

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Magnetic Resonance Imaging Technology  
Associate in Applied Science Degree

Curriculum Code: 1632 (Effective Summer 2016 – Summer 2019)

This associate degree program is intended for people who are not already certified technologists with the American Registry of Radiologic Technologist (ARRT). The program provides didactic hybrid distance education, laboratory simulation, and clinical education experiences in magnetic resonance imaging. Graduates will be eligible to take the national registry examination administered by ARRT. **Not all courses in this program transfer to all colleges.** Students planning to transfer should see an academic advisor before enrolling in any course.

#### PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information. Students successfully completing prerequisites for admission to the MRIT Program will have at a minimum a Reading Level 5, a Writing Level 6, and a Math Level 6.

#### INFORMATION

For the most recent and complete information, students should contact the Medical Imaging Programs, Health and Human Services Building, Room 108, telephone number (517) 483-1410 (Website: [www.lcc.edu/hhs/programs/radiology/](http://www.lcc.edu/hhs/programs/radiology/)) or the Program Director of Imaging Technology, Health and Human Services Building Room 114.17, telephone number (517) 483-5379.

#### REQUIREMENTS (See Notes 1, 2, and 3)

CODE	TITLE	TOTAL: 49 CREDITS CREDIT HOURS
BIOL 201	Human Anatomy	4
BIOL 202	Human Physiology	4
MRIT 200	Professional Prospectus (See Note 2)	1
MRIT 201	Computer Apps/Medical Imaging	3
MRIT 220	MR Physics I	3
MRIT 222	MR Physics II	3
MRIT 229	Applied Sectional Anatomy	3
MRIT 230	MR Procedures and Pathophys I	3
MRIT 232	MR Procedures and Pathophys II	3
MRIT 240	MRI Image Analysis	3
MRIT 260	MRI Pre-Clinical Preparation	3
MRIT 261	Clinical Practice I	3
MRIT 262	Clinical Practice II	3
MRIT 263	Clinical Practice III	3
MRIT 295	MRI Certification Exam Prep	3
SOCL 120	Introduction to Sociology	4

#### LIMITED CHOICE REQUIREMENTS

TOTAL: 14-15 CREDITS

Complete the indicated number of credits from EACH CHOICE listed below.

**CHOICE 1: [General Education Core Areas](#)****7–8 Credits**

(Click the link above for information on how to fulfill these requirements. Core area proficiency exams, where appropriate, are available for each core area.)

Communication Core Area (See Note 4)	0
Global Perspectives and Diversity Core Area (See Note 5)	0
Mathematics Core Area (See Note 6)	4
Science Core Area (See Note 5)	0
Writing Core Area	3–4

**CHOICE 2: Physics****4 Credits**

PHYS 120	The Art of Physics	4
PHYS 200	Intro Physics with Application	4

**CHOICE 3: Communication****3 Credits**

SPCH 110	Oral Comm in the Workplace	3
SPCH 120	Dynamics of Communication	3

**MINIMUM TOTAL****63****NOTES:**

1. Students must complete all non-MRIT courses with a minimum 2.0 by the end of fall semester and prior to progressing to MRIT courses.
2. MRIT 200 requires Department Approval. Applications must be submitted by January 1 and are available by contacting the Program Director of Imaging Technology at 517-483-5379.
3. Students must complete each MRIT course with a minimum 2.5 to progress to the next semester and meet graduation requirements.
4. Students completing "CHOICE 3" have fulfilled the requirements for the Communication Core area.
5. Students completing "REQUIREMENTS" have fulfilled the requirements for this Core area with BIOL 202 for Science and SOCL 120 for Global Perspectives and Diversity.
6. Students must choose MATH 121 or higher. Options include: MATH 122, 126, 130, 141, 151, 152, 161, 162, 201, 202, 253, 254, 260 or STAT 170 or STAT 215.

**SUGGESTED COURSE SEQUENCE**

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

<b>I</b>	<b>II</b>	<b>III – Summer</b>	<b>IV – Fall</b>
BIOL 201	BIOL 202	MRIT 200	MRIT 201
Writing Core	MATH 121 or higher	MRIT 229	MRIT 220
Lim.Ch.2	SOCL 120	MRIT 260	MRIT 230
Lim.Ch.3			MRIT 261
<b>V –Spring</b>	<b>VI –Summer</b>		
MRIT 222	MRIT 263		
MRIT 232	MRIT 295		
MRIT 240			
MRIT 262			