



**Respiratory Care**

Associate in Science | Code: 23046 | 76 credits

CIP (1351090800)

Effective Term: Fall 2024 (2247)

The Respiratory Care program prepares the successful graduates for employment in health agencies where they will work with the physician and other professionals in treating patients with respiratory ailments or injuries affecting the respiratory function. Emphasis will be placed on supervised clinical instruction and practice in local health care facilities. Completion of this two-year accredited program enables the graduate to apply for entry into the Examination Process of the N.B.R.C.A grade of "C" or better is required in each course.

**GENERAL EDUCATION REQUIREMENTS (15 Credits Required)**

**Communications (3.00 Credits)**

|          |                       |             |  |
|----------|-----------------------|-------------|--|
| ENC 1101 | English Composition 1 | (3 credits) | Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption). |
|----------|-----------------------|-------------|--|

**Humanities (3.00 Credits)**

|          |                            |             |                        |
|----------|----------------------------|-------------|------------------------|
| ARH 1000 | Art Appreciation           | (3 credits) |                        |
| HUM 1020 | Humanities                 | (3 credits) |                        |
| LIT 2000 | Introduction to Literature | (3 credits) | Prerequisite: ENC 1101 |
| MUL 1010 | Music Appreciation         | (3 credits) |                        |
| PHI 2010 | Introduction to Philosophy | (3 credits) | Prerequisite: ENC 1101 |
| THE 2000 | Theatre Appreciation       | (3 credits) |                        |

**Mathematics (3.00 Credits)**

|          |                 |             |                         |
|----------|-----------------|-------------|-------------------------|
| MAC 1105 | College Algebra | (3 credits) | Prerequisite: MAT 1033♦ |
|----------|-----------------|-------------|-------------------------|

♦Note: Students must seek advisement for proper mathematics course from discipline chairperson.

**Natural Science (3.00 Credits)**

|          |                                |             |                        |
|----------|--------------------------------|-------------|------------------------|
| BSC 2085 | Human Anatomy and Physiology 1 | (3 credits) | Corequisite: BSC 2085L |
|----------|--------------------------------|-------------|------------------------|

**Social Science (3.00 Credits)**

|          |                              |             |  |
|----------|------------------------------|-------------|--|
| AMH 2020 | History of the US since 1877 | (3 credits) |  |
| POS 2041 | American Federal Government  | (3 credits) |  |

**COMPUTER COMPETENCY**

Test type(s) needed:

Computer Competency Test (CCT)

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CGS 1060C - Introduction to Computer Technology & Applications

**SCIENCE REQUIREMENTS (8.00 credits)**

|           |   |             |  |
|-----------|---|-------------|--|
| BSC 2085L | Human Anatomy and Physiology 1 Laboratory | (1 credits) | Corequisite: BSC 2085                            |
| BSC 2086  | Human Anatomy & Physiology 2              | (3 credits) | Prerequisite: BSC 2085<br>Corequisite: BSC 2086L |
| BSC 2086L | Human Anatomy & Physiology 2 Laboratory   | (1 credits) | Corequisite: BSC 2086                            |
| CHM 1025  | Introductory Chemistry                    | (3 credits) |  |

**MAJOR CORE REQUIREMENTS (53 credits)**

|           |   |             |   |
|-----------|---|-------------|---|
| RET 1024  | Introduction to Respiratory Care            | (2 credits) | Prerequisite: ENC 1101;<br>Corequisite: RET 1024L, 1484 |
| RET 1024L | Introduction to Respiratory Care Laboratory | (1 credit)  | Corequisite: RET 1024                                   |

|           |   |             |   |
|-----------|---|-------------|---|
| RET 1484  | Respiratory Care Pathophysiology 1                  | (2 credits) | Prerequisite: ENC 1101;<br>Corequisite: RET 1024                          |
| RET 2264  | Advanced Modalities and Monitoring                  | (2 credits) | Prerequisite: RET 2284;<br>Corequisite: RET 2714, 2714L                   |
| RET 2274  | Respiratory Care Theory 1                           | (2 credits) | Corequisite: RET 1024, 1484, 2274   |
| RET 2274L | Respiratory Care Theory Laboratory 1                | (1 credit)  | Corequisite: RET 2274   |
| RET 2275  | Respiratory Care Theory 2                           | (2 credits) | Prerequisite: RET 2274;<br>Corequisite: RET 2275L                         |
| RET 2275L | Respiratory Care Theory Laboratory 2                | (1 credit)  | Corequisite: RET 2275   |
| RET 2284  | Principles of Mechanical Ventilation                | (2 credits) | Prerequisite: RET 2275C;<br>Corequisite: RET 2284L                        |
| RET 2284L | Principles of Mechanical Ventilation Laboratory     | (2 credits) | Corequisite: RET 2284   |
| RET 2350  | Respiratory Care Pharmacology                       | (2 credits) | Prerequisites: CHM 1025, RET 1484;<br>Corequisites: RET 2503, 2275, 2275L |
| RET 2414  | Pulmonary Studies                                   | (2 credits) | Corequisite: RET 2414L  |
| RET 2414L | Pulmonary Studies Laboratory                        | (1 credit)  | Corequisite: RET 2414   |
| RET 2503  | Respiratory Care Pathophysiology 2                  | (3 credits) | Prerequisite: RET 1484  |
| RET 2601  | Respiratory Care Seminar                            | (2 credits) |   |
| RET 2714  | Perinatal and Pediatric Respiratory Care            | (2 credits) | Corequisite: RET 2264, 2714L  |
| RET 2714L | Perinatal and Pediatric Respiratory Care Laboratory | (1 credit)  | Corequisite: RET 2264, 2714   |
| RET 2832  | Respiratory Care Clinic 1                           | (2 credits) | Prerequisite: RET 2274C   |
| RET 2833  | Respiratory Care Clinic 2                           | (5 credits) | Prerequisite: RET 1024, 1024L, 1484, 2274,<br>2274L, 2350                 |
| RET 2834  | Respiratory Care Clinic 3                           | (8 credits) | Prerequisite: RET 2284, 2284L<br>Corequisite: RET 2714, 2714L             |
| RET 2835  | Respiratory Care Clinic 4                           | (8 credits) | Prerequisite: RET 2834<br>Corequisite: RET 2601                           |