Skills Competency Award Requirements

Students must complete all courses with a grade of C or higher or Pass. Candidates for a Skills Competency Award are required to complete at least 20% of the department requirements through SBCC.

Total Units Required: 16

<table>
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<tr>
<th>Current Course No.</th>
<th>Previous Course No.</th>
<th>Current Course No.</th>
<th>Previous Course No.</th>
<th>Title</th>
<th>Units</th>
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<tr>
<td>MDT 107...........</td>
<td>(none)...............</td>
<td>Hyperbaric Chamber Operations</td>
<td>1.5</td>
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<td>MDT 108...........</td>
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<td>Rigging</td>
<td>1.0</td>
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<td>MDT 109...........</td>
<td>(none)...............</td>
<td>Seamanship and Small Boat Handling</td>
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<td>MDT 111...........</td>
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<td>First Aid for the Diving Professional</td>
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<td>MDT 112...........</td>
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<td>Introduction to Marine Welding</td>
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<td>MDT 140...........</td>
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<td>Principles of Surface-Supplied Diving</td>
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<td>MDT 141...........</td>
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<td>Commercial Diving Equipment</td>
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<td>MDT 142...........</td>
<td>(none)...............</td>
<td>Surface Supplied Ocean Diving</td>
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<td>MDT 143...........</td>
<td>(none)...............</td>
<td>Mixed Gas Diving</td>
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<td>MDT 145...........</td>
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<td>Principles of Underwater Cutting and Welding</td>
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<td>MDT 146...........</td>
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<td>Advanced Underwater Cutting and Welding</td>
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<td>MDT 152...........</td>
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<td>Underwater Tools and Inspection</td>
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</tbody>
</table>

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/apply/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)

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

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)

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

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)

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

Health Education (AA)
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)

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

Kinesiology for Transfer (AA-T)

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

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)

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

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)

Radiography (AS)

Real Estate (AS/C)

School-Age Care (C)

Sociology (AA)
Sociology for Transfer (AA-T)

Spanish (AA)
Spanish for Transfer (AS-T)

Studio Arts for Transfer (AA-T)

Theatre Arts (AA) - 3 emphases available
Theatre Arts for Transfer (AS-T)

Transfer – CSU General Education Breadth Pattern (C)
Transfer – IGETC (C)

Vocational Nursing (AS/C)

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

Commercial Diving 2016-17

Skills Competency Award in Commercial Diving

Upon completion of the Skills Competency Award in Commercial Diving, the following competencies will be achieved:

- Demonstrate proper tending techniques used in commercial diving.
- Demonstrate proficiency in the safe operation of a hyperbaric chamber.
- Recognize signs/symptoms and select appropriate treatment schedules for diving related accidents.
- Rig proper loads and calculate safety factors for lifting applications.
- Successfully tie knots and perform splicing commonly used in marlinespike seamanship.
- Demonstrate proficiency in safe small boat handling during various at sea conditions.
- Perform First Aid and CPR to American Red Cross standards in single and two rescuer mode.
- Safely perform cutting and welding in both topside and underwater environments.
- Safely use and operate light-weight and heavy gear diving equipment.
- Perform routine operation and maintenance of diesel engines and diving compressors.
- Safely operate and maintain all related surface supplied diving apparatus, support equipment and life support equipment.
- Perform as a Diving Supervisor in a diving operation demonstrating safe, effective leadership skills.
- Demonstrate proficiency in performing safety/planning techniques using industry standards.

Job Opportunities

This program will prepare students for working in the areas of marine technician, commercial diver, commercial diver/tender, underwater welder, hyperbaric technician, marine/offshore, construction, life support technician.

SBCC: Your Open Door to Educational Excellence