

LANSING COMMUNITY COLLEGE

Health & Public Services

**Curriculum Code:
1632 (Effective
Summer 2017 –
Summer 2020)**

**Magnetic Resonance Imaging Technology A.A.S.
Pathway**

The MRI (Magnetic Resonance Imaging) Consortium Program through the Michigan Community College Association via the Michigan Colleges Online of which LCC is a member, received Initial Accreditation from the Joint Review Committee on Education in Radiological Sciences (JRCERT), 20 N Wacker Drive, Suite 2850, Chicago, IL 60606-3182.

Courses in this program are offered through the Michigan Community College Association/ Michigan Colleges Online, and taught by various colleges in the Michigan Radiologic and Imaging Science Consortium (MiRIS).

Admission Requirements

Students must complete all non-MRIT courses with a minimum 2.0 prior to starting to MRIT courses the following summer.

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.

Students must complete each MRIT course with a minimum 2.5 to progress to the next semester and meet graduation requirements.

Students interested in this program of study must refer to the [Health and Human Services Division website](#) for specific details.

Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Communication Core Area - <i>Select 1</i>			
COMM 110 <i>(formerly SPCH 110)</i>	Oral Comm in the Workplace	Reading Level 5 and Writing Level 6 or AASD 104 concurrently	3 / 3
COMM 120 <i>(formerly SPCH 120)</i>	Dynamics of Communication	Reading Level 5 and Writing Level 6	3 / 3
Writing Core Area - <i>Select 1</i>			
ENGL 121 <i>(formerly WRIT 121)</i>	Composition I	Reading Level 5 and Writing Level 6	4 / 4
ENGL 122 <i>(formerly WRIT 122)</i>	Composition II	Minimum 2.0 in ENGL 121 (formerly WRIT 121) or ENGL 131 (formerly WRIT 131) or (Reading Level 5 and Writing Level 8	4 / 4
ENGL 131 <i>(formerly WRIT 131)</i>	Honors Composition I	Reading Level 5 and Writing Level 7	4 / 4
ENGL 132 <i>(formerly WRIT 132)</i>	Honors Composition II	Reading Level 5 and Writing Level 8 and Minimum 3.5 in WRIT 121 or WRIT 131	4 / 4

Program of Study Requirements			
BIOL 201	Human Anatomy	Reading Level 5 and Writing Level 6 and Math Level 4	4 / 6
Physics Requirement - <i>Select 1</i>			
PHYS 120	The Art of Physics	Reading Level 5 and Writing Level 6 and (Math Level 5 or MATH 107 concurrently or MATH 109 concurrently)	4 / 5
PHYS 200	Intro Physics With Application	Reading Level 5 and Writing Level 6 and Math Level 5	4 / 5
Credits			15 / 18
Semester II	Course Title	Prerequisites	Credit/ Billing Hours
Math Core Area - <i>Select 1</i>			
MATH 121	Precalculus I	(Minimum 2.5 in MATH 109 or MATH 112 within 2 years or Math Level 6 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
STAT 170	Introduction to Statistics	(Minimum 2.0 in MATH 105 or MATH 106 or above or Math Level 5) and Reading Level 5 and Writing Level 4	4 / 4
STAT 215	Intro to Probability and Stats	(Minimum 2.0 in MATH 120 or above or Math Level 7) and Reading Level 5 and Writing Level 4	4 / 4
Science Core Area - <i>Select 1</i>			
BIOL 202	Human Physiology	Reading Level 5 and Writing Level 6 and Math Level 5 or Minimum 2.0 in MATH 109 or STAT 170 or concurrent enrollment in MATH 119 and Minimum 2.0 in BIOL 201 or concurrently	4 / 5

Global Perspectives and Diversity Core Area - <i>Select 1</i>			
SOCL 120	Introduction to Sociology	Reading Level 5 or AASD 105 concurrently	4 / 4
Credits			12 / 13
Semester III SUMMER	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
*Flat rates follow the Michigan Community College Association/ Michigan Online tuition rates. Please contact the Radiologic Technology Program Director for costs.			
MRIT 200	Professional Prospectus	Certificate students: ARRT Certification in Radiography and Department Approval; AAS students: minimum 2.0 in all prerequisite courses and Department Approval. Admission to the MiRIS Magnetic Resonance Imaging Program is required for both.	1 / 0*
MRIT 229	Applied Sectional Anatomy	Certificate students: ARRT Certification in Radiography and Department Approval; AAS students: Minimum 2.0 in all prerequisite courses and Department Approval. Admission to the MiRIS Magnetic Resonance Program is required for both.	3 / 0*
MRIT 260	MRI Pre-Clinical Preparation	Certificate students: ARRT Certification in Radiography and Department Approval; AAS students: minimum 2.0 in all prerequisite courses and Department Approval. Admission to the MiRIS Magnetic Resonance Program is required for both.	3 / 0*
Credits			7 / 0*

Semester IV FALL	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
MRIT 201	Computer Apps/Medical Imaging	Minimum 2.5 in MRIT 200 and MRIT 229 and MRIT 260	3 / 0*
MRIT 220	MR Physics I	Minimum 2.5 in MRIT 200 and MRIT 229 and MRIT 260	3 / 0*
MRIT 230	MR Procedures and Pathophys I	Minimum 2.5 in MRIT 200 and MRIT 229 and MRIT 260	3 / 0*
MRIT 261	Clinical Practice I	Minimum 2.5 in MRIT 200 and MRIT 229 and MRIT 260	3 / 0*
Credits			12 / 0*
Semester V SPRING	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
MRIT 222	MR Physics II	Minimum 2.5 in MRIT 201 and MRIT 220 and MRIT 230 and MRIT 261	3 / 0*
MRIT 232	MR Procedures and Pathophys II	Minimum 2.5 in MRIT 201 and MRIT 220 and MRIT 230 and MRIT 261	3 / 0*
MRIT 240	MRI Image Analysis	Minimum 2.5 in MRIT 201 and MRIT 220 and MRIT 230 and MRIT 261	3 / 0*
MRIT 262	Clinical Practice II	Minimum 2.5 in MRIT 201 and MRIT 220 and MRIT 230 and MRIT 261	3 / 0*
Credits			12 / 0*

Semester VI SUMMER	Course Title	Prerequisites	Credit/Billing Hours
Program of Study Requirements			
MRIT 263	Clinical Practice III	Minimum 2.5 in MRIT 222 and MRIT 232 and MRIT 240 and MRIT 262	3 / 0*
MRIT 295	MRI Certification Exam Prep	Minimum 2.5 in MRIT 222 and MRIT 232 and MRIT 240 and MRIT 262	3 / 0*
Credits			6 / 0*
Total Credits			64 / 31*