

# RADIOLOGIC TECHNOLOGY, ASSOCIATE IN APPLIED SCIENCE

**Missouri Civics Examination.** Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully complete a civics examination. Information on who is eligible for a waiver can be found on our website: <https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>.

**PLEASE NOTE:** If you originally enrolled at STLCC prior to Fall 2021, you may need to view an archived catalog (<https://www.stlcc.edu/programs-academics/>

course-catalog/) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

## Program Prerequisites (to be completed prior to applying to program)

Code	Title	Credit Hours
BIO 111	Introductory Biology I (MOTR BIOL 100L)	4
or CHM 101	Fundamentals of Chemistry I (MOTR CHEM 100L)	
MTH 050	Mathematical Literacy (or higher)	3
Total Credit Hours		7

## General Education (completion of these courses is encouraged prior to beginning program required courses)

Code	Title	Hours	Prerequisites	Milestones/Notes
<b>First Year</b>				
<b>Spring</b>				
BIO 207	Anatomy and Physiology I (MOTR LIFS 150LAP)	4	BIO 111 with grade of "C" or better and Reading Proficiency.	Must be completed with a minimum grade of C before enrolling in XRT 101
BIO 208	Anatomy and Physiology II	4	BIO 207 with a minimum grade of "C" and Reading Proficiency.	
MTH 140	Intermediate Algebra (or higher)	3	MTH 030 or MTH 040 or MTH 050 with a grade of "C" or better or satisfactory score on placement test and Reading Proficiency.	Except MTH 161, MTH 165, MTH 166, or MTH 180
ENG 101	College Composition I (MOTR ENGL 100)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079.	
COM 101	Oral Communication I (MOTR COMM 100)	3	Reading Proficiency or concurrent enrollment in ENG 070.	
PSY 200	General Psychology (MOTR PSYC 100)	3	Reading Proficiency or concurrent enrollment in RDG 079.	
Social & Behavioral Sciences: Civics Requirement		3		
	Credit Hours	23		
	Total Credit Hours	23		

Code	Title	Hours	Prerequisites	Milestones/Notes
<b>Second Year</b>				
<b>Fall</b>				
XRT 101	Radiographic Procedures I	4	Current enrollment in the Radiologic Technology program and Reading Proficiency.	
XRT 111	Clinical Education I	2	Current enrollment in Radiologic Technology program and Reading Proficiency.	
XRT 104	Principles of Radiographic Exposure I	3	Reading Proficiency.	
	Credit Hours	9		

<b>Spring</b>				
XRT 102	Radiographic Procedures II	3	XRT 101 and Reading Proficiency.	
XRT 105	Principles of Radiographic Exposure II	3	XRT 104 and Reading Proficiency.	
XRT 107	Radiologic Physics I	2	XRT 104, XRT 111 and Reading Proficiency.	
XRT 112	Clinical Education II	2	XRT 111 and Reading Proficiency.	
	Credit Hours	10		
<b>Summer</b>				
XRT 121	Radiographic Image Evaluation I	2	XRT 102, XRT 112 and Reading Proficiency.	
XRT 116	Clinical Education III	3	XRT 112 and Reading Proficiency.	
	Credit Hours	5		
<b>Third Year</b>				
<b>Fall</b>				
XRT 213	Clinical Education IV	3	XRT 116 and Reading Proficiency.	
XRT 103	Radiographic Procedures III	3	Current enrollment in the Radiologic Technology program, XRT 102 and XRT 116 and Reading Proficiency.	
XRT 108	Radiologic Physics II	2	XRT 105, XRT 107, XRT 116 and Reading Proficiency.	
XRT 122	Radiographic Image Evaluation II	2	XRT 121, XRT 116 and Reading Proficiency.	
	Credit Hours	10		
<b>Spring</b>				
XRT 207	Radiologic Pathology	2	XRT 103, XRT 122, XRT 213 and Reading Proficiency.	Apply for graduation
XRT 208	Advanced Imaging Modalities	2	XRT 105 and Reading Proficiency.	
XRT 209	Radiobiology	2	XRT 103, XRT 108, Reading Proficiency.	
XRT 214	Clinical Education V	3	XRT 213 and Reading Proficiency.	
	Credit Hours	9		
<b>Summer</b>				
XRT 211	Radiologic Technology Review	3	XRT 207, XRT 208, XRT 209, XRT 214 and Reading Proficiency.	
XRT 212	Professional Development in Radiography	2	XRT 207, XRT 208, XRT 209, XRT 214, Reading Proficiency.	
XRT 215	Clinical Education VI	2	XRT 214 and Reading Proficiency.	
	Credit Hours	7		
	Total Credit Hours	50		

\*Click on the hyperlinked course number to view additional information about the course.

\*\*Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

\*\*\* It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.