

## Montcalm Community College Transfer Guide

In nuclear medicine, radionuclides (unstable atoms that emit radiation spontaneously) are used to diagnose and treat disease. Nuclear medicine technologists administer these radiopharmaceuticals to patients, then monitor the characteristics and functions of tissues or organs in which they localize. Abnormal areas show higher or lower concentrations of radioactivity than normal. This program is the only University-based Nuclear Medicine Technology program in Michigan and combines general education and specialized courses with clinical training. The program is fully accredited by the *Joint Review Committee on Educational Programs in Nuclear Medicine Technology*.

### Course Requirements

#### Montcalm Community College

Course	Ferris Equiv.	Montcalm CC Course Titles	Cr. Hrs.
COMM 210	COMM 121	Speech	3
or	or	or	
COMM 220	COMM 105*	Interpersonal Communication	
ENGL 100	ENGL 150*	Freshman English I	3
ENGL 101	ENGL 250	Freshman English II	3
CHEM 220	CHEM 121	College Chemistry I	5
and	and	and	
CHEM 221	CHEM 122	College Chemistry II	5
	(sub for CHEM 114)*		
BIOL 201	BIOL 108*	Medical Microbiology	3
BIOL 202	BIOL 205*	Anatomy & Physiology I	8
and		and	
BIOL 203		Anatomy & Physiology II	
PHYS 230	PHYS 211	Intro Physics I	4
and	and	and	
PHYS 231	PHYS 212	Intro Physics II	4
	(sub for PHYS 130)*		
MATH 104	MATH 115*	Intermediate Algebra	4
Montcalm CC	VARIES	Social Awareness Electives (3 cr must transfer to FSU at 200+ level and must come from 2 departments)	9
Montcalm CC	VARIES 3 credits prereq.*	Cultural Enrichment Electives (3 cr must transfer to FSU at 200+ level)	9
AHEA 215	MRIS 103*	Medical Terminology	3

Asterisk (\*) courses above indicate prerequisites required to apply to the professional/clinical sequence. For further details, see [www.ferris.edu/chp](http://www.ferris.edu/chp) select link **Nuclear Medicine Technology**, select link **Application for Professional Sequence** in the right column. The **NMT Curriculum Guide** link is in this same right column.

*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.*

#### Ferris State University

Course	Ferris Course Titles	Cr. Hrs.
COHP 101	The U.S. Health Care System	3
COHP 102	Safety Issues in Health Care	1
COHP 350	Statistics in Health Care	3
COHP 450	Evidence-Based Health Practice	3
ENGL 321 or	Advanced Composition or	
ENGL 311 or	Advanced Technical Writing or	3
ENGL 325	Advanced Business Writing	
NUCM 100	Introduction to Nuclear Medicine	1
NUCM 101	Practical Mathematics in Nuclear Medicine	1
NUCM 110	Principles & Practices of Nuclear Medicine	3
NUCM 111	Principles & Practices of Nuclear Medicine Lab	1
NUCM 205	Nuclear Medicine Instrumentation	3
NUCM 206	Nuclear Medicine Instrumentation Lab	1
NUCM 215	Clinical Procedures 1	4
NUCM 216	Clinical Procedures 1 Lab	1
NUCM 240	Cross Sectional Imaging	3
NUCM 310	PET, CT and MR Imaging	4
NUCM 320	Clinical Procedures 2	4
NUCM 321	Clinical Procedures 2 Lab	1
NUCM 340	Advanced Imaging Techniques	2
NUCM 350	Nuclear Cardiology	2
NUCM 351	Nuclear Cardiology Lab	1
NUCM 360	Management and Leadership in NMT	3
NUCM 370	Pharmacology in Nuclear Medicine	1
NUCM 485	NMT Theory 1	1
NUCM 486	NMT Theory	1
NUCM 493	Clinical Application in NMT 1	10
NUCM 494	Clinical Application in NMT 2	10
NUCM 499	Capstone in NMT	2

**Minimum Credits Required for Degree 120**

### Contact Information

**Big Rapids Campus**  
**College of Health Professions**  
 (231) 591-2270 or [CHP@ferris.edu](mailto:CHP@ferris.edu)  
[www.ferris.edu/CHP](http://www.ferris.edu/CHP)

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## General Admission Criteria

This Bachelor degree accepts students as first-year “freshman” based on admissions criteria, but students can also enter with college-earned credit. Transferred coursework must have “C” grades or higher (2.0 on 4.0 scale). However, for all applicants, admission to the degree is based on application and acceptance to the University and an additional **Application for Professional Sequence** of the Nuclear Medicine Technology degree as outlined by the College of Health Professions. Students should officially apply to the **Application for Professional Sequence** between January 15 and January 30 of any academic year if they will have their qualifications completed by the end of the spring semester for consideration to start the following summer semester.

For detailed information, see [www.ferris.edu/chp](http://www.ferris.edu/chp), select link **Nuclear Medicine Technology**, select link **Application for Professional Sequence** in the right column. The link for the **NMT Program Curriculum Guide** is in this same location.

## Delivery Locations

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

- Ferris State University - Big Rapids Campus, Big Rapids, Michigan
- Ferris State University - Grand Rapids Campus, Grand Rapids, Michigan
- Fully online – must have an Associate Degree in Nuclear Medicine and a current license to be eligible for admission to the fully online Nuclear Medicine Technology Bachelor of Science Completion program. See [www.ferris.edu/CHP](http://www.ferris.edu/CHP) and select link **Nuclear Medicine Technology Completion** for further information.

## Transfer Student Orientation

All new students to Ferris State University are required to complete an orientation. Orientation for incoming freshmen is a one-day session that occurs on campus and includes class registration. Eligible transfer students have the option of completing an online orientation or attending an on campus session.

## Advising Notes

It is recommended that potential students 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 any electives or general education classes shown above could 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 towards graduation.

## Online Learning

Orientation is required for students who register for an online *course* or are completing an online *degree*. Students must demonstrate competency in FerrisConnect 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.

## 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.

## 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 the effective and/or revised date on the bottom of the guide.*

**Effective Summer 2015**

Transfer Guide Revised Spring 2015

TSC/MTA updated June 2014