

## PROGRAMS

### RESPIRATORY THERAPY (A45720)

The Respiratory Therapy Curriculum prepares individuals to function as respiratory therapists. In these roles, individuals perform diagnostic testing, treatments, and management of patients with heart and lung diseases.

Students will master skills in patient assessment and treatment of cardiopulmonary diseases. These skills include life support, monitoring, drug administration, and treatment of patients of all ages in a variety of settings.

Graduates of accredited programs may be eligible to take entry-level examinations from the National Board of Respiratory Care. Therapy graduates may also take the Advanced Practitioner examination. Graduates may be employed in hospitals, clinics, nursing homes, education, industry, and home care.

The Respiratory Therapy program at Sandhills is accredited by the

### Associate in Applied Science Degree Program

|                          |                               | Course Hours Per Week |           |          | Semester Hours |
|--------------------------|-------------------------------|-----------------------|-----------|----------|----------------|
| First Semester (Fall)    |                               | Class                 | Lab       | Clinic   | Credit         |
| ACA-115                  | Success & Study Skills        | 0                     | 2         |          | 1              |
| BIO-168                  | Anatomy and Physiology I      | 3                     | 3         |          | 4              |
| CHM-151                  | General Chemistry I           | 3                     | 3         |          | 4              |
| ENG-111                  | Writing and Inquiry           | 3                     | 0         |          | 3              |
| RCP-110                  | Intro to Respiratory Care     | 3                     | 3         |          | 4              |
| RCP-114                  | C-P Anatomy & Physiology      | 3                     | 0         |          | 3              |
| <b>Credit Hours</b>      |                               | <b>15</b>             | <b>11</b> | <b>0</b> | <b>19</b>      |
| Second Semester (Spring) |                               |                       |           |          |                |
| BIO-169                  | Anatomy and Physiology II     | 3                     | 3         |          | 4              |
| CHM-152                  | General Chemistry II          | 3                     | 3         |          | 4              |
| ENG-112                  | Writing/Research in the Disc  | 3                     | 0         |          | 3              |
| RCP-111                  | Therapeutics/Diagnostics      | 4                     | 3         |          | 5              |
| RCP-113                  | RCP Pharmacology              | 2                     | 0         |          | 2              |
| <b>Credit Hours</b>      |                               | <b>15</b>             | <b>9</b>  | <b>0</b> | <b>18</b>      |
| Third Semester (Summer)  |                               |                       |           |          |                |
| RCP-115                  | C-P Pathophysiology           | 2                     | 0         |          | 2              |
| RCP-210                  | Critical Care Concepts        | 3                     | 3         |          | 4              |
| ***                      | Humanities/Fine Arts Elective | 3                     | 0         | 0        | 3              |
| <b>Credit Hours</b>      |                               | <b>8</b>              | <b>3</b>  | <b>0</b> | <b>9</b>       |
| Fourth Semester (Fall)   |                               |                       |           |          |                |

|  |                                     | Course Hours Per Week |          |           | Semester Hours |
|--|-------------------------------------|-----------------------|----------|-----------|----------------|
| RCP-139                                      | RCP Clinical Practice I             | 0                     | 0        | 27        | 9              |
| RCP-211                                      | Adv Monitoring/Procedures           | 3                     | 3        |           | 4              |
| RCP-213                                      | Neonatal/Ped's Concepts             | 2                     | 0        |           | 2              |
|  | <b>Credit Hours</b>                 | <b>5</b>              | <b>3</b> | <b>27</b> | <b>15</b>      |
| <b>Fifth Semester (Spring)</b>               |                                     |                       |          |           |                |
| RCP-149                                      | RCP Clinical Practice II            | 0                     | 0        | 27        | 9              |
| RCP-215                                      | Career Preparation                  | 0                     | 3        |           | 1              |
| ***  | Social/Behavioral Sciences Elective | 3                     | 0        | 0         | 3              |
|  | <b>Credit Hours</b>                 | <b>3</b>              | <b>3</b> | <b>27</b> | <b>13</b>      |
| Total Required Minimum Semester Hours Credit |                                     |                       |          |           | 74             |

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