

## 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.

### Department Requirements (Total Department Units: 31)

<i>Current Course No.</i>	<i>Previous Course No.</i>	<i>Title</i>	<i>Units</i>	<i>Institution &amp; Course No.</i>	<i>Grade</i>	<i>Units (s/q)</i>	<i>Term</i>
• DRFT 101	.....(DRAFT 101/1)	..... Basic Drafting	..... 3.0	_____			
• DRFT 130	.....(DRAFT 130/21)	..... Comp.-Assisted Draft & Dsgn I	..... 5.0	_____			
• DRFT 131	.....(DRAFT 131/22)	..... Comp.-Assisted Draft & Dsgn II	..... 5.0	_____			
<i>Plus 15 units of Drafting Electives selected from the following: #</i>							
• 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 <b>OR</b>	..... 3.0	_____			
EH 126	.....(none)	..... Landscape Drafting I	..... 3.0	_____			
• DRFT 127	.....(DRAFT 127)	..... Landscape Drafting II <b>OR</b>	..... 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	_____			
• DRFT 290#	.....(DRAFT 290/61A/298A)	..... Work Experience in Drafting	..... 1-4	_____			
• DRFT 299	.....(DRAFT 299/99A/299A)	..... Independent Study in Drafting	..... 1-4	_____			
• ENGR 105	.....(5)	..... Engineering Graphics	..... 4.0	_____			
• MAT 136	.....(136/DRAFT 136/ENGR 136)	..... Computer Animation I	..... 3.0	_____			
• MAT 137	.....(none)	..... Visual Effects for Film, TV & Gaming	..... 3.0	_____			
• MAT 138	.....(none)	..... 3-D Character Animation	..... 3.0	_____			
<i>Plus 3 units of Controlled Electives selected from the above list of Drafting Electives or from the following: #</i>							
• 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).

### 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.

**Associate Degrees and Certificates of Achievement (In alphabetical order) - For a complete list of programs of study (associate degrees, certificates, skills competency awards and department awards) and requirements, go to [http://www.sbcc.edu/appl/degrees\\_certificates.php](http://www.sbcc.edu/appl/degrees_certificates.php).**

Accounting (AS)  
 Accounting/Assistant Bookkeeper IV (C)  
 Administration of Justice (AA/AS/C)-3 emph. avail (AS&C), 1(AA)  
 Administration of Justice for Transfer (AS-T)  
 Alcohol and Drug Counseling (AA/C)  
 American Sign Language (AA)  
 Animation and Gaming (AA/C)  
 Anthropology (AA)  
 Anthropology for Transfer (AA-T)  
 Applied Photography (AA/C)  
 Art (AA) - 2 emphases available  
 Art History for Transfer (AA-T)  
 Associate Child Care Teacher (C)  
 Automotive Services & Technology (AS/C)

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Biological Sciences (AA)  
 Black Studies (AA)  
 Business Administration (AA/C) – 3 emphases available for AA, 2 for C  
 Business Administration for Transfer (AS-T)

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Cancer Information Management (AS/C)  
 Chemistry (AA)  
 Chicano Studies (AA)  
 Commercial Music (C)  
 Communication (AA) - 2 emphases available  
 Communication Studies for Transfer (AA-T)  
 Computer App. & Office Mgmt (AS/C) - 2 emphases available  
 Computer Information Systems (AS) – Emph. in System Admin. available  
 Computer Network Engineering (AS/C)  
 Computer Science (AS/C)  
 Construction Technology (AS/C)  
 Cosmetology (AS/C)  
 Creative Writing (C) – 2 emphases available  
 Culinary Arts (AS/C)

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Database Programming and Applications Development (C)  
 Diagnostic Medical Sonography (C)  
 Diversity Issues in ECE (C)  
 Drafting/CAD (AS/C)

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Early Childhood Education (AS/C)  
 Early Childhood Education for Transfer (AS-T)  
 Economics (AA)  
 Economics for Transfer (AA-T)  
 Elementary Teacher Education (AA-T)  
 Engineering (AA/AS)  
 English (AA)  
 English for Transfer (AA-T)  
 Environmental Horticulture (AS/C) - 4 emphases available for AS, 1 for C  
 Environmental Studies (AA)  
 Ethnic Studies (AA)

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Film Production (AA)  
 Film and Media Studies (AA)  
 Finance (AA/C)  
 French (AA)

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Geography (AA)  
 Geography for Transfer (AA-T)  
 Geological Sciences (AS)  
 Geology for Transfer (AS-T)  
 Global Studies (AA)  
 Graphic Design & Photography – Graphic Design Conc. (AA/C)

Health Information Technology (AS)  
 Healthy Aging (AA)  
 History (AA)  
 History for Transfer (AA-T)  
 Honors (C/C with highest honors) – 2 emphases available  
 Hospitality (AS/C)  
 Infant/Toddler Development (C)  
 Interior Design (AA/C)  
 International Business (AA/C)  
 Introduction to Graphic Design (C)

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Journalism (AA/C)  
 Journalism for Transfer (AA-T)

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Kinesiology for Transfer (AA-T)

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Law & Society (AA) - Emphasis in Criminal Justice available  
 Liberal Arts (AA) – Emphasis in Biomedical Sciences  
 Liberal Arts & Sciences (AA) – 3 emphases available  
 Liberal Studies (AA) – Emphasis in Education

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Marine Diving Technician (AS/C)  
 Marketing (AA/C)  
 Mathematics (AA)  
 Mathematics for Transfer (AS-T)  
 Media Arts (AA/C)  
 Medical Coding Specialist (C)  
 Middle East Studies (AA)  
 Music (AA)

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Native American Studies (AA)  
 Natural History (AA)  
 Nursing - ADN (AS)

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PC Support/Network Management (C)  
 Philosophy (AA)  
 Philosophy for Transfer (AA-T)  
 Physical Education (AA) – Emphasis in Athletic/Personal Fitness avail.  
 Physics (AA/AS)  
 Physics for Transfer (AS-T)  
 Political Science (AA)  
 Political Science for Transfer (AA-T)  
 Post-Professional Practice in ADC (C)  
 Psychology (AA)  
 Psychology for Transfer (AA-T)

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Radiography (AS)  
 Real Estate (AS/C)

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School-Age Care (C)  
 Sociology (AA)  
 Sociology for Transfer (AA-T)  
 Spanish (AA)  
 Spanish for Transfer (AS-T)  
 Studio Arts for Transfer (AA-T)

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Theatre Arts (AA) - 3 emphases available  
 Theatre Arts for Transfer (AA-T)  
 Transfer – CSU General Education Breadth Pattern (C)  
 Transfer – IGETC (C)

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Vocational Nursing (AS/C)

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Wastewater Technology Education (C)  
 Water Technology Education (C)

Key: (AA)=Associate in Arts; (AA-T)=Associate in Arts for Transfer; (AS)=Associate in Science; (AS-T)= Associate in Science for Transfer; (C)=Certificate of Achievement



Santa Barbara City College

# Drafting/CAD

2017-18

## 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***