

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Radiologic Technology
Associate in Applied Science Degree

Curriculum Code: 0196 (Effective Fall 2016– Summer 2018)

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 2016/2017 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: 13–16 CREDITS**

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

CHOICE 1: [General Education Core Areas](#) **13–16 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)	4
Science Core Area (See Note 3)	0
Writing Core Area	3–4

MINIMUM TOTAL **74**

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 Math Core requirement by completing MATH 121 or higher or STAT 170 or STAT 215.

3. Students completing BIOL 202 with a minimum 2.0 grade have fulfilled the requirements for the Science 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 and MATH 121 or higher or STAT 170 or STAT 215 must be completed prior to admission to the Radiologic Technology Program as part of the Phase I requirements for admission. 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 2016	IV –Spring 2017
BIOL 201	BIOL 202	IRXT 100	IRXT 112
MATH 121 or higher	Lim.Ch.	IRXT 111	IRXT 122
Lim.Ch.	Lim.Ch.	IRXT 121	IRXT 202
V –Summer 2017	VI –Fall 2017	VII –Spring 2018	
IRXT 204	CHSE 117	IRXT 132	
	IRXT 131	IRXT 200	
	IRXT 214	IRXT 215	
	IRXT 270	IRXT 295	