Associate in Applied Science (AAS)  
Program Code: 10-515-1  
Total Credits: 69

The Respiratory Therapist 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 gasses. The program combines classroom instruction and clinical experience with actual patients and equipment at local hospitals and agencies. Travel is required.

Salary information: mstc.edu/programsalaries  
Estimated tuition and fees: mstc.edu/programcosts

ACADEMIC ADVISORS  
To schedule an appointment with your academic advisor, call 715.422.5300.

Shawn Zee, MS  
Marshfield Campus • shawn.zee@mstc.edu

Alex Lendved, MS  
Stevens Point Campus • alex.lendved@mstc.edu

Stephanie Bender, MAC  
Wisconsin Rapids Campus • stephanie.bender@mstc.edu

CHECKLIST:  
This section will be completed when meeting with your academic advisor.

- FAFSA (www.fafsa.gov)  
- Financial Aid Form(s)  
  Form(s): ___________________________  
- Follow-Up Appointment:  
  Where: ____________________________  
  When: ____________________________  
  With: _____________________________  
- Official Transcripts  
  Mid-State Technical College  
  Attention CPL Coordinator  
  500 32nd Street North  
  Wisconsin Rapids, WI 54494

- Criminal Background Statement of Understanding and Release of Information Form  
- Other: _____________________________  
  _____________________________

mstc.edu  
888.575.6782  
877.543.7894 (toll-free)

ADAMS COUNTY CENTER  
401 North Main  
Adams, WI 53910

MARSHFIELD CAMPUS  
2600 West 5th Street  
Marshfield, WI 54449

STEVENS POINT CAMPUS  
1001 Centerpoint Drive  
Stevens Point, WI 54481

WISCONSIN RAPIDS CAMPUS  
500 32nd Street North  
Wisconsin Rapids, WI 54494

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; 4/2018.
BACHELOR’S DEGREE OPTIONS
Cardinal Stritch University
BS Respiratory Therapist Completion

UW-Stevens Point
BS Health Science-Health Care Administration

For more information and additional opportunities, visit mstc.edu/transfer.

RESPIRATORY THERAPIST
ASSOCIATE IN APPLIED SCIENCE
69 CREDITS

CAREER OPTIONS
Cardiopulmonary Technician
EKG Technician
Respiratory Therapist

HIGH SCHOOL STUDENT
COLLEGE TRANSFER
RETURNING ADULT

College Credit • Dual Credit • Military Experience • Work Experience
Learn about Credit for Prior Learning at mstc.edu/cpl.

BEGIN AT ANY POINT IN THE PATHWAY

OTHER OPTIONS

RELATED PROGRAMS
• Central Service Technician
• Health Information Management
• Health & Wellness Promotion
• Medical Assistant
• Medical Coder
• Nursing
• Nursing Assistant
• Pharmacy Technician
• Pharmacy Services Management
• Phlebotomy Technician
• Surgical Technologist
PROGRAM OUTCOMES
Employers will expect you, as a Respiratory Therapist 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.

Respiratory therapists in Wisconsin and many other states are licensed professionals. The Respiratory Therapist program is accredited by:

Commission on Accreditation for Respiratory Care (CoARC)
1248 Harwood Road, Bedford, TX 76021-4244
817.283.2835 • www.coarc.com

ADDITIONAL ENTRY CRITERIA
To apply to the Respiratory Therapist program, please submit the following documents to Mid-State Admissions:
• Criminal Background Statement of Understanding and Release of Information form

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

FUNCTIONAL ABILITIES
A list of specific physical, emotional, and mental tasks needed to function as a respiratory therapist is available at mstc.edu/programs/respiratory-therapist. Contact the disability 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 to a private vendor.

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.

This ACT program is 100 percent funded with a TAACCCT Round IV $19.9 million grant awarded by the US Department of Labor’s Employment and Training Administration. This program is an equal opportunity program, and auxiliary aids and services are available upon request to individuals with disabilities. This workforce product was funded by a grant awarded by the US Department of Labor’s Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the US Department of Labor. The US Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.

STUDENT HANDBOOK
Visit 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.

NOTES:
GRADUATION REQUIREMENT
The GPS for Student Success course is required for all Mid-State students and must be completed prior to obtaining 12 credits. (Not counted in the total credit value for this program.)

GPS for Student Success
10890102 ...............................................................1 credit
Integrate necessary skills for student success by developing an academic plan, identifying interpersonal attributes for success, adopting efficient and effective learning strategies, and utilizing Mid-State resources, policies, and processes. This course must be completed prior to obtaining 12 credits and as a graduation requirement.

ADDITIONAL COURSES AS NEEDED
The following courses may be recommended or required if the student does not achieve minimum Accuplacer scores.

Intro to College Reading
10838104 .............................................................2 credits
Provides learners with the opportunities to develop and expand reading skills, including comprehension and vocabulary skills. Learners apply reading skills to academic tasks and read to acquire information from a variety of sources.

Intro to College Writing
10831103 ..............................................................3 credits
Introduces basic principles of composition, including organization, development, unity, and coherence in paragraphs and multi-paragraph documents. The purpose of this course is to prepare students for successful entry into required program courses. This course is tuition bearing and under certain circumstances may qualify for financial aid. This course cannot be used to satisfy program completion requirements at Mid-State.
Prerequisite: Accuplacer Sentence Skills score of 60 or equivalent. Proficiency in word processing skills recommended.

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.
Prerequisite: Accuplacer Math score of 65, Accuplacer Algebra score of 30, ABE Math Prep V 76854785 and ABE Math Prep VI 76854786 with a grade of “S.” (Note: ABE Math Prep V and VI courses cannot be used to satisfy program completion requirements at Mid-State.)
### SAMPLE FULL-TIME CURRICULUM OPTION

<table>
<thead>
<tr>
<th>Term</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>10501101</td>
<td>Medical Terminology</td>
<td>3 credits</td>
</tr>
<tr>
<td>10515111</td>
<td>Respiratory Survey</td>
<td>3 credits</td>
</tr>
<tr>
<td>10515171</td>
<td>Respiratory Therapeutics 1</td>
<td>3 credits</td>
</tr>
<tr>
<td>10801136</td>
<td>English Composition 1</td>
<td>3 credits</td>
</tr>
<tr>
<td>10801195</td>
<td>Written Communication</td>
<td>3 credits</td>
</tr>
<tr>
<td>10806177</td>
<td>General Anatomy &amp; Physiology</td>
<td>4 credits</td>
</tr>
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<td><strong>Term</strong></td>
<td><strong>16 credits</strong></td>
<td></td>
</tr>
<tr>
<td>10515172</td>
<td>Respiratory Therapeutics 2</td>
<td>3 credits</td>
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<tr>
<td>10515173</td>
<td>Respiratory Pharmacology</td>
<td>3 credits</td>
</tr>
<tr>
<td>10515174</td>
<td>Respiratory/Cardiac Physiology</td>
<td>3 credits</td>
</tr>
<tr>
<td>10806197</td>
<td>Microbiology</td>
<td>4 credits</td>
</tr>
<tr>
<td>10809166</td>
<td>Intro to Ethics: Theory &amp; Application</td>
<td>3 credits</td>
</tr>
<tr>
<td><strong>Term</strong></td>
<td><strong>5 credits</strong></td>
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<tr>
<td>10515175</td>
<td>Respiratory Clinical 1</td>
<td>2 credits</td>
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<tr>
<td>10801196</td>
<td>Oral/Interpersonal Communication</td>
<td>3 credits</td>
</tr>
<tr>
<td>10801198</td>
<td>Speech</td>
<td>3 credits</td>
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<td><strong>Term</strong></td>
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<td>10515112</td>
<td>Respiratory Airway Management</td>
<td>2 credits</td>
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<tr>
<td>10515113</td>
<td>Respiratory Life Support</td>
<td>3 credits</td>
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<tr>
<td>10515176</td>
<td>Respiratory Disease</td>
<td>3 credits</td>
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<tr>
<td>10515178</td>
<td>Respiratory Clinical 2</td>
<td>3 credits</td>
</tr>
<tr>
<td>10515179</td>
<td>Respiratory Clinical 3</td>
<td>3 credits</td>
</tr>
<tr>
<td>10809122</td>
<td>Intro to American Government</td>
<td>3 credits</td>
</tr>
<tr>
<td>10809172</td>
<td>Intro to Diversity Studies</td>
<td>3 credits</td>
</tr>
<tr>
<td>10809196</td>
<td>Intro to Sociology</td>
<td>3 credits</td>
</tr>
<tr>
<td><strong>Term</strong></td>
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<td>10515101</td>
<td>Respiratory Therapist Test Prep</td>
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<td>10515180</td>
<td>Respiratory Neo/Peds Care</td>
<td>2 credits</td>
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<td>10515181</td>
<td>Respiratory/Cardio Diagnostics</td>
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<td>10515182</td>
<td>Respiratory Clinical 4</td>
<td>3 credits</td>
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<td>10515183</td>
<td>Respiratory Clinical 5</td>
<td>3 credits</td>
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<td>10809188</td>
<td>Developmental Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>10809198</td>
<td>Intro to Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>69 credits</strong></td>
<td></td>
</tr>
</tbody>
</table>

Please Note:
- 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/classfinder.
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. A student scoring between 55-80 on Accuplacer Reading Comprehension is recommended to co-enroll in the Introduction to College Reading course.
Prerequisite: Minimum Accuplacer scores - Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10848104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better

English Composition 1
10801136 ......................................................... 3 credits
Designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing, and revising are applied through a variety of activities. Students analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals develop critical reading skills through analysis of various written documents.
Prerequisite: Accuplacer Sentence Skills score of 85 or equivalent, or Intro to College Writing 10831103 with a grade of “C” or better. Proficiency in word processing skills recommended.

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: Minimum Accuplacer score for Reading is 55 (Students scoring between 55-80 are encouraged to enroll in Introduction to College Reading) and one semester of college-level biology or chemistry with a “C” or better, or Human Body in Health & Disease 10509102 with a “C” or better, or Emergency Medical Technician-Basic 10531168 with a “C” or better

Intro 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. A student scoring between 55-80 on their Accuplacer Reading Comprehension, or 60-80 on Accuplacer Sentence Skills is recommended to co-enroll in the Introduction to College Reading course and/or Introduction to College Writing course, respectively.
Prerequisite: Minimum Accuplacer scores - Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10848104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better

Intro 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. A student scoring between 55-80 on Accuplacer Reading Comprehension or 60-80 on Accuplacer Sentence Skills is recommended to co-enroll in the Introduction to College Reading course and/or Introduction to College Writing course, respectively.
Prerequisite: Minimum Accuplacer Scores - Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10848104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better

Intro to Psychology
10809198 ......................................................... 3 credits
This introductory course surveys the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings. A student scoring between 55-80 on Accuplacer Reading Comprehension is recommended to co-enroll in the Introduction to College Reading course.
Prerequisite: Minimum Accuplacer scores - Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10848104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better
Intro 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, and social organization. A student scoring between 55-80 on Accuplacer Reading Comprehension or 60-80 on Accuplacer Sentence Skills is recommended to co-enroll in Introduction to College Reading and/or Introduction to College Writing, respectively.  
**Prerequisite: Minimum Accuplacer scores - Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10831104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better**

Introduction to Diversity Studies  
**10809172 .................................................................3 credits**  
Introduces learners to the study of diversity from a local to a global environment using a holistic, interdisciplinary approach. Encourages self-exploration and prepares the learner to work in a diverse environment. In addition to an analysis of majority/minority relations in a multicultural context, the primary topics of race, ethnicity, age, gender, class, sexual orientation, disability, and religion are explored. A student scoring between 55-80 on Accuplacer Reading Comprehension or 60-80 on Accuplacer Sentence Skills is recommended to co-enroll in the Introduction to College Reading course and/or Introduction to College Writing course, respectively.  
**Prerequisite: Minimum Accuplacer scores - Reading 55, Sentence Skills 60 or equivalent, or Intro to College Reading 10831104 with a grade of “C” or better and Intro to College Writing 10831103 with a grade of “C” or better**

Medical Terminology  
**10501101 .................................................................3 credits**  
Focuses on the component parts of medical terms: prefixes, suffixes, and word roots. Students 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 microorganisms. Disease production, epidemiology, host defense mechanisms, and the medical impact of microbes in the environment, industry, and biotechnology are also addressed.  
**Prerequisite: General Anatomy & Physiology 10806177, or General Biology 10806114, or Plant Biology 10806184 with a grade of “C” or better**

Oral/Interpersonal Communication  
**10801196 .................................................................3 credits**  
Focuses upon developing speaking, verbal, and non-verbal communication, and listening skills through individual presentations, group activities, and other projects. For a student scoring between 55-80 on their Accuplacer Reading Comprehension exam and 60-80 on the Sentence Skills exam, it is recommended to co-enroll in the Introduction to College Reading and/or Intro to College Writing courses.  
**Prerequisite: Minimum Accuplacer scores - Reading 55, Sentence Skills 60 or equivalent**

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**

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 5 (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**

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 12 (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.  
**Prerequisites:** Respiratory Clinical 3 10515179, Respiratory Life Support 10515113

### 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

### 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 10515171; **Corequisite:** Respiratory Airway Management 10515112

### 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 105113 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.  
**Prerequisite:** Admission to Respiratory Therapy 105151 program; **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.  
**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. If a student earns below the minimum Accuplacer score in each category (Reading 80, Sentence Skills 85), he/she is eligible to take Oral Communication in lieu of Speech, provided the Accuplacer scores are minimum of Reading 55 and Sentence Skills 60, or the student has completed Intro to College Writing and/or Intro to College Reading with a “C” or better.
Prerequisite: Minimum Accuplacer scores - Reading 80, Sentence Skills 85, or completion of Intro to College Writing and/or Intro to College Reading with a “C” or better or equivalent

Written Communication
10801195 ...............................................................3 credits
Develops writing skills, which include prewriting, drafting, revising, and editing. A variety of writing assignments is 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 analysis of a variety of written documents.
Prerequisite: Accuplacer Sentence Skills score of 85 or equivalent, or Intro to College Writing 10831103 with a grade of “C” or better. Proficiency in word processing skills recommended.