**RESPIRATORY CARE, AS DEGREE PROGRAM OF STUDY:**

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| **GENERAL EDUCATION COURSEWORK:** Courses must be selected from  those listed in the **General Education Program Guide** | | | **24 CREDIT HOURS** |
| ENC 1101 | | Composition I | 3 |
| BSC 1093C\* | | Anatomy and Physiology I | 4 |
| BSC 1094C | | Anatomy and Physiology II | 4 |
| HUMANITIES | | Any Listed Course in Humanities Section | 3 |
| CHEMISTRY | | Any Listed Chemistry in Natural Sciences Section | 3 |
| CHEMISTRY LABORATORY | | Any Listed co-requisite Chemistry Lab in Natural Sciences  Section that accompanies Chemistry course | 1 |
| PSYCHOLOGY  OR SOCIOLOGY | | Any Listed Psychology or Sociology Course in Social  Sciences Section | 3 |
| MATHEMATICS | | MAC 1105 is Strongly Recommended OR Any Listed Course in Mathematics Section | 3 |
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| **PROGRAM SPECIFIC COURSEWORK** | | | **7 - 8 CREDIT**  **HOURS** |
| MCB 2010C\* | Microbiology | | 4 |
| PHYSICS\*\* | PHY 1007 Physics for the Health Sciences OR Any Listed Physics in Natural Sciences Section | | 3 |

\*BSC 1010/BSC 1010L are required prerequisites for BSC 1093C and MCB 2010C at most institutions.

\*\*PHY 1007L is strongly recommended, but not required for the AS Degree. It is a requirement for the BAS Degree in Cardiopulmonary Sciences.

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| **RESPIRATORY CARE CORE COURSEWORK** | | **45 CREDIT**  **HOURS** |
| RET 1007 | Respiratory Care Pharmacology | 1 to 2 |
| RET 1024 | Introduction to Cardiopulmonary Technology | 3 |
| RET 1275C | Clinical Care Techniques | 2 to 4 |
| RET 1613C | Cardiopulmonary Anatomy and Physiology | 2 |
| RET 1832L | Clinical Practicum I | 2 to 1 |
| RET 2234C | Respiratory Therapeutics | 4 to 6 |
| RET 2244 | Critical Care Applications | 2 |
| RET 2254C | Respiratory Care Assessment | 4 to 6 |
| RET 2264C | Advanced Mechanical Ventilation | 4 to 6 |
| RET 2295 | Pulmonary Studies | 3 |
| RET 2714 | Neonatal-Pediatric Respiratory Care | 3 |
| RET 2874L | Clinical Practicum II | 4 to 1 |
| RET 2875L | Clinical Practicum III | 4 to 1 |
| RET 2876L | Clinical Practicum IV | 5 to 3 |
| RET 2930 | Respiratory Care Practitioner as a Professional | 2 |
| **TOTAL DEGREE PROGRAM, RESPIRATORY CARE, AS** | | **76 CREDIT**  **HOURS** |