

# RESPIRATORY THERAPY

## Associate in Applied Science (AAS)

**Program Code: 10-515-1**

**Total Credits: 70**

The Respiratory Therapy program at Mid-State prepares students to employ scientific principles to identify, treat, and prevent acute or chronic dysfunction of the cardiopulmonary system. Successful graduates work under medical direction in a variety of care settings. Students study airway management and life support, airway clearance therapies, pulmonary rehabilitation, medication administration, and the use of therapeutic medical gases. The program combines classroom instruction and clinical experience with actual patients and equipment at local hospitals and agencies. Travel is required.

To learn more about this program, visit [mstc.edu/programs](https://mstc.edu/programs).

### ACADEMIC ADVISOR

To schedule an appointment with an academic advisor, call 715-422-5300. Academic advisors will travel to other campuses as necessary to accommodate student needs. For more information about advising, visit [mstc.edu/advising](https://mstc.edu/advising).

### NEW STUDENT CHECKLIST

Complete the following steps to prepare for your New Student Advising appointment with your academic advisor:

- Submit a Mid-State application at [mstc.edu/apply](https://mstc.edu/apply).
- Send official transcripts to:  
Mid-State Technical College  
Student Services  
500 32nd Street North  
Wisconsin Rapids, WI 54494
- Complete the Free Application for Federal Student Aid (FAFSA) at [fafsa.gov](https://fafsa.gov). Mid-State's Financial Aid team is available to assist with your FAFSA application and to answer your financial aid questions. Contact Financial Aid or schedule an appointment at [mstc.edu/financial-aid](https://mstc.edu/financial-aid).
- Set up student MyCampus account at [mstc.edu/mycampus-assistance](https://mstc.edu/mycampus-assistance).
- Schedule a New Student Advising appointment at [mstc.edu/advising](https://mstc.edu/advising).

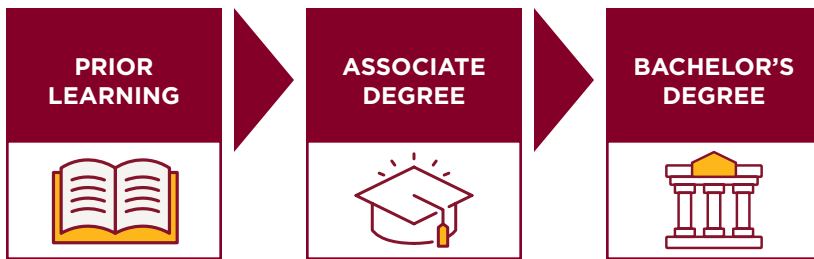
[mstc.edu](https://mstc.edu) • 888-575-6782 • TTY: 711



Adams Campus • Marshfield Campus • Stevens Point Downtown Campus • Wisconsin Rapids Campus • Virtual Campus • AMETA® Center

Mid-State does not discriminate on the basis of race, color, national origin, sex, disability, or age in its program, activity, or employment. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Vice President - Human Resources; 500 32nd Street North, Wisconsin Rapids, WI 54494; 715-422-5325 • AAEO@mstc.edu. 3/2026-AC

## CAREER PATHWAY



Career pathways help you build your education step by step. Each stage offers one or more credentials that are recognized by employers and lead to real jobs—and you can keep building toward your career goals as you go.

**Begin at any point.**

### **Prior Learning**

#### **Credit for Prior Learning**

- Certifications and Licenses
- Military Experience
- National/Standardized Exams
- Transfer Credit
- Work and Life Experience

Learn about Credit for Prior Learning at [mstc.edu/cpl](https://mstc.edu/cpl).

### **High School Credit**

- High School Dual Credit
- Mid-State Fast Track

Learn about High School Credit at [mstc.edu/dc](https://mstc.edu/dc).

### **Associate Degree**

- Respiratory Therapy (70 Credits)  
Start Your Career: Cardiopulmonary Technician, Polysomnography (Sleep Lab) Technician, Pulmonary Function Technologist, Respiratory Care Practitioner, Respiratory Therapist

### **Bachelor's Degree**

For those interested in continuing their education, Mid-State offers transfer guides with various four-year colleges and universities. For more information, visit [mstc.edu/transfer](https://mstc.edu/transfer).

### **Other Options**

Related Programs: Dental Assistant, Health & Wellness Promotion, Health Information Management, Medical Assistant, Medical Coder, Nursing, Nursing Assistant, Phlebotomy Technician, Radiography, Sterile Processing Technician, Surgical Technology

## OUTCOMES

Employers will expect you, as a Respiratory Therapy graduate, to be able to:

- Apply advanced-level respiratory therapy concepts to patient care situations.
- Demonstrate technical proficiency required to fulfill the role of an advanced-level respiratory therapist.
- Practice respiratory therapy according to established professional and ethical standards.

## TECHNICAL SKILLS ATTAINMENT

The Wisconsin Technical College System (WTCS) has implemented a requirement that all technical colleges measure outcomes attained by students. This requirement is called Technical Skills Attainment (TSA). The main objective of TSA is to ensure graduates have the technical skills needed by employers. Faculty will let students know when and how the Technical Skills Attainment (TSA) is being assessed in the program.

## ACCREDITATION

Respiratory therapists in Wisconsin and most states are licensed professionals. The Respiratory Therapist program is accredited by the Commission on Accreditation for Respiratory Care (CoARC).

### Commission on Accreditation for Respiratory Care (CoARC)

264 Precision Boulevard  
Telford, TN 37690  
817-283-2835 • [www.coarc.com](http://www.coarc.com)  
CoARC Program #: 200234



## ENTRY CRITERIA

To apply to the Respiratory Therapy program, please complete the following steps:

1. Complete a Mid-State application at [mstc.edu/apply](http://mstc.edu/apply).
2. Meet with an advisor for your new student advising appointment. Completion of the Criminal Background Statement of Understanding, Release of Information, and Technical Standards Form will be done at the appointment. These forms can also be found at [mstc.edu/programs/respiratory-therapy](http://mstc.edu/programs/respiratory-therapy).
3. Complete placement testing if requirements not met via High School Grade Point Average.

**Mid-State Technical College • Admissions**  
**500 32nd Street North, Wisconsin Rapids, WI 54494**

**For guaranteed course start date in core Respiratory Therapy program courses (515-level classes):**

**Meet the prerequisite for General Anatomy and Physiology:**

- Complete General Anatomy & Physiology with a final grade of “C” or better

## TECHNICAL STANDARDS

A list of specific physical, emotional, and mental tasks needed to function as a respiratory therapist is available at [mstc.edu/programs/respiratory-therapy](http://mstc.edu/programs/respiratory-therapy). Contact the Accessibility Services Coordinator in the Student Services & Information Center to receive assistance.

## CLINICAL-RELATED REQUIREMENTS

Prior to placement at a clinical site, students need to pay for a criminal background check and provide documentation of required health work.

Students are responsible for ensuring all requirements remain current during program enrollment.

Clinical sites have the right to refuse a student's placement based on inadequate health records, pending charges, or conviction records. Students with a criminal history may not be able to complete clinical courses. Mid-State will make two attempts to place a student in an appropriate clinical experience. If Mid-State is unable to place the student after two attempts, the student will be withdrawn from the clinical course and will not be able to advance in the program.

## PROGRAM PROGRESSION

In order to progress in and successfully complete the program, students must:

- Repeat courses not completed with a grade of “C” or better prior to progressing in core courses or other courses with co- or prerequisites.
- Receive a grade of “C” or better in all courses required for graduation.

Please note that the ability to repeat courses is dependent upon availability of courses. Students may be required to apply for program re-entry in order to repeat courses within the program's instructional area.

## STUDENT HANDBOOK

Visit [mstc.edu/studenthandbook](http://mstc.edu/studenthandbook) to view Mid-State's student handbook, which contains information about admissions, enrollment, appeals processes, services for people with disabilities, financial aid, graduation, privacy, Mid-State's Student Code of Conduct, and technology.

## GRADUATION REQUIREMENT

The GPS for Student Success course is required for all Mid-State program students and is recommended to be completed before obtaining 12 credits. Some students are exempt from this requirement. Please see your academic advisor for more information.

## ADDITIONAL COURSES AS NEEDED

The following courses may be recommended or required if the student does not achieve minimum placement scores.

### College Reading and Writing 1

**10831104**

**3 credits**

Provides learners with opportunities to develop and expand reading and writing skills to prepare for college-level academic work. Students will employ critical reading strategies to improve comprehension, analysis, and retention of texts. Students will apply the writing process to produce well-developed, coherent, and unified written work.

### Pre-Algebra

**10834109**

**3 credits**

Provides an introduction to algebra. Includes operations on real numbers, solving linear equations, percent and proportion, and an introduction to polynomials and statistics. Prepares students for elementary algebra and subsequent algebra-related courses.

## MULTIPLE MEASURES

Students can place into courses using high school GPA and completed classes. Placement can be determined in the following ways:

- **Multiple Measures Writing (MMW)**  
High school GPA of 2.6 & successful completion of 2.0 credits of high school writing courses with a “C” or better
- **Multiple Measures Reading (MMR)**  
High school GPA of 2.6 & successful completion of 2.0 credits of high school literature courses with a “C” or better
- **Multiple Measures Math 1 (MMM\_1)**  
High school GPA of 2.6 & successful completion of 1.0 credit of high school math (Algebra 1 or equivalent) with a “C” or better
- **Multiple Measures Math 2 (MMM\_2)**  
High school GPA of 2.6 & successful completion of 2.0 credits of high school math including Algebra 1 and Algebra 2 with a “C” or better
- **Multiple Measures Science 1 (MMS\_1)**  
High school GPA of 2.6 & successful completion of 1.0 credit of high school lab science course with a “C” or better
- **Multiple Measures Science 2 (MMS\_2)**  
High school GPA of 2.6 & successful completion of 1.0 credit of high school chemistry with a “C” or better

*Past high school and college transcripts are used in making course placement decisions.*

## SAMPLE FULL-TIME CURRICULUM OPTION

### Respiratory Therapy • 70 Total Credits

Term	Course Number	Course Name	CPL	Credits
17 Credits	10501101	Medical Terminology	Yes	3
	10515111	Respiratory Survey	No	3
	10515171	Respiratory Therapeutics 1	No	3
	10801195 or 10801136	Written Communication or English Composition 1	Yes	3
	10806177	General Anatomy & Physiology	Yes	4
	10890102	GPS for Student Success	Yes	1
16 Credits	10515172	Respiratory Therapeutics 2	No	3
	10515173	Respiratory Pharmacology	No	3
	10515174	Respiratory/Cardiac Physiology	No	3
	10806197	Microbiology	Yes	4
	10809166	Introduction to Ethics: Theory & Application	Yes	3
5 Credits	10515175	Respiratory Clinical 1	No	2
	10801198 or 10801196	Speech or Oral/Interpersonal Communication	Yes	3
17 Credits	10515112	Respiratory Airway Management	No	2
	10515113	Respiratory Life Support	No	3
	10515176	Respiratory Disease	No	3
	10515178	Respiratory Clinical 2	No	3
	10515179	Respiratory Clinical 3	No	3
	10809122 or 10809172 or 10809196	Introduction to American Government or Introduction to Diversity Studies or Introduction to Sociology	Yes	3
15 Credits	10515101	Respiratory Therapist Test Prep	No	1
	10515180	Respiratory Neo/Peds Care	No	2
	10515181	Respiratory/Cardio Diagnostics	No	3
	10515182	Respiratory Clinical 4	No	3
	10515183	Respiratory Clinical 5	No	3
	10809198 or 10809188	Introduction to Psychology or Developmental Psychology	Yes	3

#### Please Note

- Credit for Prior Learning (CPL) options are available for some courses. You can visit [mstc.edu/cpl](http://mstc.edu/cpl) or contact your academic advisor for details.
- This curriculum sequence is only for student planning. Actual student schedules will vary depending on course availability.
- Program completion time may vary based on student scheduling and course availability. For details, go to [mstc.edu/schedule](http://mstc.edu/schedule).
- Get the latest updates online at [mstc.edu](http://mstc.edu).

**SAMPLE PART-TIME CURRICULUM OPTION****Respiratory Therapy • 70 Total Credits**

<b>Term 7 Credits</b>	<b>Course Number</b>	<b>Course Name</b>	<b>CPL</b>	<b>Credits</b>
	10501101	Medical Terminology	Yes	3
	10801195 or 10801136	Written Communication or English Composition 1	Yes	3
	10890102	GPS for Student Success	Yes	1
<b>Term 7 Credits</b>	<b>Course Number</b>	<b>Course Name</b>	<b>CPL</b>	<b>Credits</b>
	10806177	General Anatomy & Physiology	Yes	4
	10809122 or 10809172 or 10809196	Introduction to American Government or Introduction to Diversity Studies or Introduction to Sociology	Yes	3
<b>Term 7 Credits</b>	<b>Course Number</b>	<b>Course Name</b>	<b>CPL</b>	<b>Credits</b>
	10806197	Microbiology	Yes	4
	10809198 or 10809188	Introduction to Psychology or Developmental Psychology	Yes	3
<b>Term 6 Credits</b>	<b>Course Number</b>	<b>Course Name</b>	<b>CPL</b>	<b>Credits</b>
	10801198 or 10801196	Speech or Oral/Interpersonal Communication	Yes	3
	10809166	Introduction to Ethics: Theory & Application	Yes	3
<b>Term 6 Credits</b>	<b>Course Number</b>	<b>Course Name</b>	<b>CPL</b>	<b>Credits</b>
	10515111	Respiratory Survey	No	3
	10515171	Respiratory Therapeutics 1	No	3
<b>Term 9 Credits</b>	<b>Course Number</b>	<b>Course Name</b>	<b>CPL</b>	<b>Credits</b>
	10515172	Respiratory Therapeutics 2	No	3
	10515173	Respiratory Pharmacology	No	3
	10515174	Respiratory/Cardiac Physiology	No	3
<b>Term 2 Credits</b>	<b>Course Number</b>	<b>Course Name</b>	<b>CPL</b>	<b>Credits</b>
	10515175	Respiratory Clinical 1	No	2
<b>Term 14 Credits</b>	<b>Course Number</b>	<b>Course Name</b>	<b>CPL</b>	<b>Credits</b>
	10515112	Respiratory Airway Management	No	2
	10515113	Respiratory Life Support	No	3
	10515176	Respiratory Disease	No	3
	10515178	Respiratory Clinical 2	No	3
	10515179	Respiratory Clinical 3	No	3
<b>Term 12 Credits</b>	<b>Course Number</b>	<b>Course Name</b>	<b>CPL</b>	<b>Credits</b>
	10515101	Respiratory Therapist Test Prep	No	1
	10515180	Respiratory Neo/Peds Care	No	2
	10515181	Respiratory/Cardio Diagnostics	No	3
	10515182	Respiratory Clinical 4	No	3
	10515183	Respiratory Clinical 5	No	3

## **Developmental Psychology**

**10809188**

**3 credits**

Studies human development throughout the lifespan and explores developmental theory and research with an emphasis on the interactive nature of the biological, cognitive, and psychosocial changes that affect the individual from conception to death. Application activities and critical thinking skills enable students to gain an increased knowledge and understanding of themselves and others.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **English Composition 1**

**10801136**

**3 credits**

Learners develop and apply skills in all aspects of the writing process. Through a variety of learning activities and written documents, learners employ rhetorical strategies, plan, organize and revise content, apply critical reading strategies, locate and evaluate information, integrate and document sources, and apply standardized English language conventions.

*Prerequisite: High School GPA of 2.6 and MMW or Accuplacer Writing of 262 or Accuplacer Reading 253 or ACT English score of 20 or ACT Reading 21 or completion of College Reading and Writing 1 10831104 with a "C" or better*

## **General Anatomy & Physiology**

**10806177**

**4 credits**

Examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole-body anatomy and physiology to informed decision making and professional communication with colleagues and patients.

*Prerequisite: High School GPA of 2.6 and MMS\_1 and MMM\_1 or Accuplacer Reading Skills of 262 and QAS of 246 or ACT Math score of 19 and Reading score of 19 or College Math 10804107 or Intermediate Algebra with Applications 10804118 with a "C" or better, or General Chemistry 10806134, or General Biology 10806114, or Human Body in Health & Disease 31509302*

## **Introduction to American Government**

**10809122**

**3 credits**

Introduces American political processes and institutions. Focuses on rights and responsibilities of citizens and the process of participatory democracy. Learners examine the complexity of the separation of powers and checks and balances. Explores the role of the media, interest groups, political parties, and public opinion in the political process. Also explores the role of state and national government in our federal system.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **Introduction to Diversity Studies**

**10809172**

**3 credits**

This course introduces the study of diversity from a local to a global perspective using a holistic, interdisciplinary approach that encourages exploration and prepares students to work in a diverse environment. The course introduces basic diversity concepts, examines the impact of bias and power differentials among groups, explores the use of culturally responsive communication strategies, and compares forces that shape diversity in an international context.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **Introduction to Ethics: Theory & Application**

**10809166**

**3 credits**

Provides a basic understanding of the theoretical foundations of ethical thought. Diverse ethical perspectives are used to analyze and compare relevant issues. Students critically evaluate individual, social, and/or professional standards of behavior, and apply a systemic decision-making process to these situations.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **Introduction to Psychology**

**10809198**

**3 credits**

This science of psychology course is a survey of multiple aspects of behavior and mental processes. It provides an overview of topics such as research methods, theoretical perspectives, learning, cognition, memory, motivation, emotions, personality, abnormal psychology, physiological factors, social influences, and development.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **Introduction to Sociology**

**10809196**

**3 credits**

Introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions of family, politics, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization, and workplace issues.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English*

## **Medical Terminology**

**10501101**

**3 credits**

Focuses on the component parts of medical terms: prefixes, suffixes, and word roots. Learners practice formation, analysis, and reconstruction of terms. Emphasizes spelling, definition, and pronunciation. Introduces operative, diagnostic, therapeutic, and symptomatic terminology of all body systems as well as systemic and surgical terminology.

**Microbiology**

**10806197**

**4 credits**

Examines microbial structure, metabolism, genetics, growth and the relationship between humans and microbes.

Addresses disease production, epidemiology, host defense mechanisms and the medical impact of microbes. Presents the role of microbes in the environment, industry, and biotechnology.

*Prerequisite: "C" or better in General Anatomy & Physiology 10806177 or General Biology 10806114 or Plant Biology 10806184*

**Oral/Interpersonal Communication**

**10801196**

**3 credits**

Focuses on developing effective listening techniques and verbal and nonverbal communication skills through oral presentation, group activity, and other projects. The study of self, conflict, and cultural contexts will be explored, as well as their impact on communication.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English or College Reading and Writing with a C or better*

**Respiratory Airway Management**

**10515112**

**2 credits**

Provides a comprehensive exploration of airway management concepts and skills. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisite: Respiratory Clinical 1 10515175; Corequisites: Life Support 10515113, Respiratory Disease 10515176, Respiratory Clinical 2 10515178 & Respiratory Clinical 3 10515179*

**Respiratory Clinical 1**

**10515175**

**2 credits**

Introduces Respiratory Therapy practice in the hospital setting. Includes the development of skills such as basic therapeutics, patient assessment, medical record review, safety practices, patient interaction, and communication. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care. This course includes the complete program competency list. At the completion of this clinical learners must demonstrate competence in a minimum of 7 (required and/or simulated) competencies. The instructor may identify specific competencies to be addressed during this clinical.

*Prerequisites: Respiratory Survey 10515111, Respiratory Therapeutics 1 10515171, Respiratory Therapeutics 2 10515172, Respiratory Pharmacology 10515173, Respiratory/Cardiac Physiology 10515174, and Microbiology 10806197, General Anatomy & Physiology 10806177*

**Respiratory Clinical 2**

**10515178**

**3 credits**

Continued development of Respiratory Therapy clinical skills including respiratory therapeutics. Focuses on monitoring, analyzing and interpreting data to make appropriate modifications in patient care. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care. This course includes the complete program competency list. At the completion of this clinical learners must demonstrate competence in a minimum of 14 (required and/or simulated) competencies (cumulative through all clinical courses). The instructor may identify specific competencies to be addressed during this clinical.

*Prerequisite: Respiratory Clinical 1 10515175*

**Respiratory Clinical 3**

**10515179**

**3 credits**

Continued development of Respiratory Therapy clinical skills including respiratory therapeutics. Focuses on monitoring, analyzing and interpreting data to make appropriate modifications in patient care. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care. This course includes the complete program competency list. At the completion of this clinical learners must demonstrate competence in a minimum of 19 (required and/or simulated) competencies (cumulative through all clinical courses). The instructor may identify specific competencies to be addressed during this clinical.

*Corequisite: Respiratory Clinical 2 10515178*

**Respiratory Clinical 4**

**10515182**

**3 credits**

Continued development of Respiratory Therapy clinical skills including respiratory therapeutics. Focuses on monitoring, analyzing and interpreting data to make appropriate modifications in patient care. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care. This course includes the complete program competency list. At the completion of this clinical learners must demonstrate competence in a minimum of 26 (required and/or simulated) competencies (cumulative through all clinical courses). The instructor may identify specific competencies to be addressed during this clinical.

*Prerequisite: Respiratory Life Support 10515113, Respiratory Clinical 3 10515179; Corequisite: Respiratory Clinical 3 10515179*

**Respiratory Clinical 5**

**10515183**

**3 credits**

Focuses on the completion of respiratory therapy competencies and transition to employment. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care. This course includes the complete program competency list. At the completion of this clinical learners must demonstrate competence in all of the required and required/simulated competencies. The instructor may identify specific competencies to be addressed during this clinical.

*Corequisite: Respiratory Clinical 4 10515182*

**Respiratory Disease**

**10515176**

**3 credits**

Exploration of signs, symptoms, causes, progression, and treatment of diseases or disorders of the body that affect the respiratory cardiopulmonary system. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisites: Respiratory Survey 10515111, General Anatomy & Physiology 10806177, and Microbiology 10806197; Co-reqs: Respiratory Airway Management 10515112, Respiratory Life Support 10515113*

**Respiratory Life Support**

**10515113**

**3 credits**

Focuses on management of adult ventilatory support. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisites: Respiratory Therapeutics 2 10515172 and Respiratory Clinical 1 10515175; Corequisites: Respiratory Airway Management 10515112, Respiratory Disease 10515176*

**Respiratory Neo/Peds Care**

**10515180**

**2 credits**

Provides a comprehensive orientation to the field of neonatal and pediatric respiratory care to include fetal development, birth, neonatal physiology, pulmonary dynamics, abnormal cardiopulmonary conditions, diseases, noninvasive and invasive therapeutic interventions.

Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisite: Respiratory Life Support 10515113 and Respiratory Clinical 3 10515179*

**Respiratory Pharmacology**

**10515173**

**3 credits**

Examines basic pharmacology principles, drug dosage, and calculations. Medications for inhalation including mucolytics, bronchodilators, and anti-inflammatories. Also includes cardiac drugs, anesthetic drugs, neuromuscular blockers, and antimicrobials. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisites: Respiratory Survey 10515111, Respiratory Therapeutics 1 10515171, and General Anatomy & Physiology 10806177*

**Respiratory Survey**

**10515111**

**3 credits**

Examines the role of the Respiratory Therapist within the healthcare community. Reviews the ethical, legal, and regulatory principles that guide practice across diverse populations. Introductory patient assessment and critical thinking processes used in the development of respiratory care plans are explored. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisites: Admission to Respiratory Therapy program 105151; Corequisites: Medical Terminology 10501101 and General Anatomy & Physiology 10806177*

**Respiratory Therapeutics 1**

**10515171**

**3 credits**

Introduces the topics of medical gas administration and humidity and aerosol therapy. The learner will apply physics, math and patient assessment concepts to oxygen, aerosol and humidity therapy. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisites: Admission to Respiratory Therapy program 105151; Corequisites: Respiratory Survey 10515111, Medical Terminology 10501101, and General Anatomy & Physiology 10806177*

**Respiratory Therapeutics 2**

**10515172**

**3 credits**

Introduces therapeutic procedures including arterial puncture, bronchial hygiene, lung expansion therapy, and pulmonary rehabilitation. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisites: Respiratory Therapeutics 1 10515171, Respiratory Survey 10515111, and General Anatomy & Physiology 10806177*

**Respiratory Therapist Test Prep**

**10515101**

**1 credit**

Explores strategies for preparing for respiratory therapist professional examinations including study skills, test-preparation skills, and test-taking skills. Includes a basic review of content related to the examinations.

*Corequisite: Respiratory Clinical 4 10515182*

**Respiratory/Cardiac Physiology**

**10515174**

**3 credits**

Provides the student with an in-depth knowledge of the structure and function of the respiratory and circulatory systems necessary to function as a competent Respiratory Therapist. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisites: General Anatomy & Physiology 10806177, Respiratory Survey 10515111, and Respiratory Therapeutics 1 10515171*

**Respiratory/Cardio Diagnostics**

**10515181**

**3 credits**

Advanced invasive and noninvasive diagnostic cardiopulmonary procedures including pulmonary function, hemodynamics and rescue medicine. Emphasis is placed on promotion of evidence-based practice using established clinical practice guidelines and published research for its relevance to patient care.

*Prerequisite: Respiratory Clinical 3 10515179*

**Speech**

**10801198**

**3 credits**

Explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of this course. Includes informative, persuasive, and occasion speech presentations.

*Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 253 and Writing of 262 or ACT of 21 Reading/19 English or completion of College Reading and Writing 1 10831104 with a "C" or better*

**Written Communication**

**10801195**

**3 credits**

Develops writing skills which include prewriting, drafting, revising, and editing. A variety of writing assignments are designed to help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Also develops critical reading and thinking skills through the analysis of a variety of written documents.

*Prerequisite: High School GPA of 2.6 and MMW or Accuplacer Writing of 262 or ACT English score of 20 or completion of College Reading and Writing 1 10831104 with a "C" or better*