

Department Requirements (Total Department Units: 31)

<i>2011-12</i> Course No.	<i>Previous</i> Course No.	<i>Title</i> <small>applies to SBCC GE areas</small>	<i>Units</i>	<i>Institution &</i> Course No.	<i>Grade</i>	<i>Units</i> (s/q)	<i>Term</i>
• DRFT 101	(DRAFT 101/1).....	Basic Drafting	3.0				
• DRFT 130	(DRAFT 130/21).....	Comp.-Assisted Draft & Dsgn I OR	5.0				
ENGR 130.....	(21)	Comp.-Assisted Draft & Dsgn I	5.0				
• DRFT 131	(DRAFT 131/22).....	Comp.-Assisted Draft & Dsgn II OR	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 OR	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 OR	3.0				
EH 126	(none).....	Landscape Drafting I	3.0				
• DRFT 127	(DRAFT 127).....	Landscape Drafting II OR	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 OR	5.0				
ENGR 132.....	(23)	Comp-Assist Draft & Design III.....	5.0				
• DRFT 136	(DRAFT 136/MAT 136/ENGR 136).....	Computer Animation I OR	3.0				
MAT 136.....	(136/DRAFT 136/ENGR 136)	Computer Animation I.....	3.0				
• DRFT 137	(DRAFT 137).....	Visual Eff. for Film, TV & Gaming OR ..	3.0				
MAT 137.....	(none).....	Visual Effects for Film, TV & Gaming ...	3.0				
• DRFT 138	(DRAFT 138).....	3-D Character Animation OR	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).

Associate Degree Graduation Requirements: (1) Complete all department requirements with a “C” or better in each course. Candidates for an Associate Degree are also 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; (2) Complete at least 18 units of General Education Requirements ([Areas A-D](#) of the SBCC General Education pattern); (3) Complete the SBCC Institutional Requirements ([Area E](#)); (4) Complete the Information Competency Requirement ([Area F](#)); (5) Complete a total of 60 degree-applicable units (SBCC courses numbered 100 and higher); (6) Maintain a cumulative GPA of 2.0 or better in all units attempted at SBCC; (7) Maintain a cumulative GPA of 2.0 or better in all college units attempted; and (8) Candidates for an Associate Degree are required to complete 15 units through SBCC.

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 degree progress with DARS U-Achieve at www.sbcc.edu/DARS.

SBCC AA/AS Degree Graduation Requirements (Must complete I, II, III and IV below)



Santa Barbara City College

Drafting/CAD

2011-12

Associate in Science Degree in Drafting/CAD

The Drafting Program at Santa Barbara City College focuses on application of state-of-the-art Computer-Aided Design Systems and applying engineering and architectural principles, fundamentals, and methods to achieve practical results. This degree program offers comprehensive training for entry-level drafting positions as well as providing students with technical knowledge and skills for transfer to upper division programs at four-year institutions.

Careers in Drafting/CAD

Students receiving the Associate Degree are prepared for employment as design/production drafters as well as receiving the skills necessary for becoming Computer-Assisted Drafting operators in mechanical, electrical, civil and other related engineering or architectural areas

I. General Education, Institutional & Information Competency (Institution & Course Number)	Grade	Units (s/q)	Term
A-D. General Education Requirements**			
A. Natural Sciences with Lab			
B. Social and Behavioral Science			
C. Humanities			
D. Language and Rationality			
D-1. English Composition			
D-2. Communication and Analytical Thinking			
E. SBCC Institutional Requirements**			
E-1. Mathematics			
<i>Plus complete three out of the four areas listed below (E2-E5)</i>			
E-2. American Institutions			
E-3. Physical Education/Health Education			
E-4. Oral Communication			
E-5. Multicultural/Gender Studies			
F. Information Competency Requirement**			

**For specific course, unit and grade requirements see the General Education, Institutional and Information Competency Requirements handout available in the Counseling department or visit <http://www.sbccc.edu/apply/files/gereq.pdf>.

II. Unit and Grade Point Average Requirements: Refer to Graduation Requirements on the other side of this document.

	<i>Total Semester Units Attempted</i>	<i>Total Semester Units Completed</i>	<i>Grade Points</i>	<i>GPA</i>
SBCC				
Transfer				
Total				

- III. Residency Requirements:**
- 1) 15 units completed through SBCC? Yes No
 - 2) 20% of Department Requirements completed through SBCC? Yes No

IV. Department Requirements: Refer to the other side of this document for a list of required courses. Were all department requirements completed with a "C" or higher in each course? Yes No

Waivers/Substitutions: _____

Counselor Comments: _____

Student's name: _____ Student ID: K _____

Counselor's Name: _____ Code: _____ Date: _____

