

Department Requirements (Total Department Units: 31)

2011-12 Course No.	Previous Course No.	Title	Units	Institution & Course No.	Grade	Units (s/q)	Term
• DRFT 101	.....(DRAFT 101/1)	..... Basic Drafting	..... 3.0				
• DRFT 130	.....(DRAFT 130/21)	..... Comp.-Assisted Draft & Dsgn I	..... 5.0				
ENGR 130	.....(21)	..... Comp.-Assisted Draft & Dsgn I	..... 5.0				
• DRFT 131	.....(DRAFT 131/22)	..... Comp.-Assisted Draft & Dsgn II	..... 5.0				
ENGR 131	.....(22)	..... Comp.-Assisted Draft & Dsgn II	..... 5.0				
<i>Plus 15 units of Drafting Electives selected from the following: #</i>							
• DRFT 105	.....(DRAFT 105/3)	..... Engineering Graphics	..... 4.0				
ENGR 105	.....(5)	..... Engineering Graphics	..... 4.0				
• DRFT 120	.....(DRAFT 120/12)	..... Architectural Drafting I	..... 3.0				
• DRFT 121	.....(DRAFT 121/7)	..... Architectural Drafting II	..... 3.0				
• DRFT 124	.....(DRAFT 124/4)	..... Architectural Rendering I	..... 3.0				
• DRFT 125	.....(DRAFT 125)	..... Architectural Rendering II	..... 3.0				
• DRFT 126	.....(DRAFT 126/6)	..... Landscape Drafting I	..... 3.0				
EH 126	.....(none)	..... Landscape Drafting I	..... 3.0				
• DRFT 127	.....(DRAFT 127)	..... Landscape Drafting II	..... 3.0				
EH 127	.....(none)	..... Landscape Drafting II	..... 3.0				
• DRFT 129	.....(DRAFT 129)	..... Prin. of Residential Construction	..... 3.0				
• DRFT 132	.....(DRAFT 132/23)	..... Comp-Assist Draft & Design III	..... 5.0				
ENGR 132	.....(23)	..... Comp-Assist Draft & Design III	..... 5.0				
• DRFT 136	.....(DRAFT 136/MAT 136/ENGR 136)	..... Computer Animation I	..... 3.0				
MAT 136	.....(136/DRAFT 136/ENGR 136)	..... Computer Animation I	..... 3.0				
• DRFT 137	.....(DRAFT 137)	..... Visual Effects Film, TV & Gaming	..... 3.0				
MAT 137	.....(none)	..... Visual Effects for Film, TV & Gaming	..... 3.0				
• DRFT 138	.....(DRAFT 138)	..... 3-D Character Animation	..... 3.0				
MAT 138	.....(none)	..... 3-D Character Animation	..... 3.0				
• DRFT 290#	.....(DRAFT 290/61A/298A)	..... Work Experience in Drafting	..... 1-4				
• DRFT 299	.....(DRAFT 299/99A/299A)	..... Independent Study in Drafting	..... 1-4				
<i>Plus 3 units of Controlled Electives selected from the above list of Drafting Electives or from the following: #</i>							
• CNEE 150	.....(ECT 100/10)	..... Concepts of Electronics	..... 4.0				
• ENGR 115	.....(15)	..... Statics and Strength of Materials	..... 4.0				
• ENGR 117+	.....(17)	..... Electronic Circuits	..... 3.0				
• ENGR 117L	.....(18)	..... Electronic Circuits, Lab	..... 1.0				

+ENGR 140 will also satisfy this requirement.

Note: Up to 16 of the 18 units of electives required may be DRFT 290 (Work Experience in Drafting).

Certificate of Achievement Requirements: Complete all department requirements for the certificate with a cumulative grade point average (GPA) of 2.0 or better. Candidates for a Certificate of Achievement are required to complete at least 20% of the department requirements through SBCC. Pass/no Pass grading is not permitted in those courses needed to fulfill department requirements.

Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Armando Arias del Cid, Department Chair, 965-0581, Ext. 2436. Check your certificate progress with DARS U-Achieve at www.sbcc.edu/DARS.

Programs of Study *(In alphabetical order)*

Accounting (AS) Accounting/Assistant Bookkeeper I-IV [I-III (D); IV (C)] Accounting Information Systems I-III (SCA) Acute Care CNA (SCA) Administration of Justice (AA/AS/C) – 3 emph. avail for AS & C, 1 for AA Advanced Studies in Alcohol and Drug Counseling (SCA) Alcohol and Drug Counseling (AA/C) Animation (AA/C) Anthropology (AA) Applied Photography (AA/C) Art (AA) - 2 emphases available Associate Child Care Teacher (C) Automotive Services & Technology (AS/C)	History (AA) Home Health Aide (SCA) Honors (C/C with highest honors) – 2 emphasis available Hospitality (AS/C) Hospitality Operations Specialist (SCA) Human Resource Hospitality Specialist (SCA)
Baking and Pastry (SCA) Biological Sciences (AA) Bio-Medical Sciences (D) Black Studies (AA) Bookkeeping (SCA) Business Admin. (AA/C/SCA) – 3 emphases avail for AA, 2 for C, 2 for SCA Business Communications (SCA)	Infant/Toddler Development (C) Information Technology Management (SCA) Interior Design (AA/C) International Business (AA/C) International Marketing Communication (SCA) Introduction to Teaching English as a Foreign Language (SCA)
Cancer Information Management (AS/C) Certified Nursing Assistant (SCA) Chemistry (AA) Chicano Studies (AA) Cisco Networking Associate (SCA) Cisco Networking Professional (SCA) Commercial Diving (SCA) Commercial Music (C) Communication (AA) - 2 emphases available Computer App. & Office Managem. (AS/C) - 2 emphases available Computer Information Systems (AS) – 1emphasis available Computer Network Engineering (AS/C) Computer Networking Technology (SCA) Computer Proficiency Online (SCA) Computer Science (AS/C) Cosmetology (AS/C) Creative Writing (C) – 2 emphases available Culinary Arts (AS/C)	Journalism (AA/C) – 3 emphases available Landscape Operations (SCA) Law & Society (AA) - Emphasis in Criminal Justice available Liberal Arts & Sciences (AA) – 4 emphasis available Liberal Studies (AA) – Emphasis in Education
Database Programming and Applications Development (C) Diagnostic Medical Sonography (C) Digital Darkroom and Color Management for RGB (SCA) Diversity Issues in ECE (C) Drafting/CAD (AS/C)	Manicure (SCA) Marine Diving Technician (AS/C) Marine Science (D) Marketing (AA/C) Mathematics (AA) Media Arts (AA/C) Media Design and Development (SCA) Medical Coding Specialist (C) Microsoft Office Development (SCA) Microsoft SQL Server Database Administration (SCA) Microsoft Windows System Administration and Security (SCA) Middle East Studies (AA) Mobile Application Developer (SCA) Mobile Device Administration (SCA) Mobile Media Core (SCA) Music (AA/D)
Early Childhood Education (AS/C) Economics (AA) Emergency Medical Technician/Basic (SCA) Engineering (AA/AS) English (AA) Entrepreneurship (SCA) – 3 emphases available Environmental Horticulture (AS/C) - 4 emphases available for AS, 1 for C Environmental Studies (AA) Esthetician (SCA) – 2 levels available Ethnic Studies (AA)	Native American Studies (AA) Natural History (AA/D) Nursing - ADN (AS)
Film Production (AA) Film Studies (AA) Finance (AA/C) French (AA)	Office Assistant (SCA) PC Support/Network Management (C) Personal Chef Training (SCA) Philosophy (AA) Photo Design (SCA) – 3 awards available Physical Education (AA) - 3 emphases available Physics (AA/AS) Political Science (AA) Post-Professional Practice in ADC (C) Print and Color Management for CMYK (SCA) Psychology (AA)
Game Design (D) Geography (AA) Geological Sciences (AA) Global Studies (AA) Graphic Design & Photography – Graphic Design Concentration (AA) Graphic Design (C) Great Books Curriculum (D)	Radiography (AS) Real Estate (AS/C)
Health Care IT Workforce Training (SCA) Health Information Technology (AS) Help Desk and Desktop Support (SCA) – 2 levels available	Sales and Marketing (SCA) School-Age Care (C) Sociology (AA) Spanish (AA) Sustainable Horticulture (SCA)
	Technical Writing (SCA) Theatre Arts (AA) - 3 emphases available and 1 department award Transfer – CSU General Education Breadth Pattern (C) Transfer – IGETC (C)
	Virtualization System Administration (SCA) Vocational Nursing (AS/C)
	Water Science (C) - 4 options available Web Journalism (SCA) Web Marketing and Media Design (SCA) Web Programming (SCA) Web Server Administration (SCA)

Key: (AA)=Associate in Arts; (AS)=Associate in Science; (C)=Certificate of Achievement; (D)=Department Award; (SCA)= Skills Competency Award

Your Educational Goal Options

Associate in Arts (A.A.)

Associate in Arts for Transfer (AA-T)

Associate in Science (A.S.)

An Associate Degree is the first college degree you can earn, and it signifies the completion of **60 semester units** of college work in General Education courses (G.E.) and courses required for your major. Associate in Science Degrees are awarded for occupational and technical majors. Many students require basic skills work to prepare them for college curriculum, and those students may be required to take more than 60 units to complete the Associate Degree.

Certificate of Achievement Programs

A short-term program (usually one to three semesters for full time students) in an occupational, technical, or business field. Certificate programs focus almost exclusively on preparing you for a specific occupation or area of employment. Few courses outside of the major field are required.

Transfer Program

At SBCC, you may complete your first two years of university work required for a Bachelor’s Degree (**4-year college degree**) and transfer as a junior to the baccalaureate institution. You may transfer with or without an Associate Degree. Consult with a counselor.

Skills Competency Award

The Skills Competency Award (SCA) Program identifies courses which, when taken together, will best prepare students to enter the workforce in their chosen field. These awards provide future employers with verification that the student has mastered core competencies.

Department Awards

Department awards are designed for programs that provide students with needed skills in a particular area in a short period of time. Department awards are not state-approved. They are offered to provide recognition of achievement in different areas of study.



Santa Barbara City College

Drafting/CAD

2011-12

Certificate of Achievement in Drafting/CAD

The one-year Drafting Certificate Program focuses on application of state-of-the-art Computer Assisted Design (CAD) systems and applying engineering and architectural principles, fundamentals, and methods to achieve practical results. This program offers comprehensive training for entry-level drafting positions.

Careers in Drafting/CAD

The Drafting Program prepares students for employment as design/production drafters as well as giving them the skills necessary for becoming Computer Assisted Drafting operators in mechanical, electrical, civil and other related engineering or architectural areas.

SBCC: Your Open Door to Educational Excellence