

# ASSOCIATE IN SCIENCE DEGREE - COURSE REQUIREMENTS and CURRICULUM PLAN

**Courses that may be taken prior to entering *OR* during the Respiratory Care Program and must be completed with a "C" or higher are indicated below. Students are *strongly encouraged* to take as many of these courses as possible *prior* to entering the Respiratory Care Program.**

BSC 2085	Anatomy and Physiology I	3 credits	Preferred completion before/by the end of Semester 1
BSC 2085L	Anatomy and Physiology I Lab	1 credit	Preferred completion before/by the end of Semester 1
HSC1531	Medical Terminology	2 credits	Preferred completion before/by the end of Semester 1
BSC 2086	Human Anatomy and Physiology II	3 credits	Preferred completion before/by the end of Semester 2
BSC 2086L	Human Anatomy and Physiology II Lab	1 credit	Preferred completion before/by the end of Semester 2
XXX XXXX	College-level Math (MAC, MGF, <u>or</u> STA prefix)	3 credits	Preferred completion before/by the end of Semester 3
XXX XXXX	POS 2041 American National Government <u>or</u> *AMH 2010 United States History I <u>or</u> AMH 2020 United States History II <u>and</u> Civics Literacy examination	3 credits	Preferred completion before/by the end of Semester 3
ENC 1101	English Composition I	3 credits	Preferred completion before/by the end of Semester 4
XXX XXXX	Course in Humanities I, II, or III (designated by • in College Catalog)	3 credits	Preferred completion before/by the end of Semester 4
PSY 2012	Psychology <u>or</u> SYG 2000 Sociology	3 credits	Preferred completion before/by the end of Semester 5

## RESPIRATORY CARE CORE COURSES

**After acceptance into the Respiratory Care Program, the following required Respiratory Care courses are taken in sequence over 5 semesters (2 in Fall, 1 in Summer, and 2 in Spring). Classes are held Monday through Friday. Class and clinical times vary semester-to-semester.**

Course	CRN	Course Name	Credits	Semester Credits
Semester 1: (Fall)	RET 1005 RET 1024 RET 1024L RET 1832	Mgmt of Cardiopul Microbiol & Disorders Respiratory Care I Respiratory Care I Lab Respiratory Care Clinical I	3 3 2 1	<b>9</b>
Semester 2: (Spring)	RET 1264 RET 1264L RET 1400 RET 1483 RET 1485 RET 1833	Respiratory Care II Respiratory Care II Lab Cardiopulmonary Procedures Cardiopulmonary Assessment Cardiopulmonary Anatomy & Physiology Respiratory Care Clinical II	3 2 3 3 3 2	<b>16</b>
Semester 3: (Summer)	RET 1934 RET 2007 RET 2834 RET 2878 RET 2878L	Selected Topics Seminar – ACLS Cardiopulmonary Pharmacology Respiratory Care Clinical III Respiratory Care III Respiratory Care III Lab	1 3 2 3 2	<b>11</b>
Semester 4: (Fall)	RET 2280 RET 2280L RET 2835	Respiratory Care IV Respiratory Care IV Lab Respiratory Care Clinical IV	3 2 2	<b>7</b>
Semester 5: (Spring)	RET 2714 RET 2714L RET 2836	Respiratory Care V Respiratory Care V Lab Respiratory Care Clinical V	3 2 3	<b>8</b>

*\*AMH 2010 does not meet the course requirement if taken prior to Fall 2024*