Respiratory Care
ASSOCIATE IN SCIENCE(AS)
2024 - 2025

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ **Faculty Advisor:** *Jennifer Barber (E-Z)* *Theresa Porter (A-D)*

General Education (26 hours)

The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/ social science and communications. Consult with your Faculty Advisor if you have any questions.

Communications (3/4 credits)

- ☐ ENC1101 English Composition I●+* 3
- ☐ ENC1101C Enhanced English Comp. I●+* 4

Humanities (3 credits)
Select one Humanities course

Humanities 1–Visual & Performing Arts

- ☐ ARH2000 Understanding Visual Arts●* 3
- ☐ MUL2010 Understanding Music●* 3
- ☐ THE2000 Understanding Theater●* 3

Humanities 2–Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- ☐ HUM2020 Introduction to Humanities●+* 3
- ☐ PHI2010 Intro. to Philosophy●+* 3

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

- ☐ LIT2000 Literature and Culture●+* 3

Mathematics (3 credits)
Select one Mathematics Course

- ☐ MGF1130 Mathematical Thiniking 3
- ☐ STA2023 Statistics●+* 3
- ☐ MAC1105 College Algebra●+* 3
- ☐ MAC2311 Calculus with Geometry I●+* 4

Natural Sciences (8 credits)

Biological Sciences

- ☐ BSC2085 Anatomy & Physiology I●+ 3
- ☐ BSC2085L Anatomy & Physiology I Lab+* 1
- ☐ BSC2086 Anatomy & Physiology II+* 3
- ☐ BSC2086L Anatomy & Physiology II Lab+* 1

Social Sciences (9 credits)

Behavioral Science

- ☐ PSY2012 General Psychology●* 3
- ☐ SYG2000 Principles of Sociology* 3

Select one of the Following

History

- ☐ AMH2010 United States History I●@ 3
- ☐ AMH2020 United States History II●@ 3

Government

- ☐ POS2041 American Nat'l Government●@* 3

Major Courses (53 hours)

The purpose of this program is to prepare students to become registered respiratory therapists by obtaining the National Board of Respiratory Care (RRT) credential. Program graduates will be eligible for licensure required for the practice of respiratory therapy in any state nationally. Respiratory therapists are employed in hospitals, rehabilitation facilities, sleep disorder clinics, pulmonary function labs, hyperbaric chambers, skilled nursing facilities, and home health agencies.

This program is accredited by the Commission on Accreditation for Respiratory Care (COARC) (#200449).

- ☐ HSC1531 Medical Terminology#* 2
- ☐ RET1005 Mgmt. of Card. Microbio. & Disorders#* 3
- ☐ RET1024 Respiratory Care I+#* 3
- ☐ RET1024L Respiratory Care I Lab+#* 2
- ☐ RET1264 Respiratory Care II+#* 3
- ☐ RET1264L Respiratory Care II Lab+#* 2
- ☐ RET1400 Cardiopulmonary Procedures+#* 3
- ☐ RET1483 Cardiopulmonary Assessment+#* 3
- ☐ RET1485 Cardi. Anatomy & Physiology+#* 3
- ☐ RET1832 Respiratory Care Clinical I+#* 1
- ☐ RET1833 Respiratory Care Clinical II+#* 2
- ☐ RET1934 Selected Topics Seminar#* 1
- ☐ RET2007 Cardiopulmonary Pharmacology+#* 3
- ☐ RET2280 Respiratory Care IV+#* 3
- ☐ RET2280L Respiratory Care IV Lab+#* 2
- ☐ RET2714 Respiratory Care V+#* 3
- ☐ RET2714L Respiratory Care V Lab+#* 2
- ☐ RET2834 Respiratory Care Clinical III+#* 2
- ☐ RET2835 Respiratory Care Clinical IV+#* 2
- ☐ RET2836 Respiratory Care Clinical V+#* 3
- ☐ RET2878 Respiratory Care III+#* 3
- ☐ RET2878L Respiratory Care III Lab+#* 2

Other AS Requirements

- ☐ **General Education Core Requirement**
  Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

- ☐ **Civic Literacy Requirement (@)**
  Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND** passing score on civic literacy exam (FCLE)

Key

+ = Prerequisite or co-requisite required
* = Minimum grade of "C" required
@ = Course meets Civic Literacy Requirement
●= General Education Core course
#=Applies to A.S. and Certificate Programs

Developmental Courses

- ☐ ENC0022 Dev. Writing I & II Combined* 3
- ☐ REA0019 Dev. Reading I & II Combined* 3
- ☐ MAT0012 Dev. Arithmetic with Algebra* 3

ADMISSION PROCESS:
The Respiratory Care program is a limited access program. A selective admissions policy with specific selection criteria is utilized in order to select the most qualified applicants. The strength of the applicant pool varies year-to-year, with the highest qualified applicants receiving first consideration. The program begins in the fall semester each year. The deadline for submission of the completed application package is the first business day in June. The program employs a selective admission process whereby applicants are chosen based on a composite admissions score. Applicants who meet all minimum requirements for admission as evaluated for their preparedness to enter the program. The following areas are considered:

1. Final course grades in MAC1105 or equivalent, BSC2085, BSC2085L, BSC2086, and BSC2086L.

2. Cumulative Grade Point Average (GPA) on all course work completed.

It is the applicant's responsibility to inquire about these specific admission and selection criteria and to ensure that all required documents are received on campus prior to the deadline published in the application packet.

Notes