



Respiratory Therapy

HOW TO REACH US:

ADMISSIONS: 740.568.1900

CONTACT:

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Medical Director
Dr. Robert McKinley, MD

MAIL:

710 Colegate Drive
Marietta, OH 45750

CLINICAL SITES:

The Arbors of Marietta
Camden Clark Medical Center
Genesis Health Care Systems
Dr. Gondalia
Fairfield Medical Center
Jackson General Hospital
Marietta Memorial Hospital (MHS)
Marietta Memorial (MHS) Belpre ER
Selby General Hospital (MHS)
Medical Services Company
Nationwide Children's Hospital
Rainbow Babies, Cleveland
Southeastern Ohio Regional Medical Center

CAREER OPPORTUNITIES:

*Work with all ages, from newborns to geriatric patients
*Routine care, critical care, intensive care, or emergency department settings

EMPLOYMENT OPPORTUNITIES:

Hospitals, Skilled Nursing Facilities, Medical Sales, (DME), Nursing Homes, Home Care, Sleep Labs

Sub-specialties, including exercise testing, pulmonary rehabilitation, assisting physicians with procedures—such as bronchoscopy & pulmonary function tests, and diagnostic testing and sleep studies.

IT'S A FACT:

Nearly 70% of Washington State students receive financial aid.

THE RESPIRATORY PROGRAM:

Respiratory therapists are an important part of the health care team. Their crucial role in treating and caring for a variety of cardiopulmonary illnesses continues to become more specialized and technical, while demand for their services is increasing. Respiratory therapists perform important life support functions, in consultation with physicians.

The Respiratory Therapy program, (CoArc #200436), awards a two-year Associate of Applied Science from Washington State Community College, 710 Colegate Drive, Marietta, OH, 45750, and is accredited by the Commission on Accreditation for Respiratory Care (www.coarc.com), 264 Precision Blvd, Telford, TN 37690, Ph. # (817) 283-2835. **For program outcome data:**

<http://www.coarc.com/Students/Programmatic-Outcome-Data.aspx>

Upon successful completion of the program, graduates are eligible for the "Entry" level Therapist Multiple Choice (TMC) exam. The "Entry" level exam has two "cut scores". If the student passes the lower "cut score", they will be a Certified Respiratory Therapist (CRT). If they achieve the higher "cut score", they will also be eligible to take the Registry Clinical Simulation Exam. If they pass the second exam, they will be a Registered Respiratory Therapist (RRT).

PROGRAM GOAL:

To prepare 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).

The goals are demonstrated by the students' ability to:

- Goal 1: Communicate effectively with patients, physicians, and other members of the healthcare team.
- Goal 2: Continue as an independent learner by demonstrating upgraded job skills and keeping pace with the changing healthcare field
- Goal 3: Demonstrate a knowledge of human behavior, diversity, value systems, ethics, and cultures in healthcare.
- Goal 4: Use critical thinking skills to provide appropriate treatment, assessment, and care of patients with cardiopulmonary problems using knowledge of cardiopulmonary anatomy, physiology, and pathology.
- Goal 5: Problem solve and troubleshoot respiratory therapy equipment and the patient-equipment system using knowledge of the function and design of that equipment.

ENTRANCE REQUIREMENTS:

1. Complete a Washington State Community College application for admission
2. Criteria for admission to the Respiratory Therapy Program are as follows:
 - o High School (or higher) Biology and Chemistry with a grade of C or higher (Applicants currently enrolled in, or scheduled for these courses may still apply)
 - o High School (or higher) Algebra within the last 6 years with a grade of C or higher (Applicants currently enrolled in, or scheduled for, college algebra may still apply)
 - o GPA of 2.75 or higher (current, or most recent)
 - o Interview with Program Director and Director of Clinical Education
3. Complete the Respiratory Therapy Program application for Admission at <https://www.wsc.edu/academics/health/respiratory-therapy/>
The Respiratory Therapy application includes a short essay, and the submission of 3 work or school-related references. References from family members or friends will be rejected. We recommend that you prepare your essay on why Respiratory Therapy appeals to you and that you have emails for your chosen references ready prior to beginning the Respiratory Therapy application.
4. Submit an official high school transcript or GED
5. Submit all high school or college transcripts showing completion of prerequisite Algebra, Biology, and Chemistry courses.
6. Applications are not considered complete until all transcripts, required prerequisite courses, and references are received.
7. All communication regarding an applicant's acceptance into the program will occur using the student's Washington State Community College email.

*Admission to the Respiratory Therapy Program is limited and admission is done on a selective basis.

*Applicants are urged to apply early.

RESPIRATORY CARE PROFESSION

Rev. 9/2022

Associate in Applied Science Degree for Direct Employment

Student: _____ TO BE ELIGIBLE FOR GRADUATION, A STUDENT MUST
 Phone #: _____ COMPLETE ALL COURSES LISTED BELOW WITH A **PASSING GRADE OF a "C"**
 OR BETTER AND MAINTAIN a **CUMULATIVE GPA OF AT LEAST 2.0.**
 Date Enrolled: _____ **You cannot be accepted with less than a 2.0 GPA.**

***Program Prerequisites "C" or higher in the following courses:**

1. High School Algebra or Equivalent or Higher
2. High School Chemistry or CHEM 0955 & CHEM 095L or Higher
3. High School Biology or BIOL 0955 & BIOL 095L or Higher

GENERAL EDUCATION COURSES	SEMESTER CREDITS	Semester Taken	Grade
ENGLISH COMPOSITION (3)			
ENGL 1510 English Composition I	3	_____	_____
SOCIAL AND BEHAVIORAL SCIENCES (3)			
PSYC 1010 General Psychology	3	_____	_____
MATH (4)			
MATH 1104 Technical Math <i>OR/</i>	4	_____	_____
MATH 2110 Principles of Statistics <i>OR/</i>	4	_____	_____
MATH 2130 College Algebra	4	_____	_____
NATURAL SCIENCES (11)			
BIOL 2010 Basic Microbiology	2	_____	_____
BIOL 201L Basic Microbiology Lab	1	_____	_____
BIOL 2310 Human Anatomy & Physiology I	3	_____	_____
BIOL 231L Human Anatomy & Physiology I Lab	1	_____	_____
BIOL 2320 Human Anatomy & Physiology II	3	_____	_____
BIOL 232L Human Anatomy & Physiology II Lab	1	_____	_____
HEALTH CORE (12)			
HLTH 1040 Basic Health Sciences	3	_____	_____
HLTH 2400 EKG/Cardiovascular Technician	2	_____	_____
RESP 1100 Intro to Respiratory Care	2	_____	_____
RESP 1330 Cardiopulmonary Anatomy & Physiology	2	_____	_____
RESP 2510 Cardiopulmonary Pathology I	3	_____	_____
RESPIRATORY THERAPY MAJOR (32)			
RESP 1210 Cardiopulmonary Pharmacology	2	_____	_____
RESP 1250 Medical Gas Administration & Therapeutics	4	_____	_____
RESP 1350 Clinical Practice I	1	_____	_____
RESP 1360 Advanced Cardiopulmonary Resuscitation	1	_____	_____
RESP 2450 Clinical Practice II	1	_____	_____
RESP 2460 Arterial Blood Gases	1	_____	_____
RESP 2500 Respiratory Critical Care I	2	_____	_____
RESP 2520 Cardiopulmonary Pathology II	1	_____	_____
RESP 2550 Clinical Practice III	2	_____	_____
RESP 2600 Respiratory Critical Care II	3	_____	_____
RESP 2630 Respiratory Pediatrics and Neonatology	3	_____	_____
RESP 2700 Assessment of Pulmonary Functions	2	_____	_____
RESP 2730 Pulmonary Rehab & Subspecialties	2	_____	_____
RESP 2750 Clinical Practice IV	2	_____	_____
RESP 2800 Cardiology and Hemodynamic Monitoring	2	_____	_____
RESP 2990 Respiratory Capstone	3	_____	_____
	65		
Recommended Electives:			
RESP 2850 Polysomnography	2	_____	_____

RESPIRATORY CARE PROFESSION

PREREQUISITES ("C" OR HIGHER)

HIGH SCHOOL ALGEBRA **OR** Equivalent or Higher
 HIGH SCHOOL BIOLOGY **OR** BIOL 0955 & BIOL 095L
 HIGH SCHOOL CHEMISTRY **OR** CHEM 0955 & 095L

SEMESTER III

HLTH 2400 EKG/CARDIOVASCULAR TECHNICIAN (2) 1-3
 RESP 2450 CLINICAL PRACTICE II (1) 0-8
 RESP 2500 RESPIRATORY CRITICAL CARE I (2) 1-3
 RESP 2630 RESPIRATORY PEDIATRICS & NEONATOLOGY (3) 2-3

SEMESTER I

BIOL 2310 HUMAN ANATOMY & PHYSIOLOGY I (3) 3-0
 BIOL 231L HUMAN ANATOMY & PHYSIOLOGY I LAB (1) 0-2
 ENGL 1510 ENGLISH COMPOSITION I (3) 2-2
 HLTH 1040 BASIC HEALTH SCIENCES (3) 2-2
 MATH _____ MATH ELECTIVE (4) 4-0
 PSYC 1010 GENERAL PSYCHOLOGY (3) 3-0

SEMESTER IV

BIOL 2010 BASIC MICROBIOLOGY (2) 2-0
 BIOL 201L BASIC MICROBIOLOGY LAB (1) 0-3
 RESP 1360 ADV. CARDIOPULMONARY RESUSCITATION (1) 0-3
 RESP 2460 ARTERIAL BLOOD GASES (1) 1-0
 RESP 2510 CARDIOPULMONARY PATHOLOGY I (3) 3-0
 RESP 2550 CLINICAL PRACTICE III (2) 0-15
 RESP 2600 RESPIRATORY CRITICAL CARE II (3) 2-3
 RESP 2850 POLYSOMNOGRAPHY (elective) (2) 2-0

SEMESTER II

BIOL 2320 HUMAN ANATOMY & PHYSIOLOGY II (3) 3-0
 BIOL 232L HUMAN ANATOMY & PHYSIOLOGY II LAB (1) 0-2
 RESP 1100 INTRO TO RESPIRATORY CARE (2) 1-3
 RESP 1210 CARDIOPULMONARY PHARMACOLOGY (2) 1-3
 RESP 1250 Medical Gas Administration & Therapeutics (4) 3-3
 RESP 1330 CARDIOPULMONARY ANA. & PHYS. (2) 1-3
 RESP 1350 CLINICAL PRACTICE I (1) 0-5

SEMESTER V

RESP 2520 CARDIOPULMONARY PATHOLOGY II (1) 0-3
 RESP 2700 ASSESSMENT OF PUL. FUNCTIONS (2) 2-0
 RESP 2730 PULMONARY REHAB & SUBSPECIALTIES (2) 2-0
 RESP 2750 CLINICAL PRACTICE IV (2) 0-15
 RESP 2800 Cardiology & Hemodynamic Monitoring (2) 2-0
 RESP 2990 RESPIRATORY CAPSTONE (3) 3-0

THIS IS SUBJECT TO CHANGE WITHOUT NOTICE. PREREQUISITES ARE REQUIRED FOR SOME COURSES. SOME EVENING COURSES or ONLINE COURSES MAY BE REQUIRED TO COMPLETE THIS PROGRAM. A GRADE OF "C" OR ABOVE IS REQUIRED IN ALL COURSES.