

Department Requirements
(Total Department Units: 49.5-54)

2011-12 Course No.	Previous Course No.	Title <small>applies to SBCC GE areas</small>	Units	Institution & Course No.	Grade	Units (s/q)	Term
• BIOL 124	(24)	Biological Oceanography ^A OR	4.0				
• BIOL 142	(none)	Marine Science ^A OR	3.0				
• EARTH 151	(EARTH 151/2)	Physical Oceanography	3.0				
• BIOL 125	(25)	Marine Biology ^A	4.0				
• DRFT 101	(DRAFT 101/1)	Basic Drafting OR	3.0				
• DRFT 105	(DRAFT 105/3)	Engineering Graphics OR	4.0				
• ENGR 105	(5)	Engineering Graphics OR	4.0				
• DRFT 130	(DRAFT 130/21)	Comp.-Assisted Draft & Dsgn I OR	5.0				
• ENGR 130	(21)	Comp.-Assisted Draft & Dsgn I	5.0				
• EMT 110	(AH110/HT 110/9)	Emergency Medical Technician - Basic	5.2				
• MDT 101	(none)	Information and Introduction to MDT	0.3				
• MDT 104	(none)	Fundamentals & Practices of Diving	3.8				
• MDT 105	(none)	Advanced SCUBA Techniques	1.7				
• MDT 106	(none)	Open Water Navigation and Rescue	0.5				
• MDT 107	(none)	Hyperbaric Chamber Operations	1.5				
• MDT 108	(none)	Rigging	1.6				
• MDT 109	(none)	Seamanship & Small Boat Handling	2.1				
• MDT 111	(none)	First Aid for the Diving Professional	1.3				
• MDT 112	(none)	Introduction to Marine Welding	1.1				
• MDT 140	(none)	Principles of Surface Supplied Diving	1.2				
• MDT 141	(none)	Commercial Diving Equipment	2.2				
• MDT 142	(none)	Surface Supplied Ocean Diving	1.8				
• MDT 143	(none)	Mixed Gas Diving	1.7				
• MDT 145	(none)	Prin. of Underwater Cutting and Welding	1.3				
• MDT 146	(none)	Adv. Underwater Cutting and Welding	0.6				
• MDT 147	(none)	Ocean Structures	0.9				
• MDT 148	(none)	Hydraulics I	1.3				
• MDT 152	(none)	Underwater Tools and Inspection	1.9				
• MDT 154	(none)	Bell and Saturation Diving Procedures	2.2				
• MDT 179	(none)	NITROX Diving	0.8				
• MDT 190	(none)	Assessment and Dev. of Diving Comp.	0.5-2				
• PHYS 101/101L	(1)	Conceptual Physics ^A OR	4.0				
• PHYS 101H	(101HR)	Conceptual Physics, Honors ^A	4.0				

Recommended Electives:

• CS 101	(COMSC 101/1)	Computer Concepts	3.0				
• MDT 162	(none)	Professional Involvem. in Marine Techn	0.5-2				
• MDT 174	(none)	Diving in Contaminated Environments	0.9				
• MDT 180	(none)	Diver Medical Technician	3.0				
• MDT 181	(none)	Heavy Gear Diving	0.3				
• MDT 182	(none)	Underwater Crime Scene Investigation	1.0				
• MDT 183	(none)	Water Survival Training	0.5				
• MDT 290	(none)	Work Experience in Marine Diving Tech	1-4				
• MDT 299	(none)	Independent Study	1-4				
• PE 134	(none)	Swimming for Conditioning	1.0				

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 Geoff Thielst, Department Chair, 965-0581, Ext. 2718. Check your degree progress with DARS U-Achieve at www.sbccc.edu/DARS.

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

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 (E-2 through E-5)</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, grade and other graduation requirements see the General Education, Institutional and Information Competency Requirements handout available in the Counseling department or visit <http://www.sbcc.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: _____



Santa Barbara City College

Marine Diving Technician

2011-12

Associate in Science Degree for Marine Diving Technician

A.S. Degree Marine Diving Technician program trains professional commercial divers and technicians. The program is open to part-time and full-time students for both diving and non-diving related coursework. The training curriculum includes instruction in all phases of commercial diving, hyperbaric medicine, marine science, boating, bell/saturation diving emergency medicine, and remote operated vehicles (ROV's) to name but a few. *Teamwork and Safety* are the prime emphases of marine technician training. Students completing the full Associate in Science program are also eligible for industry certifications which are required for employment. The A.S. degree increases the diversity of career paths and employability of graduates within the marine industry. A.S. degree students train in marine technology and supplement their skills with specialized technology classes and general education requirements.

Careers in Marine Technology

The Marine Technology Program is designed to meet the growing needs of the marine and diving industries that are engaged in underwater construction, research and the worldwide development of marine resources. Graduates can pursue multiple marine career paths in marine and underwater technology working above and below the water with many types of sophisticated marine data collection instruments, diving and life-support equipment. Jobs vary from skilled divers working with all types of equipment above and below the water to the management of marine resources, mariculture, boating, SCUBA, oceanography, research and education.

Admission Requirements: The program is open to all interested students to both diving and non-diving classes.

- 1) Non-diving students submit SBCC Application to Admissions Office
- 2) Students enrolling in diving classes, provide proof of diving certification and submit the Department Application for Diving.

SBCC: Your Open Door to Educational Excellence