

## 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: 25.4)

<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>
• MDT 101	(none)	Information and Introduction to MDT	0.3				
• MDT 104	(none)	Fundamentals and Practices of Diving	2.0				
• MDT 105	(none)	Advanced SCUBA Techniques	1.7				
• MDT 106	(none)	Open Water Navigation and Rescue	0.7				
• MDT 107	(none)	Hyperbaric Chamber Operations	1.5				
• MDT 108	(none)	Rigging	1.0				
• MDT 109	(none)	Seamanship and Small Boat Handling	1.5				
• 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	1.0				
• MDT 141	(none)	Commercial Diving Equipment	1.5				
• MDT 142	(none)	Surface Supplied Ocean Diving	1.8				
• MDT 143	(none)	Mixed Gas Diving	1.1				
• MDT 145	(none)	Prin. of Underwater Cutting and Welding	1.0				
• MDT 146	(none)	Adv. Underwater Cutting and Welding	1.5				
• MDT 147	(none)	Ocean Structures	0.5				
• MDT 148	(none)	Hydraulics I	0.7				
• MDT 152	(none)	Underwater Tools and Inspection	1.7				
• MDT 154	(none)	Bell and Saturation Diving Procedures	1.7				
• MDT 179	(none)	NITROX Diving	0.8				
• MDT 190	(none)	Assessment and Dev. of Diving Comp.	1.0				
Recommended Electives:							
• BIOL 124	(24)	Biological Oceanography <b>OR</b>	4.0				
• BIOL 142	(24)	Marine Science <b>OR</b>	3.0				
• EARTH 151	(EARTH 151/2)	Physical Oceanography	3.0				
• BIOL 125	(25)	Marine Biology	4.0				
• CS 101	(COMSC 101/1)	Computer Concepts	4.0				
• DRFT 101	(DRAFT 101/1)	Basic Drafting <b>OR</b>	3.0				
• DRFT 130	(DRAFT 130/21)	Comp.-Assisted Draft & Dsgn I <b>OR</b>	5.0				
• ENGR 105	(5)	Engineering Graphics	4.0				
• EMT 110	(AH 110/HT 110/9)	Emergency Medical Technician – Basic	6.0				
• MDT 290	(none)	Work Experience in Marine Diving Tech	1-4				
• PE 134A	(134)	Swimming for Conditioning: Beginning	1.5				
• PHYS 101/101L	(1)	Conceptual Physics	4.0				

### Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Geoff Thielst, Department Chair, 965-0581, Ext. 2718.

**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/applv/degrees\\_certificates.php](http://www.sbcc.edu/applv/degrees_certificates.php).**

Accounting (AS)	Health Information Technology (AS)
Accounting/Assistant Bookkeeper IV (C)	Healthy Aging (AA)
Administration of Justice (AA/AS/C)-3 emph. avail (AS&C), 1(AA)	History (AA)
Administration of Justice for Transfer (AS-T)	History for Transfer (AA-T)
Alcohol and Drug Counseling (AA/C)	Honors (C/C with highest honors) – 2 emphases available
American Sign Language (AA)	Hospitality (AS/C)
Animation and Gaming (AA/C)	Infant/Toddler Development (C)
Anthropology (AA)	Interior Design (AA/C)
Anthropology for Transfer (AA-T)	International Business (AA/C)
Applied Photography (AA/C)	Introduction to Graphic Design (C)
Art (AA) - 2 emphases available	Journalism (AA/C)
Art History for Transfer (AA-T)	Journalism for Transfer (AA-T)
Associate Child Care Teacher (C)	Kinesiology for Transfer (AA-T)
Automotive Services & Technology (AS/C)	Law & Society (AA) - Emphasis in Criminal Justice available
Biological Sciences (AA)	Liberal Arts (AA) – Emphasis in Biomedical Sciences
Black Studies (AA)	Liberal Arts & Sciences (AA) – 3 emphases available
Business Administration (AA/C) – 3 emphases available for AA, 2 for C	Liberal Studies (AA) – Emphasis in Education
Business Administration for Transfer (AS-T)	Marine Diving Technician (AS/C)
Cancer Information Management (AS/C)	Marketing (AA/C)
Chemistry (AA)	Mathematics (AA)
Chicano Studies (AA)	Mathematics for Transfer (AS-T)
Commercial Music (C)	Media Arts (AA/C)
Communication (AA) - 2 emphases available	Medical Coding Specialist (C)
Communication Studies for Transfer (AA-T)	Middle East Studies (AA)
Computer App. & Office Mgmt (AS/C) - 2 emphases available	Music (AA)
Computer Information Systems (AS) – Emph. in System Admin. available	Native American Studies (AA)
Computer Network Engineering (AS/C)	Natural History (AA)
Computer Science (AS/C)	Nursing - ADN (AS)
Construction Technology (AS/C)	PC Support/Network Management (C)
Cosmetology (AS/C)	Philosophy (AA)
Creative Writing (C) – 2 emphases available	Philosophy for Transfer (AA-T)
Culinary Arts (AS/C)	Physical Education (AA) – Emphasis in Athletic/Personal Fitness avail.
Database Programming and Applications Development (C)	Physics (AA/AS)
Diagnostic Medical Sonography (C)	Physics for Transfer (AS-T)
Diversity Issues in ECE (C)	Political Science (AA)
Drafting/CAD (AS/C)	Political Science for Transfer (AA-T)
Early Childhood Education (AS/C)	Post-Professional Practice in ADC (C)
Early Childhood Education for Transfer (AS-T)	Psychology (AA)
Economics (AA)	Psychology for Transfer (AA-T)
Economics for Transfer (AA-T)	Radiography (AS)
Elementary Teacher Education (AA-T)	Real Estate (AS/C)
Engineering (AA/AS)	School-Age Care (C)
English (AA)	Sociology (AA)
English for Transfer (AA-T)	Sociology for Transfer (AA-T)
Environmental Horticulture (AS/C) - 4 emphases available for AS, 1 for C	Spanish (AA)
Environmental Studies (AA)	Spanish for Transfer (AS-T)
Ethnic Studies (AA)	Studio Arts for Transfer (AA-T)
Film Production (AA)	Theatre Arts (AA) - 3 emphases available
Film and Media Studies (AA)	Theatre Arts for Transfer (AA-T)
Finance (AA/C)	Transfer – CSU General Education Breadth Pattern (C)
French (AA)	Transfer – IGETC (C)
Geography (AA)	Vocational Nursing (AS/C)
Geography for Transfer (AA-T)	Wastewater Technology Education (C)
Geological Sciences (AS)	Water Technology Education (C)
Geology for Transfer (AS-T)	
Global Studies (AA)	
Graphic Design & Photography – Graphic Design Conc. (AA/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**

# Marine Diving Technician

## 2016-17

### Certificate of Achievement in Marine Diving Technician

A certificate of achievement as a Marine Diving Technician certifies professional commercial divers for employment under ANSI/ACDE-01-1998 industry standards. The training curriculum includes instruction in all phases of commercial diving, hyperbaric medicine, 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 certificate program receive industry certifications which are required for employment. Students completing the full certificate program have the option to seek employment in the marine industry or combine their completed coursework toward an Associate in Science degree in Marine Technology at SBCC.

### Careers in Marine Diving

The Marine Diving 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. 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 an 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***