

**North Central Michigan College (NCMC)**  
 Transfer Guide

The Respiratory Care field offers challenge and mobility. Working as a member of the health care team, you will participate in the diagnosis, treatment and rehabilitation of patients with diseases of the heart and lungs. You will be prepared to give patients both emergency and long-term life support in a continually changing environment. The curriculum is designed to include a combination of theory, laboratory and clinical coursework. Among the areas of study are human anatomy and physiology, pathophysiology, chemistry, pharmacology and mathematics. Other courses deal with therapeutic and diagnostic procedures and tests, equipment, patient assessment, cardiopulmonary resuscitation, the application of clinical practice guidelines, patient care outside of hospitals, cardiac pulmonary rehabilitation, respiratory health promotion and disease prevention. The program is fully accredited by the Commission on Accreditation for Respiratory Care.

**Communication Competency Course Requirements**

FSU Course	FSU Course Title	FSU Cr. Hrs.	NCMC Equiv.	NCMC Course Title	NCMC Cr. Hrs.
ENGL 150	English 1	3	ENG 111	English Composition 1	3
ENGL 250	English 2	3	ENG 112	English Composition 2	3

**Quantitative Literacy Course Requirements**

FSU Course	FSU Course Title	FSU Cr. Hrs.	NCMC Equiv.	NCMC Course Title	NCMC Cr. Hrs.
MATH 114 or MATH 115	Quantitative Reasoning for Professions or Intermediate Algebra	3-4	MATH 112	Beginning/Intermediate Algebra	4

**Natural Sciences Competency Course Requirements – Met through Professional Sequence**

FSU Course	FSU Course Title	FSU Cr. Hrs.	NCMC Equiv.	NCMC Course Title	NCMC Cr. Hrs.
CHEM 114	Intro to General Chemistry	4	CEM 101	General Chemistry	4

**Self and Society Competency Course Requirements – Minimum 3 credits**

FSU Course	FSU Course Title	FSU Cr. Hrs.	NCMC Equiv.	NCMC Course Title	NCMC Cr. Hrs.
Varies	FSU General Education – Self and Society Competency	3	Varies	Varies	3

**Culture Competency Course Requirements - Minimum 3 credits**

FSU Course	FSU Course Title	FSU Cr. Hrs.	NCMC Equiv.	NCMC Course Title	NCMC Cr. Hrs.
Varies	FSU General Education - Culture Electives	3	Varies	Varies	3

**Additional General Education Course Requirements**

FSU Course	FSU Course Title	FSU Cr. Hrs.	NCMC Equiv.	NCMC Course Title	NCMC Cr. Hrs.
COMM 105 or COMM 221	Interpersonal Communication or Small Group Decision Making	3	COM 170	Interpersonal Communication	3
BIOL 205	Human Anatomy and Physiology	5	BIO 133	Human Biology & Lab	4

[Ferris State University General Education Program](#) Students are encouraged to work with an advisor to select appropriate general education courses.

**Core Curriculum**

FSU Course	FSU Course Title	FSU Cr. Hrs.	NCMC Equiv.	NCMC Course Title	NCMC Cr. Hrs.
COHP 100	Orientation to Medical Vocabulary	1	OAS 116	Medical Terminology	1
COHP 101	The U.S. Health Care Systems	3	No Equivalent	No Equivalent	No Equivalent
COHP 102	Safety Issues on Health Care	1	No Equivalent	No Equivalent	No Equivalent

## Professional Sequence

FSU Course	FSU Course Title	FSU Cr. Hrs.	NCMC Equiv.	NCMC Course Title	NCMC Cr. Hrs.
RESP 100	Introduction to Respiratory Care	1	No Equivalent	No Equivalent	No Equivalent
RESP 119	Cardiopulmonary Anatomy and Physiology	2	No Equivalent	No Equivalent	No Equivalent
RESP 123	Patient Assessment and Gas Therapy	2	No Equivalent	No Equivalent	No Equivalent
RESP 124	Patient and Assessment and Gas Therapy Lab	1	No Equivalent	No Equivalent	No Equivalent
RESP 125	Cardiopulmonary Pharmacology	2	No Equivalent	No Equivalent	No Equivalent
RESP 145	Respiratory Care Procedures	3	No Equivalent	No Equivalent	No Equivalent
RESP 146	Respiratory Care Procedures Laboratory	2	No Equivalent	No Equivalent	No Equivalent
RESP 162	Cardiopulmonary Pathophysiology	2	No Equivalent	No Equivalent	No Equivalent
RESP 171	Cardiopulmonary Diagnostic Testing	2	No Equivalent	No Equivalent	No Equivalent
RESP 172	Cardiopulmonary Diagnostic Testing Lab	1	No Equivalent	No Equivalent	No Equivalent
RESP 182	Arterial Blood Gases and Oxygenation	2	No Equivalent	No Equivalent	No Equivalent
RESP 192	Clinical Practicum 1	2	No Equivalent	No Equivalent	No Equivalent
RESP 193	Clinical Practicum 2	2	No Equivalent	No Equivalent	No Equivalent
RESP 220	Adult Mechanical Ventilation	3	No Equivalent	No Equivalent	No Equivalent
RESP 221	Adult Mechanical Ventilation Laboratory	2	No Equivalent	No Equivalent	No Equivalent
RESP 230	Neonatal/Pediatric Respiratory Care	2	No Equivalent	No Equivalent	No Equivalent
RESP 231	Neonatal/Pediatric Respiratory Care Lab	1	No Equivalent	No Equivalent	No Equivalent
RESP 241	Respiratory Care Clinical Simulation Review	2	No Equivalent	No Equivalent	No Equivalent
RESP 292	Clinical Practicum 3	4	No Equivalent	No Equivalent	No Equivalent
RESP 294	Clinical Practicum 4	4	No Equivalent	No Equivalent	No Equivalent
RESP 299	Respiratory Care Capstone	2	No Equivalent	No Equivalent	No Equivalent
<b>Total Credits Required for Degree</b>					<b>76</b>

## Program Contact Information:

### Main Campus, Big Rapids

### College of Health Professions

(800) 433-7747 | (231) 591-2270 | [College of Health Professions Email](#)

[Transfer Partnerships Webpage](#)

## Delivery Locations

This degree and the Ferris courses are offered at the following locations:

- Ferris State University, Big Rapids Campus
- Ferris State University, Grand Rapids Campus
- Select courses may be delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location)

## General Admission Criteria

### Transfer Students

- Must have a 2.0 GPA

## Admission Requirements to the Professional Sequence

### Transfer Students

- Students must be admitted to the University
- Must have a 2.5 college GPA
- Must have a grade of C or higher in BIOL 205, CHEM 114, MATH 114 or 115, and COHP 100.
- Must have a grade of C- or higher in ENGL 150

## Advising Notes

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. Students who are completing the MTA may have different general education course requirements for the particular degree selected. Meeting with a Ferris advisor prior to the selection of general education or elective course work may reduce the chance of completing a course that will not apply toward the selected degree. Once admitted, students must continue to meet with an advisor as they work toward graduation.

## Ferris State University and North Central Michigan College – Respiratory Care AAS - Transfer Guide

Effective Spring 2019

Ferris State University is an equal opportunity institution. For information on the University's Policy on Non-Discrimination, visit [ferris.edu/non-discrimination](http://ferris.edu/non-discrimination).

**Transfer Student Orientation**

All new students to Ferris State University are required to complete an orientation.

**Online Learning**

Select courses delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location). The "Online Readiness Tutorial" is required for students who register for an online *course* or are completing an online *degree*. Students must demonstrate competency in Blackboard skills. This may be done by taking a tutorial and quiz, or, for students who have already taken and passed online courses, they can submit a waiver request. Students should check with the department that offers the class to determine its particular needs and/or the Ferris advisor regarding registration for online course work.

**Reverse Transfer Agreement**

The Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both the community college and Ferris.

**Michigan Transfer Agreement (MTA)**

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Students must work with their Ferris advisor to declare a Minor or Concentration and for selection of Directed Electives.

**Disclaimer**

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris. The information on this guide is subject to change. Students should contact their community college or Ferris to keep informed of changes. Final responsibility for verifying all transfer information lies with the student. Please refer to effective and/or revised date on the bottom of this guide.