

Lake Superior College

Program Planner

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Effective: *Fall 2011*

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.

BIOL1141 must be taken in or before Semester I. All other General Education courses required by this program may be taken during any term, as long as the specific prerequisites for that course have been met. Please check with your advisor.

Program:	Radiologic Technology
Degree Type:	Associate in Applied Science
Total Required Credits:	82

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:

- A score of 86 or higher on the Sentence Skills portion of the CPT, OR
- Completion of ENGL0460 or its equivalent transfer course or higher with a grade of "C" or better.
- If required, ENGL0460 may not be taken concurrently with Semester I coursework.

Mathematics:

- A score of 71 or higher on the Elementary Algebra Skills portion of the CPT, OR
- Completion of MATH0460 or its equivalent transfer course or higher with a grade of "C" or better.
- If required, MATH0460 may not be taken concurrently with Semester I coursework.

Reading:

- A score of 78 or higher on the Reading Comprehension portion of the CPT, OR
 - Completion of READ0465 or its equivalent transfer course or higher with a grade of "C" or better.
 - If required, READ0465 may not be taken concurrently with Semester I coursework.
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Required Pre-technical Courses

Course ID# (concurrent)	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
FYE1000 (Yes)	Intro to College (None) NOTE: This course is highly recommended to be taken prior to program start, but may be taken concurrently during Semester I of the program.	F/S	1	
*ALTH1410 (No)	Medical Terminology (READ0465)	F/S	1	
*ALTH1440 (No)	Medical Ethics and the Law (READ0465)	F/S	1	
BIOL1005 (No)	Introduction to Cell Biology (College-level reading and writing)	F/S	1	
*BIOL1140 (No)	Human Anatomy and Physiology I (BIOL1002, BIOL1120, or BIOL1005 with a grade of "C" or better, or test out)	F/S	4	
*ENGL1106 (No)	Composition I (College-level reading and writing)	F/S	3	

IMPORTANT NOTICE

Prior to taking any RADT courses, all pre-technical courses listed above must be completed with a grade of "C" or better. **To be considered program ready for fall, the minimum cumulative GPA of asterisk (*) courses must be 3.0 or better.**

NOTE: A recent health physical examination including current Mantoux is required. Background Study approval is required from the State of Minnesota and/or Wisconsin as well as a criminal background study through Verified Credentials, Inc. Program students will complete CPR during the first semester in RADT1558.

Semester I

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
RADT1402	Introduction to Medical Imaging (ALTH1410, ALTH1440 or concurrent; BIOL1005 or concurrent enrollment)	F	1	
RADT1404	Patient Care in Medical Imaging (Admission to the Radiologic Technology program; RADT1402 or concurrent enrollment)	F	1	
RADT1453	Radiographic Procedures I (Admission to the Radiologic Technology program or instructor's consent)	F	3	
RADT1552	Image Production I (Admission to the Radiologic Technology program, and MATH0460 or placement test scores)	F	3	

RADT1558	Clinical Radiography I (Entry into the Radiologic Technology program, current criminal background study approval, State of Minnesota/Wisconsin background study approval)	F	6	
BIOL1141	Human Anatomy and Physiology II (BIOL1140)	F/S	4	
Total Credits for Term			18	

Semester II

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
RADT1463	Radiographic Procedures II (RADT1453 concurrent with RADT1568)	S	4	
RADT1560	Image Production II (RADT1552)	S	3	
RADT1568	Clinical Radiography II (RADT1558, current criminal background study approval, State of Minnesota/Wisconsin background study approval)	S	8	
Total Credits for Term			15	

Summer Session

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
RADT1578	Clinical Radiography III (RADT1568, current criminal background study approval, State of Minnesota/Wisconsin background study approval)	SUM	4	
Total Credits for Term			4	

Semester III

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
RADT2453	Radiographic Procedures III (RADT1463)	F	4	
RADT2455	Radiographic Pathology (RADT1463)	F	1	
RADT2558	Clinical Radiography IV (RADT1578, current criminal background study approval, State of Minnesota/Wisconsin background study approval)	F	8	
RADT2552	Advanced Medical Imaging (RADT2453 or current ARRT certification)	F	2	
Total Credits for Term			15	

Semester IV

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
RADT2550	Radiation Biology and Protection (RADT1560)	S	2	
RADT2560	Quality Assurance in Radiologic Technology (RADT1560)	S	1	
RADT2568	Clinical Radiography V (RADT2558, current criminal background study approval, State of Minnesota/Wisconsin background study approval)	S	8	
RADT2572	Directed Studies in Radiologic Technology (RADT2550)	S	1	
PSYC1135 OR SOC1111	Lifespan Developmental Psychology (PSYC1120 and READ1450 highly recommended; college-level reading and writing) OR Introduction to Sociology (College-level reading and writing)	F/S F/S	3 (3)	
Total Credits for Term			15	

Summer Session

Course ID#	Course Title (Pre-reqs)	Term	Credits	Grade/ Term
RADT2578	Clinical Radiography VI (RADT2568, current criminal background study approval, State of Minnesota/Wisconsin background study approval)	SUM	4	
Total Credits for Term			4	

- *All courses in diploma and/or certificate programs are acceptable for credit toward Lake Superior College degree programs as indicated on individual program planners.*
- *This is not a contract; Lake Superior College reserves the right to change the planner as necessary.*
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