

**Ferris State University**  
**College of Health Professions**  
**Respiratory Care – Associate of Applied Science (AAS) Degree**

REQUIRED COURSES	COURSE TITLE (Pre-requisites)	CREDITS
<b>GENERAL EDUCATION REQUIREMENTS</b>		
<a href="http://www.ferris.edu/HTMLS/academics/gened/courses/GenEd-associate.pdf">http://www.ferris.edu/HTMLS/academics/gened/courses/GenEd-associate.pdf</a>		
<b>Communication Competence: 9 Credits Required</b>		
COMM 105 or 221	Communications Foundation Course (none) COMM 105 Interpersonal Communication OR COMM 221 Small Group Decision-making	3
ENGL 150	English 1 (ENGL 074 or minimum ACT sub-score of 14 or 370 on SAT)	3
ENGL 250	English 2 (ENGL 150)	3
<b>Scientific Understanding: 3 Credits Required for Gen Ed; 9 Credits Required for Respiratory Care Program</b>		
CHEM 114	Intro to General Chemistry (CHEM 103 "C-" OR a year of HS CHEM and MATH 100 "C-" OR ACT 19 or SAT 460)	4
BIOL 205	Human Anatomy and Physiology (CHEM 114 or CHEM 121 "C-")	5
<b>Quantitative Skills: 3-4 Credits or Proficiency Required</b>		
MATH 114 or MATH 115 Compass Algebra of 46 or ACT of 24	Intermediate Algebra or Quantitative Reasoning for Professionals or equivalent (MATH 110 with a grade of C- or better, OR 19 on ACT or 460 on SAT)	4/3
<b>Social Awareness: 3 Credits Required</b>		
Elective	Social Awareness Foundations Course (see link above)	3
<b>Cultural Enrichment: 3 Credits Required</b>		
Elective	Cultural Enrichment Course (see link above)	3
<b>RESPIRATORY CARE MAJOR REQUIREMENTS</b>		
<b>Core Curriculum for Health Professions: 5 Credits Required</b>		
COHP 100	Orientation to Medical Vocabulary (none)	1
COHP 101	The U.S. Health Care Systems (none)	3
COHP 102	Safety Issues in Health Care (none)	1
<b>Professional Sequence Courses: 44 Credits Required</b>		
RESP 100	Introduction to Respiratory Care (Admission to Professional Sequence)	1
RESP 119	Cardiopulmonary Anatomy and Physiology (Admission to Professional Sequence)	2
RESP 123	Patient Assessment and Gas Therapy (Admission to Professional Sequence)	2
RESP 124	Patient Assessment and Gas Therapy Lab (Admission to Professional Sequence)	1
RESP 125	Cardiopulmonary Pharmacology (RESP 119, RESP 123, RESP 124)	2
RESP 145	Respiratory Care Procedures (RESP 119, RESP 123, RESP 124)	3
RESP 146	Respiratory Care Procedures Lab (RESP 119, RESP 123, RESP 124)	2
RESP 162	Cardiopulmonary Pathophysiology (RESP 119, RESP 123, RESP 124)	2
RESP 171	Cardiopulmonary Diagnostic Testing (RESP 162)	2
RESP 172	Cardiopulmonary Diagnostic Testing Lab (RESP 162)	1
RESP 182	Arterial Blood Gases and Oxygenation (RESP 119, RESP 123, RESP 124, RESP 162)	2
RESP 192	Clinical Practicum 1 – Basic Assessment and Therapy (RESP 119, RESP 123, RESP 124)	2
RESP 193	Clinical Practicum 2 – Advanced Therapy (RESP 145, RESP 146, RESP 192)	2

RESP 220	Adult Mechanical Ventilation (RESP 162, RESP 192)	3
RESP 221	Adult Mechanical Ventilation Lab (RESP 162, RESP 192)	2
RESP 230	Neonatal/Pediatric Respiratory Care (RESP 220, RESP 221, RESP 193)	2
RESP 231	Neonatal/Pediatric Respiratory Care Lab (RESP 220, RESP 221, RESP 193)	1
RESP 241	Respiratory Care Clinical Simulation Review (RESP 292 and must be taken in final semester)	2
RESP 292	Clinical Practicum 3 – Adult Critical Care (RESP 193, RESP 220, RESP 221)	4
RESP 294	Clinical Practicum 4 – Specialties (RESP 171, RESP 172, RESP 230, RESP 231, RESP 292)	4
RESP 299	Respiratory Care Capstone – Self-Assessment Exams (RESP 292 and must be taken in final semester)	2
<b>TOTAL Program Credits:</b>		<b>77/76</b>

### OTHER PROGRAM INFORMATION

#### Program Grade Requirements:

- Students must earn a “C” or better in no more than two attempts in: BIOL 205, CHEM 114 and MATH 114 or MATH 115.
- Students must earn a “C” or better in CHP Core Curriculum Requirements.
- Students must earn a “C” or better in no more than two attempts in all RESP Courses as well as all qualifying coursework.

#### Program Progression Policy:

- Any student who receives less than a letter grade of “C” in one Respiratory Care course must stop the Respiratory Care sequence. They must repeat the course the next time it is offered (if a seat is available).
- Two unsuccessful (less than a letter grade of “C”) attempts in any required course (or two unsuccessful attempts in the same course) will result in dismissal from the Respiratory Care Program.
- If at any time a student’s college cumulative GPA falls below a 2.5 they will be dismissed from the Respiratory Care Program.

#### FSU Credit Policy:

- Students must earn a minimum of 15 degree credits for the AAS degree from FSU.

#### FSU Sunset Policy:

- If a student returns to the university after an interrupted enrollment (not including summer semester), the requirements of the curriculum (including General Education) which are in force at the time of return must be met, not the requirements in effect at the time of original admission. In special circumstances, the academic department head/chair may permit the student to finish under the program requirements in force at the time of original admission to the program.

#### Program Accreditation:

- The Respiratory care program at Ferris State University is fully accredited by the Commission on Accreditation for Respiratory Care (CoARC). CoARC can be contacted at: CoARC 1248 Harwood Road Bedford, TX 76021-4244. 817-283-2835, or [www.coarc.com](http://www.coarc.com)

#### PROGRAM LEARNING OUTCOMES

Graduates will demonstrate the ability to recall, apply, and analyze the common core of knowledge required of an entry level registered respiratory therapist in the following areas:

- Patient data and clinical information
- Therapeutic modalities
- Diagnostic procedures
- Emergency care

#### ASSESSMENT METHODS/CRITERIA

- National Board for Respiratory Care (NBRC), Therapist Multiple Choice (TMC) exam (Certified Respiratory Therapist level success)
- Commission on Accreditation for Respiratory (CoARC) Care Graduate survey data in the area of knowledge base (cognitive domain).
- CoARC Employer survey data in the area of knowledge base (cognitive domain).

<p>Graduates will demonstrate the ability to apply technical skills in all prescribed therapeutic modalities and diagnostic procedures required of an entry level registered respiratory therapist.</p>	<ul style="list-style-type: none"> <li>• CoARC Graduate survey data in the area of clinical proficiency (psychomotor domain).</li> <li>• CoARC Employer survey data in the area of clinical proficiency (psychomotor domain).</li> </ul>
<p>Graduates will demonstrate the ability to display professional behaviors appropriate to the registered respiratory therapist.</p>	<ul style="list-style-type: none"> <li>• CoARC Graduate survey data in the area of behavioral skills (affective domain).</li> <li>• CoARC Employer survey data in the area of behavioral skills (affective domain).</li> </ul>
<p>Graduates will demonstrate the ability to transition from the role of respiratory therapy student to entry level respiratory therapist.</p>	<ul style="list-style-type: none"> <li>• Employment utilizing skills as defined by the scope of practice within the respiratory care profession, enrolled full- or part-time in another degree program, or serving in the military within 12 months of graduation.</li> <li>• CoARC Graduate survey data for overall satisfaction with the program.</li> <li>• CoARC Employer survey data for overall satisfaction with the program.</li> <li>• Program retention/attrition.</li> </ul>