

# RESPIRATORY CARE - DEGREE

Limited Entry, Associate of Applied Science Degree Program

## Prerequisite Advising

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## Faculty Advisers

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MHCC's Respiratory Care program teaches students how to take care of people's breathing. Students learn, in classrooms and at hospitals, about helping adults, babies, and children with breathing problems. After they finish the program, they can take an exam to become certified to work as a respiratory therapist. They can work in hospitals, clinics, nursing homes, and more. To be successful in this program, you should like science and be able to handle difficult situations. This program is approved by the Commission on Accreditation for Respiratory Care.

## Accreditation

The MHCC Respiratory Therapy Associate of Applied Science degree in Gresham, OR (200129) is accredited by the Commission on Accreditation for Respiratory Care ([www.coarc.com](http://www.coarc.com) (<https://catalog.mhcc.edu/programs-majors/respiratory-care-degree/www.coarc.com>)). CoARC accredits respiratory therapy education programs in the United States. To achieve this end, it utilizes an 'outcomes based' process. Programmatic outcomes are performance indicators that reflect the extent to which the educational goals are achieved and by which program effectiveness is documented.

For comparison of the MHCC Respiratory Care Program outcomes with the outcomes data for all programs in the United States visit: <https://coarc.com/students/programmatic-outcomes-data/>.

CoARC is located at 264 Precision Blvd, Telford TN 37690.

Graduates of this program are able to apply for entry into several Bachelor of Science in Respiratory Care programs.

## Program Goals

The RC program prepares graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills) and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs).

## Program Outcomes

At the completion of this program, students should be able to:

- Collect and interpret clinical data accurately, relate theory to clinical practice and recommend appropriate diagnostic and therapeutic procedures in accordance with established clinical guidelines
- Perform therapeutic and diagnostic procedures efficiently in accordance with appropriate standards of care, protocols and clinical practice guidelines; will modify therapeutic procedures in response to the patient's condition; will efficiently use equipment and supplies and demonstrate thorough attention to safety
- Communicate effectively with patients and members of the health care team and maintain appropriate records accurately and

completely in accordance with health care agency standards and HIPAA regulations

- Respect the beliefs and values of all persons, demonstrate self-direction and practice in an ethical and professional manner in accordance with established policies and procedures

## Prerequisite Courses

For the most updated information and a list of prerequisite courses, please see the Respiratory Care - How to Get Started (<https://mhcc.edu/education-options/degrees-certificates/respiratory-care/get-started/>) page. It is the student's responsibility to verify completion of appropriate prerequisite courses.

**These courses must be completed with a grade of "C" or higher before the application deadline:**

- College-level biology (<https://catalog.mhcc.edu/courses-az/bi/>) course.
- College-level chemistry (<https://catalog.mhcc.edu/courses-az/ch/>) course.
- MTH065 Beginning Algebra II ★ or higher, *fulfills AAS degree mathematics requirement*.
- WR115 Introduction to College Writing ★ or WR121Z Composition I ★ (*fulfills AAS degree written communication requirement*), or placement into WR121Z within the past 5 years.

## Supporting Courses

These courses are required for degree completion, but may be completed before the application deadline for additional points:

- One (1) anatomy & physiology sequence from the following:
  - BI121 Essentials of Human Anatomy and Physiology I ★ and BI122 Essentials of Human Anatomy and Physiology II ★
  - BI231 Human Anatomy and Physiology I ★, BI232 Human Anatomy and Physiology II ★, and BI233 Human Anatomy and Physiology III ★
- BI234 Microbiology
- MO111 Medical Terminology ★
- WR121Z Composition I ★, *if not already taken. Fulfills AAS degree written communication requirement*.
- One (1) communication course from the following:
  - COMM111Z Public Speaking ★
  - COMM115 Introduction to Intercultural Communication ★🌐
  - WR122Z Composition II ★
- One (1) psychology course from the following, *fulfills AAS degree Human Relations requirement*:
  - PSY101 Psychology of Human Relations ★
  - PSY201Z Introduction to Psychology I ★
  - PSY202Z Introduction to Psychology II ★

## Additional Requirements

The following additional requirement(s) must be fulfilled to be awarded the AAS in Respiratory Care.

- All Respiratory (RT) and Biology (BI) courses must be completed with a minimum grade of "C" or higher.
- All core courses (RT) must be completed within 5 years of starting the program.

*General education courses (such as math, writing, health, etc.) can be taken during any term, or before starting the program.*

#### Prerequisites

Biology course		
Chemistry course		4
MTH065	Beginning Algebra II ★ (or higher)	4
WR115 or WR121Z	Introduction to College Writing ★ (or placement into WR121Z in past 5 years) or Composition I ★	4
<b>Credits</b>		<b>12</b>

#### First Quarter

Fall		Credits
BI121	Essentials of Human Anatomy and Physiology I ★	4
MO111	Medical Terminology ★	4
RT111	Cardiopulmonary Physiology	6
WR121Z	Composition I ★ (if not already taken)	0-4
<b>Credits</b>		<b>14</b>

#### Second Quarter

Winter		
BI122	Essentials of Human Anatomy and Physiology II ★ (must be completed before starting fall term second-year courses)	4
RT121	Respiratory Care Procedures	5
RT122	Respiratory Care Procedures Lab	2
RT131	Respiratory Diseases and Pharmacology	6
<b>Credits</b>		<b>17</b>

#### Third Quarter

Spring		
BI234	Microbiology (may be taken any term, but must be completed before starting fall term second-year courses)	4
RT132	Pulmonary Assessment	4
RT141	Mechanical Ventilation	5
RT142	Mechanical Ventilation Lab	2
RT150	Clinical Clerkship	1
<b>Credits</b>		<b>16</b>

#### Fourth Quarter

Fall		
RT220	Neonatal/Pediatric Respiratory Care	4
RT251	Clinical Practice I	9
Health and Physical Education requirement ( <a href="https://catalog.mhcc.edu/degree-certificate-requirements/aas/#health">https://catalog.mhcc.edu/degree-certificate-requirements/aas/#health</a> )		3
<b>Credits</b>		<b>16</b>

#### Fifth Quarter

Winter		
PSY101 or PSY201Z or PSY202Z	Psychology of Human Relations ★ or Introduction to Psychology I ★ or Introduction to Psychology II ★	3-4
RT231	Cardiopulmonary Critical Care I	3
RT252	Clinical Practice II	9
<b>Credits</b>		<b>15-16</b>

#### Sixth Quarter

Spring		
RT232	Cardiopulmonary Critical Care II	3
RT253	Clinical Practice III	9
WR122Z or COMM111Z or COMM115	Composition II ★ or Public Speaking ★ or Introduction to Intercultural Communication ★🌐	4
<b>Credits</b>		<b>16</b>
<b>Total Credits</b>		<b>106-107</b>

## How to Apply

The respiratory care program is a limited-entry program. This means you must meet certain criteria before you can apply (<https://mhcc.edu/education-options/degrees-certificates/respiratory-care/get-started/>). Applicants are selected through a point-based system. The program admits up to 30 students every fall term. Students of all races, ethnicities, ages, genders, religions, sexual orientations, socio-economic statuses, nationalities, physical abilities, and cognitive differences are welcome!