Cluster: Health Science

CIP: 51.0812 - Respiratory Therapy Technician/Assistant. (Non Traditional - Male)

Status: Open  Start Year: 2011  End Year:  

Minimum Carnegie Units: 2.00

### Group 1

**Minimum Course Selection:** School: 1  ACC: 0  Regional: 0

<table>
<thead>
<tr>
<th>State Course ID</th>
<th>State Course Title</th>
<th>Max Carnegie Units</th>
<th>Start SY</th>
<th>End SY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14002A001</td>
<td>Health Occupations Related Skills</td>
<td>1.00</td>
<td>2011</td>
<td></td>
</tr>
<tr>
<td>14001A001</td>
<td>Orientation to Health Occupations</td>
<td>1.00</td>
<td>2011</td>
<td></td>
</tr>
</tbody>
</table>

### Group 2

**Minimum Course Selection:** School: 0  ACC: 1  Regional: 1

<table>
<thead>
<tr>
<th>State Course ID</th>
<th>State Course Title</th>
<th>Max Carnegie Units</th>
<th>Start SY</th>
<th>End SY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14061A001</td>
<td>Respiratory Therapy</td>
<td>3.00</td>
<td>2011</td>
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</tr>
</tbody>
</table>

### Group 3

**Minimum Course Selection:** School: 0  ACC: 0  Regional: 0

<table>
<thead>
<tr>
<th>State Course ID</th>
<th>State Course Title</th>
<th>Max Carnegie Units</th>
<th>Start SY</th>
<th>End SY</th>
</tr>
</thead>
<tbody>
<tr>
<td>14002A002</td>
<td>Health Occupation Entry-Level Skill Development</td>
<td>3.00</td>
<td>2011</td>
<td></td>
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<tr>
<td>14002A003</td>
<td>Health Occupations Skill Development</td>
<td>3.00</td>
<td>2011</td>
<td></td>
</tr>
<tr>
<td>14998A001</td>
<td>Health Occupations Cooperative Education</td>
<td>3.00</td>
<td>2011</td>
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</tbody>
</table>
## Course Descriptions

### CIP: 51.0812 - Respiratory Therapy Technician/Assistant.

<table>
<thead>
<tr>
<th>State Course ID: 14002A001</th>
<th>Course Title: Health Occupations Related Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>The course provides students with a core of knowledge to the health care industry and helps refine their health care-related knowledge and skills. This core of knowledge will develop the students' cognitive and affective skills in formulating a strong foundation for entry-level skill development. Topics covered usually include (but are not limited to) an overview of health care delivery; patient care, including assessment of vital signs, body mechanics, and diet; anatomy and physiology; identification and use of medical equipment and supplies; medical terminology; hygiene and disease prevention; first aid and CPR procedures; laboratory procedures; and ethical and legal responsibilities.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State Course ID: 14001A001</th>
<th>Course Title: Orientation to Health Occupations</th>
</tr>
</thead>
<tbody>
<tr>
<td>The course should expose students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, vision and dental care, administrative services, and lab technology) which should include classroom and community-based activities. The main purpose of this course is to assist students in further development of their self-concept and in matching personal abilities and interest to a tentative career choice. The suggested course content should provide in-depth information into health occupations careers and trends, the occupational and educational opportunities and the educational, physical, emotional and attitudinal requirements.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State Course ID: 14061A001</th>
<th>Course Title: Respiratory Therapy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Therapy courses provide students with the knowledge and skills necessary to work with patients who have breathing or other cardiopulmonary difficulties or disorders. This course provides a sequence of organized learning experiences and skills designed for the person to assist in the treatment of patients/clients with heart and lung ailments. Topics covered typically include identifying deficiencies and abnormalities of the cardiopulmonary system, understanding the various methods of therapies, and understanding how to use special equipment. Areas to be included are administration of various types of gases and devices to control temperature, air pressure and humidity; patient/client exercises that will clear fluid from lungs and improve the patient's/client's ability to breathe; and cleaning and sterilizing equipment under the direction of the Respiratory Therapist.</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State Course ID: 14002A002</th>
<th>Course Title: Health Occupation Entry-Level Skill Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>The course should include affective, cognitive and psychomotor skills that are common to most health occupations. Some degree of occupational competency can be developed at this level. The units of instruction, activities and skills should be planned and assessed concurrently utilizing the industry or national standards for assessment whenever possible. These units may include diagnostic and therapeutic measures, management functions, transportation and mobility, psycho-social care, anatomy and physiology, administering medications, patients/clients with special needs. Student performance should be learned and practiced in the classroom and laboratory and supervised closely by approved Emergency Medical Services occupations teachers/worksite mentors in a facility through extended campus or clinical experiences. Both extended campus or clinical experiences require written agreements between educational facilities and respiratory health care providers to determine the responsibilities of each agency.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State Course ID: 14002A003</th>
<th>Course Title: Health Occupations Skill Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>The course provides a sequence of organized learning experiences and skills to prepare a person to recognize the signs and symptoms of illness and injury; to begin the approved and appropriate life-support procedures, such as cardiopulmonary resuscitation (CPR); to operate emergency vehicles and communications equipment as patients/clients are moved to a hospital, emergency room; and to fill out the required records and reports after a call. This course should include identified skills to prepare the student for working in the emergency medical arena. The course should include skills to prepare the student for a specific health occupation or cluster of closely related occupations. Health occupations allow for instruction in multiple occupations. The student must be 18 years of age to sit for the national exam.</td>
<td></td>
</tr>
<tr>
<td><strong>State Course ID:</strong></td>
<td>14998A001</td>
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</tbody>
</table>

**Course Descriptions**

**CIP: 51.0812 - Respiratory Therapy Technician/Assistant.**

The course provides students with work experience in the health care industry. This course is designed for students interested in pursuing careers in health occupations. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills, career exploration skills related to the job, and improving students' abilities to interact positively with others. For skills related to the job, refer to industry standards of the desired career. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.