### 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>
<thead>
<tr>
<th>Current Course No.</th>
<th>Previous Course No.</th>
<th>Title</th>
<th>Units</th>
<th>Institution &amp; Course No.</th>
<th>Grade (s/q)</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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<tr>
<td>MDT 108</td>
<td>(none)</td>
<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>
<td>1.5</td>
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<tr>
<td>MDT 111</td>
<td>(none)</td>
<td>First Aid for the Diving Professional</td>
<td>1.3</td>
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<tr>
<td>MDT 112</td>
<td>(none)</td>
<td>Introduction to Marine Welding</td>
<td>1.1</td>
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<td>MDT 140</td>
<td>(none)</td>
<td>Principles of Surface-Supplied Diving</td>
<td>1.0</td>
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<tr>
<td>MDT 141</td>
<td>(none)</td>
<td>Commercial Diving Equipment</td>
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<tr>
<td>MDT 142</td>
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<td>Surface Supplied Ocean Diving</td>
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<td>MDT 143</td>
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<td>Mixed Gas Diving</td>
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<td>MDT 145</td>
<td>(none)</td>
<td>Principles of Underwater Cutting and Welding</td>
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<tr>
<td>MDT 146</td>
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<td>Advanced Underwater Cutting and Welding</td>
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<tr>
<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.

**Creative Writing (C)** – 2 emphases available
**Cosmetology (AS/C)**
**Construction Technology (AS/C)**
**Computer Science (AS/C)**
**Computer Network Engineering (AS/C)**
**Associate Child Care Teacher (C)**
**Automotive Services & Technology (AS/C)**

**Biological Sciences (AA)**
**Black Studies (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 ECE (C)**
**Drafting/CAD (AS/C)**

**Early Childhood Education (AS/C)**
**Economics (AA)**
**Engineering (AA/AS)**
**English (AA)**
**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/C)**
**French (AA)**

**Geography (AA)**
**Geological Sciences (AS)**
**Global Studies (AA)**
**Graphic Design & Photography – Graphic Design Concentration (AA/C)**

**Health Information Technology (AS)**
**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 (AS)**
**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 (AS-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 (AA-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

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**Commercial Diving 2015-16**

**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.

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**SBCC: Your Open Door to Educational Excellence**