



## 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 (15.00 Credits)

#### **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).
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#### **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*
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♦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
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#### **SOCIAL SCIENCE (3.00 credits)**

AMH 2010	History of the US to 1877	(3 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 Corequisite: BSC 2086L
BSC 2086L	Human Anatomy & Physiology 2 Laboratory	(1 credits)	Corequisite: BSC 2086
CHM 1025	Introductory Chemistry	(3 credits)	

**MAJOR CORE REQUIREMENTS (53.00 Credits)**

RET 1024C	Fundamentals of Respiratory Care	(3 credits)	Prerequisite: ENC 1101; Corequisite: RET 2274C
RET 1484	Respiratory Care Pathophysiology 1	(2 credits)	Prerequisite: ENC 1101; Corequisite: RET 1024
RET 2264	Advanced Modalities and Monitoring	(2 credits)	Prerequisite: RET 2284; Corequisites: RET 2714, RET 2714L
RET 2274C	Respiratory Care Equipment & Procedures	(3 credits)	Corequisite: RET 1024C
RET 2275	Respiratory Care Theory 2	(2 credits)	Prerequisite: RET 2274C; 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; 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; Corequisites: RET 2503, RET 2275, RET 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)	Corequisites: RET 2264, RET 2714L
RET 2714L	Perinatal and Pediatric Respiratory Care Laboratory	(1 credit)	Corequisites: RET 2264, RET 2714
RET 2832	Respiratory Care Clinic 1	(2 credits)	Prerequisite: RET 2274C
RET 2833	Respiratory Care Clinic 2	(5 credits)	Prerequisites: RET 1024C, RET 1484, RE 2274C, RET 2350
RET 2834	Respiratory Care Clinic 3	(8 credits)	Prerequisites: RET 2284, RET 2284L
RET 2835	Respiratory Care Clinic 4	(8 credits)	Corequisites: RET 2714, RET 2714L Prerequisite: RET 2834 Corequisite: RET 2601