



## Radiologic Technology, AAS Degree - 78 credits

Program Area: Health (Fall 2017)

**\*\*\*REMEMBER TO REGISTER EARLY\*\*\***

### Program Description

Radiologic Technology, the foundation of medical imaging, is an exciting blend of advanced technology and patient care. Excellent communication and critical thinking skills, an aptitude for science, and a compassionate nature are essential for success in the field. As Radiographers, graduates have opportunities to use their knowledge of anatomy, physiology, and physics to create permanent images that help physicians diagnose illness, injury, and disease. The Radiographer is an integral member of the health care team during emergencies and surgery as well as during standard radiographic and fluoroscopic procedures.

Career and continuing education opportunities are diverse. Hospitals, clinics, health care facilities, industrial plants, educational centers, research centers, and government agencies offer employment.

### Program Outcomes

Students will:

- Students will cultivate critical thinking skills for effective clinical competency.
- Students will develop communication skills for effective clinical competency.
- Students will exhibit awareness of the importance for professional growth and development.
- Students will demonstrate clinical competence.

*Qualified applicants should be aware that program class sizes are limited, which may delay acceptance into the program.*

*You may be required to complete additional (or less) coursework, dependent upon the results of your Computerized Placement Test (CPT) and/or previous coursework completed or certifications awarded.*

### Pre-Program Courses

Course	Course title	Credits	Term
ALTH1410	Medical Terminology	1	
ALTH1440	Medical Ethics and the Law	1	
BIOL1140	Human Anatomy and Physiology I	4	
BIOL1141	Human Anatomy and Physiology II	4	
ENGL1106 OR ENGL1109	College Composition I OR College Composition II	3	
RADT1402	Introduction to Medical Imaging	1	

### Required Courses

Course	Course title	Credits	Term
RADT1404	Patient Care in Medical Imaging	1	
RADT1453	Radiographic Procedures I	3	
RADT1455	Concepts of Digital Radiography	1	
RADT1480	Radiation Biology & Protection	2	
RADT1558	Clinical Radiography I	4.5	
RADT1559	Clinical Radiography Theory I	0.5	
RADT1463	Radiographic Procedures II	4	
RADT1552	Image Production I	3	
RADT1568	Clinical Radiography II	7.5	
RADT1569	Clinical Radiography Theory II	0.5	
RADT1578	Clinical Radiography III	2.5	
RADT1579	Clinical Radiography Theory III	0.5	
RADT1560	Image Production II	3	
RADT2453	Radiographic Procedures III	4	
RADT2558	Clinical Radiography IV	7.5	
RADT2559	Clinical Radiography Theory IV	0.5	
RADT2455	Radiographic Pathology	1	
RADT2552	Advance Medical Imaging	2	
RADT2568	Clinical Radiography V	7.5	
RADT2569	Clinical Radiography Theory V	0.5	
RADT2572	Directed Studies in Radiologic Tech.	1	
PSYC1135 OR SOC1111	Lifespan Developmental Psychology OR Introduction to Sociology	3	
RADT2578	Clinical Radiography VI	2.5	
RADT2579	Clinical Radiography VI	0.5	
	General Education –MTC	1	

**Total credits**

**78**

**\*Courses may require a prerequisite. Refer to the course outline or check with an advisor.**

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General Education courses that are required may be taken prior to entering the program, as long as the specific prerequisites for that course have been met. Please check with your advisor. All pre-program courses in the program need to be completed with a grade of "C" or better to progress into the next semester. To be considered program ready for fall, the minimum cumulative GPA of pre-program courses must be 3.0 or better.

## Pre-program Requirements

Successful entry into this program requires a specific level of skill in the areas of English, mathematics, and reading. Program entry will depend, in part, on meeting the prerequisites listed below.

### English/Reading:

- A score of 78 or higher on the reading comprehension portion of the CPT,
- OR completion of ENGL0950 or READ0950, which may **not** be taken concurrently with Semester I coursework,
- OR ENGL0955 or READ0955, which may **not** be taken concurrently with Semester I coursework,
- OR equivalent transfer course or higher

### Mathematics:

- A score of 71 or higher on the Elementary Algebra skills portion of the CPT,
- OR completion of MATH0460, which may **not** be taken concurrently with Semester I coursework,
- OR its equivalent course or higher

**NOTE:** You will need a recent physical examination including current immunizations and a current negative Tuberculosis (TB) screening. Current certification in American Heart Association: BLS Healthcare Provider or American Red Cross: BLS/CPR for Healthcare Providers is required for all clinical courses. Program students will complete CPR during the first semester for RADT 1558 Clinical Radiography I. Proof of current registration as a Certified Nursing Assistant or Certified Medical Assistant. Background Study approval is required from the State of Minnesota and/or Wisconsin. A national criminal background study is required by some clinical sites. Students assigned to a clinical site requiring a criminal background study will be informed of this requirement prior to the start of the clinical experience.

## Program Accreditation

The Radiologic Technology Program at Lake Superior College is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182 or <http://www.jrcert.org/>

## Program Articulation

For additional information on the most current list of LSC program articulations see us at: [http://www.mntransfer.org/students/plan/s\\_agreements.php](http://www.mntransfer.org/students/plan/s_agreements.php):

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For more information about the Radiologic Technology AAS degree including course descriptions, course prerequisites, and potential career opportunities see program Website: <https://degrees.lsc.edu/radiologic-technologist/> OR contact advising at 218-733-7601 or professional advising team at [pat@lsc.edu](mailto:pat@lsc.edu). Britni Hardy, Director of Radiologic Technology can be contacted at 218-733-7713 or [b.hardy@lsc.edu](mailto:b.hardy@lsc.edu)



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