RESPIRATORY CARE - DEGREE

Limited Entry, Associate of Applied Science Degree Program | mhcc.edu/rc (http://mhcc.edu/rc/)

Prerequisite Advising

Academic Advising & Transfer Center: 503-491-7315 | Room AC2253 (Student Services) | Advising.Questions@mhcc.edu

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.

The Mt. Hood Community College Respiratory Care program is accredited by the Commission on Accreditation for Respiratory Care, P.O. Box 54876, Hurst, TX 76054-4876. For more information, visit coarc.com (https://coarc.com/).

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

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, taken within the past 10 years.
- College-level chemistry (https://catalog.mhcc.edu/courses-az/ch/) course, taken within the past 10 years.
- 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 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 communication course from the following:
  - COMM111Z Public Speaking ★
  - COMM115 Introduction to Intercultural Communication ★ 🌐
  - WR122Z Composition II ★
- One 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 ★

Note: A minimum grade of "C" is required in all RT and BI courses, and all core courses 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
	Credits	**12**

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
	Credits	**14**

Second Quarter		
Winter		
BI122	Essentials of Human Anatomy and Physiology II ★	4
RT121	Respiratory Care Procedures	5
RT122	Respiratory Care Procedures Lab	2
RT131	Respiratory Diseases and Pharmacology	6
	Credits	**17**
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
	Credits	**16**
Fourth Quarter		
Fall		
RT220	Neonatal/Pediatric Respiratory Care	4
RT251	Clinical Practice I	9
Health and Physical Education requirement (https://catalog.mhcc.edu/degree-certificate-requirements/aas/#health)		3
	Credits	**16**
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
	Credits	**15-16**
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
	Credits	**16**
	Total Credits	**106-107**

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!

Prerequisite Advising

For assistance planning out prerequisite courses, contact:

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