

LANSING COMMUNITY COLLEGE

Health & Public Services

**Curriculum Code: 1602
(Effective Summer
2017 – Fall 2018)**

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

The MRI Certificate of Achievement is intended for registered/certified radiologic technologists with the American Registry of Radiologic Technologists® (ARRT). As of January 1, 2015, these registered/certified technologists must also already have an associate degree or higher.

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..

Admission Requirements

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.

*Flat rates follow the Michigan Community College Association/ Michigan Online tuition rates. Please contact the Radiologic Technology Program Director for costs.

| Semester I Summer | Course Title | Prerequisites | Credit/ Billing Hours |
|--------------------------------------|------------------------------|---|----------------------------------|
| Program of Study Requirements | | | |
| MRIT 200 | Professional Prospectus | ARRT Certification in Radiography and Department Approval | 1 / 0* |
| MRIT 229 | Applied Sectional Anatomy | ARRT Certification in Radiography and Department Approval | 3 / 0* |
| MRIT 260 | MRI Pre-Clinical Preparation | ARRT Certification in Radiography and Department Approval | 3 / 0* |
| Credits | | | 7 / 0* |

| Semester II 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; Co-requisite Course(s): MRIT 220 and MRIT 230 and MRIT 261 | 3 / 0* |
| MRIT 220 | MR Physics I | Minimum 2.5 in MRIT 200 and MRIT 229 and MRIT 260; Co-requisite Course(s): MRIT 201 and MRIT 230 and MRIT 261 | 3 / 0* |
| MRIT 230 | MR Procedures and Pathophys I | Minimum 2.5 in MRIT 200 and MRIT 229 and MRIT 260; Co-requisite Course(s): MRIT 201 and MRIT 220 and MRIT 261 | 3 / 0* |
| MRIT 261 | Clinical Practice I | Minimum 2.5 in MRIT 200 and MRIT 229 and MRIT 260; Co-requisite Course(s): MRIT 201 and MRIT 220 and MRIT 230 | 3 / 0* |
| Credits | | | 12 / 0* |

| Semester III 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; Co-requisite Course(s): MRIT 232 and MRIT 240 and MRIT 262 | 3 / 0* |
| MRIT 232 | MR Procedures and Pathophys II | Minimum 2.5 in MRIT 201 and MRIT 220 and MRIT 230 and MRIT 261; Co-requisite Course(s): MRIT 222 and MRIT 240 and MRIT 262 | 3 / 0* |
| MRIT 240 | MRI Image Analysis | Minimum 2.5 in MRIT 201 and MRIT 220 and MRIT 230 and MRIT 261; Co-requisite Course(s): MRIT 222 and MRIT 232 and MRIT 262 | 3 / 0* |
| MRIT 262 | Clinical Practice II | Minimum 2.5 in MRIT 201 and MRIT 220 and MRIT 230 and MRIT 261; Co-requisite Course(s): MRIT 222 and MRIT 232 and MRIT 240 | 3 / 0* |
| Credits | | | 12 / 0* |
| Semester IV 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; Co-requisite Course(s): MRIT 295 | 3 / 0* |
| MRIT 295 | MRI Certification Exam Prep | Minimum 2.5 in MRIT 222 and MRIT 232 and MRIT 240 and MRIT 262; Co-requisite Course(s): MRIT 263 | 3 / 0* |
| Credits | | | 6 / 0* |
| Total Credits | | | 37 / 0* |