

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Radiologic Technology
Associate in Applied Science Degree

Curriculum Code: 0196 (Effective Fall 2015– Summer 2017)

Radiologic technologists, also called radiographers, operate X-ray equipment under the direction of a physician, taking radiographs of internal parts of the body. Most often radiologic technologists are employed in hospitals, clinics and physician offices. Graduates of the program will be eligible for examination by the American Registry of Radiologic Technologists (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. This program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N Wacker Drive Suite 2850, Chicago, IL 60606–3182.

This is a selective admission program. In order to be considered as a candidate for this program, students must meet basic admission requirements beyond those required for admission to the college. Many of the courses for this program are open only to students officially admitted to the Radiologic Technology Program.

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 Radiologic Technology Program will have at a minimum a Reading Level 5, a Writing Level 6, and a Math Level 5.

INFORMATION

The admission and/or graduation requirements for this program may change each academic year. **The program requirements below apply only to those students who have been admitted to the program for the 2015/2016 academic year.** For the most recent and complete information, interested 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/).

REQUIREMENTS FOR ADMISSION TO THE RADIOLOGIC TECHNOLOGY PROGRAM

For current information about admission requirements, students must contact the Medical Imaging Programs, Health and Human Services Building, Room 108, telephone number (517) 483–1410.

| REQUIREMENTS (See Note 1) | | TOTAL: 61 CREDITS |
|----------------------------------|--------------------------------|--------------------------|
| CODE | TITLE | CREDIT HOURS |
| BIOL 201 | Human Anatomy | 4 |
| BIOL 202 | Human Physiology | 4 |
| CHSE 117 | Health Law and Ethics | 2 |
| IRXT 100 | Intro to Imaging/Patient Care | 4 |
| IRXT 111 | Radiographic Positioning I | 5 |
| IRXT 112 | Radiographic Positioning II | 5 |
| IRXT 121 | Radiographic Exposure I | 3 |
| IRXT 122 | Radiographic Exposure II | 3 |
| IRXT 131 | Radiologic Physics | 3 |
| IRXT 132 | Radiobiology and Protection | 2 |
| IRXT 200 | Intro to Radiologic Pathology | 2 |
| IRXT 202 | Clinical Practice I | 4 |
| IRXT 204 | Clinical Practice II-S | 5 |
| IRXT 214 | Comprehensive Experience I | 6 |
| IRXT 215 | Comprehensive Experience II | 6 |
| IRXT 270 | Computed Tomography: CT Basics | 1 |
| IRXT 295 | Special Topics - Board Review | 2 |

LIMITED CHOICE REQUIREMENTS

TOTAL: 9-12 CREDITS

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

CHOICE 1: [General Education Core Areas](#)

9-12 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 | 3-4 |
| Global Perspectives and Diversity Core Area | 3-4 |
| Mathematics Core Area (See Note 2) | 0 |
| Science Core Area (See Note 3) | 0 |
| Writing Core Area | 3-4 |

MINIMUM TOTAL

70

NOTES:

1. Current Basic Cardiac Support Certification (BLS) is required throughout the program (NCHE 102 or NCHE 103 or American Heart Association/Health Care Provider or American Red Cross/Professional Rescuer).
2. Students completing Phase I requirements for admission to the Radiologic Technology Program have fulfilled the requirements for this Core area.
3. Students completing "REQUIREMENTS" have fulfilled the requirements for this Core area.

4. Students must complete all IRXT courses with a minimum 2.5 grade to progress to the next semester and meet graduation requirements. All other courses must be completed with a minimum 2.0 grade to be used toward completion of this degree.

SUGGESTED COURSE SEQUENCE

BIOL 201 and BIOL 202 must be completed prior to admission to the Radiologic Technology Program as part of the Phase I requirements for admission. MATH 112 is also required for admission and may be waived by successfully passing the MATH 112 proficiency exam. The program admits students for the fall semester only. Students who for any reason are unable to follow the course sequence suggested below (for example, those who have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments. Although not a requirement, it is strongly recommended that students complete all General Education Core requirements before entry into the program.

| I | II | III (Fall) | IV (Spring) |
|------------------------------|--|--|----------------------|
| BIOL 201 | BIOL 202 | IRXT 100 | IRXT 112 |
| MATH 112 (or proficiency) | Lim.Ch. Lim.Ch. | IRXT 111 IRXT 121 | IRXT 122 IRXT 202 |
| V (Summer) | VI (Fall) | VII (Spring) | |
| IRXT 204 | CHSE 117 IRXT 131 IRXT 214 IRXT 270 | IRXT 132 IRXT 200 IRXT 215 IRXT 295 | |