses on the IGETC pattern. The student may be “partially certified” and complete the missing courses after transfer in a way that is acceptable to the receiving institution. **Warning:** Students need Area 1 and 2 completed to meet minimum transfer admission requirements. Therefore, partial certification that acknowledges a deficiency in Area 1 and/or 2 may also indicate a student does not meet minimum transfer requirements. **Note:** Refer to question 2 above for UC Berkeley’s College of Letters and Science admission requirements.

5. May coursework completed at other institutions be used to certify a student’s completion of IGETC? Yes. However, only courses completed at regionally-accredited institutions can be used under the following conditions: (1) Coursework from other California community colleges (CCC) will be placed in the IGETC category listed by that campus. Courses must have been on that college’s IGETC list when the courses were completed. Check the ASSIST website at [www.assist.org](http://www.assist.org) for IGETC-approved courses from California community colleges. (2) Students transferring from institutions outside of the California community college system may have courses certified for IGETC only if an equivalent course is taught at a CCC. Such courses would be placed in the same IGETC category as the equivalent CCC course. Please consult with a counselor. (3) **Courses taken at foreign institutions are not** permitted for certification on the IGETC.

6. Is there a minimum grade required in all courses used for IGETC certification? Yes. IGETC courses must be completed with a grade of “C” (2.0) or better (a “C-minus” cannot be used). A grade of Credit or Pass may be used if the college’s policy states it is equivalent to a grade of “C” (2.0) or better.

7. Can a course be used to satisfy more than one subject area? No. Even though a course may be listed in more than one area on IGETC, a course may only be counted in one area (the only exception is an advanced course that meets Area 6A Language Other Than English). However, courses used for IGETC can also count toward preparation for major requirements, except for individual CSU campus restrictions.

8. Can Advanced Placement (AP) scores be applied to IGETC? Yes. AP scores of 3, 4 or 5 can be used to satisfy any IGETC subject area except the Critical Thinking/English Composition or the Oral Communication requirements (Areas 1B & C). Each AP score can only be used as one course. However, more than one AP score can be used in each area except Area 1. Refer to the chart below for a list of approved AP scores and the corresponding IGETC area credit.

9. Is certification of IGETC completion automatic? No. Certification of IGETC must be requested at the SBCC Transfer Center (SS-140) after the student completes the IGETC requirements. Certification will not be made when courses are still in progress or before grades are known. Certification of IGETC is the responsibility of the last California community college a student attends prior to transfer. Students must attach their official transcripts from other colleges to their request for IGETC certification unless they have already submitted an official copy to SBCC’s Admissions & Records office.

10. Is there a minimum unit value per course? Yes. All courses must have a minimum unit value of 3 semester or 4 quarter units. When combining quarter and semester unit values within an IGETC area, units should be converted to either all quarter or all semester units, whichever best meets the minimum unit requirement for that area.

**American History and Institutions Requirement for UCSB:** UCSB is one of the UC campuses that require a college-level American History and Institutions course. Current courses at SBCC which satisfy this requirement are: Administration of Justice 101; Art 106; Asian-American Studies 101, 102; Black Studies 101, 102, 103; Chicano Studies 101, 102, 103, 121; English 225, 225GB, 226, 226H; Environmental Studies 112; Ethnic Studies 101, 101H, 107; History 100, 101, 102, 102H, 105HR (before Fall 03), 109, 110, 111, 112, 114, 114H, 116, 117; Native American Studies 101, 102, 103; Political Science 101, 104, 106H, 151, 151H; Sociology 109. Any of these courses may be used to meet UCSB’s American History and Institutions Requirement as well as a requirement for IGETC. There are other options available to students to satisfy this requirement (see counselor).
Santa Barbara City College
2009-2010 IGETC Courses

IGETC requirements for Santa Barbara City College are also available on the ASSIST website at www.assist.org.

IGETC represents approximately 35-40 units of the 60 transferable units required for UC/CSU transfer admissions.

Key to Codes: # Designates courses listed in more than one area but can only be counted in one area.

AREA 1 — ENGLISH COMMUNICATION

CSU - 3 courses required, one from each group below. UC - 2 courses required, one each from Group A and Group B.

Group A: English Composition — 1 course, 3 semester units or 4-5 quarter units

| English 110 or 110GB or 110H |
| Group B: Critical Thinking-English Composition — 1 course, 3 semester units or 4-5 quarter units |

Important Note: Courses that meet Area 1B are normally not offered at institutions outside of the California Community College system.

English 111, 111GB, 111H, 111HG, Philosophy 111, 110 (Summer 94-Summer 98) OR

English 112 or 112HR and Philosophy 205 or Communication 235 ONLY if one course was completed prior to Fall 1993

Group C: Oral Communication (CSU requirement only) - 1 course, 3 semester units or 4-5 quarter units

Communication 121 (before Summer 93 or Fall 98 & after), 121H (Spring 03 & after), 131, 131H, 141

Area 2a — Mathematical Concepts & Quantitative Reasoning

1 course, 3 semester units or 4-5 quarter units.

Computer Science 143; Mathematics 114 (before Fall 93), 116 (Fall 97-Summer 98), 117, 117H (Spring 92 & after), 120 (Spring 95 & after), 125 (before Fall 99), 130, 131, 137, 138, 140 (before Fall 00), 141 (before Fall 01), 150, 160, 200 (before Fall 97 or Spring 07 & after), 210 (before Fall 96 or Spring 07 & after), 220 (before Fall 96 or Spring 07 & after), 250 (Spring 96-Spring 07), 260 (Spring 96-Fall 07);

Psychology 150 (Spring 97 & after)

Area 3 — Arts & Humanities

3 courses, with at least 1 course from 3A: Arts & 1 course from 3B: Humanities, 9 semester units or 12-15 quarter units.

3A: Arts:

Art 101, 102A (Fall 02 & after), 102B (Spring 02 & after), 103, 104, 104H, 105 (before Summer 01), 106, 107, 108, 109, 110, 111, 112, 113 (before Spring 08), 114, 145 (Spring 04-Fall 07), 210, 211, 213A, 213B, 215, 216, 217; Black Studies 111; Chicano Studies 119 (before Summer 99), 130, 131 (Spring 99 & after), 160 (Spring 93 & after); English 242 (Fall 94 & after), 260 (before Fall 97); Film Studies 101# (Spring 99 & after), 101H, 104 (Spring 98 & after), 107, 113, 115# (Spring 03 & after), 116#, 118# (Spring 03 & after), 119#, 120, 121#; Music 104A, 110, 110H, 112, 114A, 114B, 115, 118; Native American Studies 112; Physical Education 250 (Fall 03 & after); Theatre Arts 103, 103GB, 107, 108, 120, 160 (Spring 93 & after)

3B: Humanities:

American Sign Language 102 (Spring 01 & after), 103, 104, 125; Arabic 102 (Spring 06 & after); Asian American Studies 101# (Fall 08 & after), 102# (Fall 08 & after); Black Studies 113; Chicano Studies 113, 114, 115; Chinese 102 (Fall 93-Summer 98 or Spring 05 & after), 103; English 221, 221GB, 222, 222GB, 223 (before Fall 02), 225, 225GB, 226, 226H, 231, 231GB (Spring 07 & after), 232, 232GB (Spring 07 & after), 233 (before Fall 02), 235 (Fall 92-Summer 02), 236, 236GB (Spring 07 & after), 237, 237GB (Spring 07 & after), 240, 241, 250 (before Fall 02), 251, 252 (before Fall 02), 261, 262, 262GB (Spring 07 & after);

Environmental Studies 112#; Ethnic Studies 101# (Spring 92 & after), 101H#, 117 (before Fall 09), 121#, 122#; Film Studies 101# (before Fall 10), 110, 111, 115# (Spring 03 & after), 116#, 117 (before Fall 09), 118# (Spring 03 & after), 119#, 121#; French 102 (Spring 98 & after), 103 (Spring 93 & after), 104 (Spring 93 & after); German 102 (Spring 93 & after), 103 (Fall 93 & after), 104; Hebrew 102 (Spring 06 & after); History 100#, 101#, 102#, 102H#, 103#, 104#, 107#, 108#, 109#, 110#, 111#, 112#, 113H#,
114# (Spring 92 & after), 114H#, 115#, 116#, 117#, 120#, 121#, 122#, 127#, 130#, 131#, 132#, 133#, 134#, 135#, 137#, 138#, 151#, 152#; Italian 102 (Spring 93 & after), 103 (Fall 01 & after), 104, 150, 160; Japanese 102 (Spring 93 & after), 103 (Fall 98 & after); Korean 102; Latin 102 (Spring 06 & after); Native American Studies 105#, 113; Philosophy 100, 101, 101H (Spring 00 & after), 102, 102H, 200, 201, 203 (Fall 93 & after), 204; Physical Science 105# (before Fall 95), 106# (before Fall 95); Physics 104; Political Science 132# (Spring 99 & after); Russian 102 (Fall 93-Fall 97); Spanish 102 (Spring 99 & after), 103 (Spring 93 & after), 104 (Spring 93 & after), 133, 134, 135 (Spring 05 & after), 139 (Spring 05 & after), 146 (Fall 08 & after), 147 (Fall 08 & after), 150, 160

AREA 4—SOCIAL & BEHAVIORAL SCIENCES

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

Administration of Justice 101 (Spring 92 & after), 102 (Fall 07 & after), 105, 107 (Fall 96 & after), 125 (Fall 08 & after), 245; Anthropology 102, 103, 104, 109 (Fall 92 & after), 113; Asian-American Studies 101# (Fall 92 & after), 102# (Spring 92 & after); Black Studies 101, 102 (Spring 92 & after), 103; Chicano Studies 101, 102 (Spring 94 & after), 103, 121 (Fall 92 & after); Communication 101 (Spring 93 & after), 151, 171 (Spring 92 & after), 288 (Spring 97 & after), 289 (Spring 93 & after); Early Childhood Education 102 (Spring 93 & after), 120 (Fall 07 & after); Earth Science 142; Economics 101, 102, 103 (before Fall 98), 106 (Spring 92 & after), 108; Engineering 100; Environmental Studies 112#; Ethnic Studies 101# (Spring 92 & after), 101H#, 107, 109, 110, 121#, 122#; Geography 102, 105, 106; Global Studies 101, 102, 110; History 100#, 101#, 102#, 102H#, 103#, 104#, 105H (before Fall 03), 107#, 108#, 109#, 110#, 111#, 112#, 113H#, 114# (Spring 92 & after), 114H#, 115#, 116#, 117#, 120#, 121#, 122#, 127#, 130#, 131#, 132#, 133#, 134#, 135#, 137#, 138#, 140 (Fall 92 & after), 150, 151#, 152#; International Studies 101(before Spring 03); Native American Studies 101, 102, 103, 104, 105#; Physical Science 105# (before Fall 95), 106# (before Fall 95); Political Science 101, 104, 106H, 110, 121, 122, 126 (Spring 06 & after), 130, 131, 132# (Spring 97 & after), 134H, 136 (Spring 07 & after), 151 (Spring 92 & after), 151H; Psychology 100, 100H, 120, 125, 130, 135, 140, 145 (Spring 04 & after), 170 (Spring 94 & after), 175 (Fall 03 & after), 200 (Spring 94 & after); Sociology 101, 101H, 103, 104, 106, 109, 113, 115 (Spring 99 & after), 118; Spanish 135 (Fall 92 - Summer 05), 136, 138, 139 (before Fall 05).

AREA 5—PHYSICAL & BIOLOGICAL SCIENCES

2 courses, 7-9 semester units or 9-12 quarter units with 1 course from 5A: Physical Science course and 1 from 5B: Biological Science course; at least 1 must include a laboratory (laboratory courses appear underlined).

5A: Physical Sciences:
Biology 110# (Fall 92 & after), 110#+111# (Fall 92 & after), 110H# (Fall 92 & after), 142 (Spring 04 & after); Chemistry 101, 104, 107 (Fall 98-Summer 02), 155, 156, 211+221, 212+222; Earth Science 101, 101H, 101+102, 101H+102, 106, 111, 111H, 111H+111L, 111H+111L, 112, 112+112L, 113 (Fall 94 & after), 114, 115 (before Spring 97 or Fall 02 & after), 115+115L (Fall 03 & after), 116 (before Spring 97 or Fall 02 & after), 122 (Spring 07 & after), 125, 126 (Spring 06 & after), 141, 141+141L, 151, 151+151L, 152; Environmental Studies 115, 115+115L (Spring 03 & after), 116; Geography 101, 101+101L; Music 180 (before Fall 99), 180+182 (before Fall 99); Physical Science 103; Physics 101, 101H, 101+101L, 102, 105, 106, 110, 111, 113 (before Fall 99), 113+113L (before Fall 99), 121, 122, 123

5B: Biological Sciences:
Anthropology 101; Biology 100, 101, 102, 103, 104, 104+105, 110#, 110#+111#, 110H#, 112, 112+141 (Spring 06 & after), 112HR (before Fall 97), 114 (before Fall 97), 114+115 (before Fall 97), 120, 122, 122+123 (Spring 04 & after), 124, 125, 126, 140 (Spring 99 & after), 140 (Spring 99 & after) + 141 (Spring 06 & after), 150 (Fall 03 & after), 172 (Fall 07-Summer 09); Bio-Medical Science 100, 107, 108, 109, 127, 136 (before Fall 92 or Spring 00 & after); Botany 100, 121, 122 (Spring 92 & after - Note: Botany 122 is a 3-unit lab science. Students MUST complete 4 units of Physical Science or an additional course in Biological Sciences to complete the units required in Area 5), 123, 129; Environmental Studies 110, 110+111; Psychology 110 (Spring 92 & after); Zoology 110, 122 (before Spring 03), 122, 122+123, 124, 137 (Spring 06 & after), 140
AREA 6—LANGUAGE OTHER THAN ENGLISH
(UC requirement only) - Proficiency equivalent to two years of high school study in the same language, with a grade of C minus or better OR 1 course from the following list (or a more advanced course: 102, 103, 104) with a grade of C or better. Consult with a counselor for other available options to meet this requirement. Note: One quarter of foreign language study is not sufficient to satisfy this requirement—2 quarters minimum required.

American Sign Language 101; Arabic 101; Chicano Studies 117 (before Fall 06); Chinese 101; French 101; German 101; Hebrew 101; Italian 101; Japanese 101; Korean 101; Latin 101; Russian 101 (before Fall 06); Spanish 101, 101CD, 132, 145 (before Fall 06)

Advanced Placement
For complete information regarding Advanced Placement exams applicable to IGETC certification, see “Advanced Placement” in the Catalog Index.

Certificate of Achievement in IGETC
The Certificate of Achievement in IGETC at Santa Barbara City College is designed for transfer-bound students who complete their lower-division General Education requirements through the IGETC pattern prior to transferring to a University of California or a California State University campus.

Certificate Requirements
Students must complete all of the IGETC requirements as outlined above for a total of 35-40 semester units. All courses must be completed with a “C” grade or better or “Pass.”

II. California State University General Education Breadth
The CSU General Education Breadth is a pattern of courses that community college students can use to satisfy lower division general/graduation requirements at any California State University (CSU) campus. Completion of these courses is not required for admission to CSU. However, students who do not complete all the lower division G.E. requirements will not be “fully certified.” As a result, these students will be subject to additional G.E. requirements after transfer.

Certification
Certification of the CSU G.E. Breadth pattern is not automatic and must be requested at the SBCC Transfer Center (Student Services Rm. 140) after the student’s last semester in attendance at SBCC. Certification will not be made when courses are still in progress or before grades are known. Coursework completed at other regionally-accredited two- or four-year colleges will be used in the CSU certification process. Students must attach copies of their official transcripts from other colleges to their request for CSU certification.
Santa Barbara City College
2009-2010 CSU General Education Breadth Courses

CSU General Education Breadth requirements for Santa Barbara City College are also available on the ASSIST website at www.assist.org. Completion of the CSU General Education Breadth pattern represents approximately 39 units of the total transferable units required for CSU transfer admissions.

Area A—English Language Communication and Critical Thinking
(Minimum of 9 semester units or 12-15 quarter units with 1 course from each subarea A1, A2 and A3)

A1—Oral Communication (3 semester or 4 quarter units): COMM 121 (Fall 98 & after), 121H (Fall 03 & after), 131, 131H, 141, 161

A2—Written Communication (3 semester or 4 quarter units): ENG 110, 110GB, 110H

A3—Critical Thinking (3 semester or 4 quarter units): COMM 235; ENG 111, 111GB, 111H, 111HG, 115 (before Fall 04), 115H, PHIL 111, 205

Area B—Scientific Inquiry and Quantitative Reasoning
(Minimum of 9-12 semester units or 12-15 quarter units with at least 1 course from each subarea B1, B2 and B4, plus a laboratory activity related to one of the completed science courses. The laboratory science courses appear underlined.)


B2—Life Science (3 semester or 4 quarter units): ANTH 101; BIOL 100, 101, 102, 103, 104, 104+105, 106, 110, 110+111, 110H, 112, 112+141(Spring 06 & after), 120, 122,122+123, 124, 125, 126, 140, 140+141 (Spring 06 & after)144, 150, 172 (Fall 07 & after); BMS 100, 107, 108, 109, 117, 118 (Fall 05 & after), 127, 136, 146; BOT 100, 121, 122, 123, 129; ERTH 122 (Spring 07 & after); ENVS 110, 110+111; PSY 110; ZOOL 110, 122, 122+123, 124, 137 (Spring 06 & after), 140

B3—Laboratory Activity: Associated with the course taken to satisfy either B1 or B2. Laboratory courses appear underlined in Areas B1 and B2.

B4—Mathematics/Quantitative Reasoning (3 semester or 4 quarter units):
CS 143; MATH 108 (Fall 08 & after), 117, 117H, 120, 130, 131, 137, 138, 150, 160, 200, 210, 220; PSY 150

Area C—Arts and Humanities
(Minimum of 9 semester units or 12-14 quarter units with at least one course in the arts and one in the humanities)

C1—Arts — Arts, Cinema, Dance, Music, Theater:

C2—Humanities — Literature, Philosophy, Languages Other than English:
ARBC 101, 102; ASAM 101 (Fall 08 & after), 102 (Fall 08 & after); ASL 101 (Spring 05 & after), 102, 103, 104, 125; BLST 113; CHIN 101, 102 (Fall 05 & after), 103; CHST 113, 114, 115; ECE 115; ENG 221, 221GB, 222, 222GB, 225, 225GB, 226, 226H, 231, 231GB (Spring 07 & after), 232, 232GB (Spring 07 & after), 236, 236GB, 237, 237GB, 240, 241, 251, 261, 262, 262GB; ENVS 112; ETHS 101, 101H, 121, 122; FS 101, 101H (Fall 08 & after), 110, 111, 115, 116, 118, 119, 121; FR 101, 102, 103, 104, 132 (Spring 07
Area D—Social Sciences
(Minimum of 9 semester units or 12-15 quarter units with courses taken in more than one subarea)

D0—Sociology and Criminology:
AJ 101, 102 (Fall 07 & after), 125, 255; SOC 101, 101H, 103 (Fall 05 & after), 104, 106, 109, 113 (Fall 05 & after), 115, 118

D1—Anthropology and Archeology:
ANTH 102, 103, 104, 109, 113, 121-126

D2—Economics:
ERTH 142; ECON 101, 102, 106, 108; GEOG 105

D3—Ethnic Studies:
AJ 105; ASAM 101, 102; BLST 101, 102, 103; CHST 101, 102, 103, 121; COMM 151; ETHS 101, 101H, 107, 109, 110, 121, 122; HIST 114, 114H, 116, 117; NATA 101, 102, 103, 104, 105; SPAN 135 (before Fall 05), 136

D4—Gender Studies:
AJ 260; ETHS 121, 122

D5—Geography:
ERTH 142; GEOG 102, 105, 106

D6—History:

D7—Interdisciplinary Social or Behavioral Science:
AJ 271; COMM 101, 171, 288, 289; ECE 102, 120; GLST 101, 102, 110; POLS 124; PSY 135; SOC 118; SPAN 138, 139

D8—Political Science, Government and Legal Institutions:
AJ 102 (before Fall 09), 105, 107, 245; POLS 101, 104, 106H, 107, 110, 121, 122, 123, 124, 126, 130, 131, 132, 134H, 136, 151, 151H

D9—Psychology:
PSY 100, 100H, 106, 115 (Fall 05 & after), 120, 125, 135, 140, 145, 170, 175, 200

Area E—Lifelong Learning and Self-Development
(Minimum of 3 semester units or 4-5 quarter units)

ADC 120 (Spring 07 & after), 124 (Spring 07 & after), 130 (Spring 07 & after), 133 (Spring 07 & after), 128, 136; COMM 121 (before Fall 06); ECE 120 (Fall 05 & after); HE 101, 102, 111, 213; PD 100, 110; PSY 115 (Fall 05 & after), 125, 130, 140 (Fall 05 & after), 145; SOC 103, 106, 113

CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS

This requirement may be met before or after transfer to the CSU. At the discretion of the CSU campus granting the degree, courses meeting this requirement may also be counted toward certification in general education. Students satisfy this CSU graduation requirement through coursework in three areas: US-1, US-2 and US-3. A student must take one course from each of the three areas. A student may use the same course to satisfy more than one area (US-1, US-2, US-3), if applicable. Note: The combination of History 101 and 102 (or 102H) may also satisfy this requirement but ONLY if both courses were completed before Fall 2004.

US – 1: Historical Development of American Institutions and Ideals: Asian American Studies 101; Black Studies 101,102 (before Fall 04); Chicano Studies 101; Ethnic Studies 101,101H; History 100, 101,102,102H,110,114,114H,116; Native American Studies 101
US – 2: U.S. Constitution and Government: Political Science 101,104,106H (before Fall 04)
US – 3: U.S. California State and Local Government: Political Science 101,104,106H (before Fall 04)

Advanced Placement

For complete information regarding Advanced Placement exams applicable to CSU GE Breadth certification, see “Advanced Placement” in the Catalog Index.

International Baccalaureate

International Baccalaureate credit will be applied to CSU GE Breadth certification and count for CSU transferable credit as follows, in accordance with CSU Coded Memorandum AA-2009-11:

<table>
<thead>
<tr>
<th>IB Subject</th>
<th>Score</th>
<th>CSU Elective Units</th>
<th>Units for CSU GE</th>
<th>CSU GE Area</th>
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<tr>
<td>Biology HL</td>
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<td>6.0</td>
<td>3.0</td>
<td>B2</td>
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<tr>
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<td>Geography HL</td>
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<td>3.0</td>
<td>D5</td>
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<tr>
<td>History (any region) HL</td>
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<td>6.0</td>
<td>3.0</td>
<td>C2 or D6</td>
</tr>
<tr>
<td>Language A1 (any language) HL</td>
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<td>6.0</td>
<td>3.0</td>
<td>C2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IB Subject</th>
<th>Score</th>
<th>CSU Elective Units</th>
<th>Units for CSU GE</th>
<th>CSU GE Area</th>
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</tbody>
</table>

The IB curriculum offers language at various levels for native and non-native speakers. Language B courses are offered at the intermediate level for non-natives. Language A1 and A2 are advanced courses in literature for native and non-native speakers, respectively.

Certificate of Achievement in CSU General Education Breadth

The Certificate of Achievement in CSU General Education Breadth at Santa Barbara City College is designed for transfer-bound students who complete their lower-division General Education requirements through the CSU General Education Breadth pattern prior to transferring to a California State University campus.

Certificate Requirements

Students must complete all of the CSU General Education Breadth requirements as outlined earlier for a total of 39 semester units. The CSU General Education Breadth pattern must be completed with a cumulative grade point average of 2.0 or better to earn the certificate. “Pass” grades in courses used to satisfy the CSU General Education Breadth pattern are allowed.

III. Campus-Specific General Education Pattern

Students who do not complete IGETC or the CSU General Education Breadth pattern will be subject to the General Education pattern of the campus to which they transfer. Please refer to the respective UC, CSU or appropriate four-year institution campus catalog for a complete list of campus-specific General Education requirements.