

# LANSING COMMUNITY COLLEGE

## CURRICULUM GUIDE

Magnetic Resonance Imaging Technology  
Certificate of Achievement

Curriculum Code: 1602 (Effective Summer 2014 – Fall 2015)

The MRI Certificate of Achievement is intended for registered/certified radiologic technologists with the American Registry of Radiologic Technologists® (ARRT). The curriculum provides didactic hybrid distance education, laboratory simulation, and clinical experience to teach the essential content needed to begin a career in Magnetic Resonance Imaging. Successful completion of the program qualifies students for examination by the ARRT in Magnetic Resonance Imaging.

### 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.

### INFORMATION

Contact the Medical Imaging Programs, Health and Human Services Building, Room 108, telephone number (517) 483-1410 (Website: [www.lcc.edu/health/](http://www.lcc.edu/health/)) or Academic Advising Department, Gannon Building, Room 200, telephone number (517) 483-1904.

### REQUIREMENTS (See Note 1)

**TOTAL: 37 CREDITS**

| CODE                 | TITLE                          | CREDIT HOURS |
|----------------------|--------------------------------|--------------|
| MRIT 200             | Professional Prospectus        | 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            |
| <b>MINIMUM TOTAL</b> |                                | <b>37</b>    |

**NOTES:**

1. Students must complete all required courses with a minimum grade of 2.5 to receive this certificate of achievement.
2. This curriculum is administered by LCC and the MiRIS Consortium. The Consortium Members are two and four year institutions of higher education which have agreed to share resources and cooperate in offering educational opportunities for their students seeking to earn degrees and certificates in Radiologic and Imaging Sciences. The MiRIS Consortium includes the following institutions: Grand Valley State University (GVSU), Kellogg Community College (KCC), Grand Rapids Community College (GRCC), Lake Michigan College (LMC), Lansing Community College (LCC), and Mid-Michigan Community College (MMCC).

**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 (Summer)</b> | <b>II (Fall)</b> | <b>III (Spring)</b> | <b>IV (Summer)</b> |
|-------------------|------------------|---------------------|--------------------|
| MRIT 200          | MRIT 201         | MRIT 222            | MRIT 263           |
| MRIT 229          | MRIT 220         | MRIT 232            | MRIT 295           |
| MRIT 260          | MRIT 230         | MRIT 240            |                    |
|                   | MRIT 261         | MRIT 262            |                    |