Magnetic Resonance Imaging – Certificate of Proficiency Degree
Total Approved Hours Required: **42**
Revised October 2026

CAMPUS PROGRAM CONTACTS
Program Email: mriprogram@stlcc.edu
Retention Coach: Amy Penick, apenick@stlcc.edu

PROGRAM OF STUDY: Pre-Entry Course Requirements. Any additional prerequisite coursework required to complete pre-entry courses are not factored into total program hours.

ADDITIONAL INFO: *It is very important to review the technical standards for this program*. Please see that document attached and reach out to the program if you have questions or concerns regarding your ability to meet expectations.

Selective Admissions to Health Sciences Programs Prerequisites

Rationale: Students who wish to declare a major in some health professions programs must meet minimum criteria to apply. Admission to a program in the School of Health Professions is selective due to availability and limitations of practicum sites and limitations in the number of students who can be accommodated in clinical groups. All students interested in this program should consult a Student Success Advisor at their campus of their choice. The programs in the School of Health Professions require clinical or field experience as part of the curriculum. A criminal background check, drug screen, and documentation of current immunizations are required (at the student's expense) for participation in clinical or other field experiences. Specific academic criteria for admission are on the second page of this document.

Application Requirements		Cr. Hrs.
BIO 111 or BIO 140 or CHM 101	Completion of Introductory Biology with a grade of "C" or higher **OR** completion of Principles of Biology I with a grade of "C" or higher **OR** completion of Fundamentals of Chemistry I with a grade of "C" or higher.	4-5
BIO 207**	Completion of Anatomy and Physiology I with a grade of "C" or higher.	4
BIO 208**	Completion of Anatomy and Physiology II with a grade of "C" or higher.	4
PHY 111 or PSI 101 or XRT 107***	Completion of College Physics I with a grade of "C" or higher **OR** completion of Physical Science with a grade of "C" or higher **OR** completion of Radiologic Physics I with a grade of "C" or higher.	2-4
MTH 160/S or MTH 110/S**	Completion of Precalculus Algebra or Precalculus Algebra w/ Support with a grade of "C" or higher **OR** Completion of Introductory Statistics or Introductory Statistics w/ Support with a grade of "C" or higher.	3-5
ENG 101 or ENG 102	Completion of College Composition I with a grade of "C" or higher **OR** completion of College Composition II with a grade of "C" or higher.	3
HIM 101	Completion of Medical Terminology and Language with a grade of "C" or higher.	3
COM 101 or COM 107	Completion of Oral Communication I with a grade of "C" or higher **OR** completion of Public Speaking with a grade of "C" or higher.	3

Program Requirements (must be completed with a "C" or higher):		
	First Semester	
MRI 101	Magnetic Resonance Imaging Clinical Applications I	5
MRI 102	Magnetic Resonance Imaging Anatomy and Pathology I	3
MRI 103	Magnetic Resonance Imaging Instrumentation I	3
MRI 104	Magnetic Resonance Imaging Safety and Patient Care I	3
MRI 105	Magnetic Resonance Imaging Physics I	3
	Second Semester	
MRI 201	Magnetic Resonance Imaging Clinical Applications II	2
MRI 202	Magnetic Resonance Imaging Anatomy and Pathology II	2
MRI 203	Magnetic Resonance Imaging Instrumentation II	2
MRI 204	Magnetic Resonance Imaging Safety and Patient Care II	2
MRI 205	Magnetic Resonance Imaging Physics II	2
MRI 211	Magnetic Resonance Imaging Practicum I	3
	Third Semester (Summer)	
MRI 212	Magnetic Resonance Imaging Practicum II	5
	Fourth Semester	
MRI 213	Magnetic Resonance Imaging Practicum III	4
MRI 214	Magnetic Resonance Imaging Capstone	3
	Total Hours Required	42

*** Prerequisite courses may be retaken one time for a maximum of two attempts over a five-year period. Withdrawals *DO NOT* count as attempts.**
****BIO 207, BIO 208, PSI 101/PHY 111/XRT 107, and MTH 160/MTH 160S/MTH 110/MTH 110S must be completed within five years of applying to the program. If a student's *math* prerequisite was taken over 5 years ago, they may take the math placement test and do not have to retake the math prerequisite course if the score is 264 or higher on Accuplacer Next-Gen QAS.**
***** Students who have graduated within the last 2 years from a JRCERT accredited Radiologic Technology program are not required to retake math or science courses that are more than 5 years old. All required courses and other prerequisites must have still been completed to be eligible to apply.**
Please visit the interactive class schedule for information regarding class times.

Admission to St. Louis Community College does not guarantee admission to the MRI program. Below is a pre-entry checklist.

	General Pre-entry Requirements:	Check
1	**Application submitted for admission to STLCC.** Please visit www.stlcc.edu/apply.	
2	**Degree Seeking Status.** Official College Transcripts - An official transcript from each college attended must be sent directly from the college attended to the STLCC-Registrar's Office and fully evaluated. Please visit https://stlcc.edu/admissions/apply-to-stlcc/transfer-students/transferring-credit-to-stlcc.aspx for more information.	
	Minimum associate's degree: All applicants must be college graduates with a minimum of an associate's degree.	
3	**Minimum cumulative GPA of 2.7.** *Developmental courses (numbered below 100) completed at any institution will not be counted toward the minimum cumulative GPA. The minimum 2.7 GPA must be maintained while on the MRI Applicant List. A minimum GPA of 2.0 must be maintained once enrolled into the MRI Program.* • All applicants must have a minimum cumulative GPA of 2.7 across all colleges attended.	
4	**Minimum science/math prerequisite GPA of 3.0:** All applicants must have completed the following college-level course prerequisites with a GPA of 3.0 or higher: • BIO 207: Anatomy and Physiology I • BIO 208: Anatomy and Physiology II • PHY 111: College Physics **or** PSI 101: Physical Science **or** XRT 107: Radiologic Physics I • MTH 160/160S: Precalculus Algebra OR MTH 110/110S: Introductory Statistics	
5	**Introductory Science Prerequisite: BIO 111 *OR* BIO 140 OR CHM 101 completed with a grade of "C" or higher. *Prerequisites:*** • Reading Proficiency or concurrent enrollment in RDG 079 (BIO 111) • MTH 140 or MTH 140S or MTH 160S with a grade of "C" or higher or placement into MTH 160, and Reading Proficiency (BIO 140) • MTH 109 or higher with a grade of "C" or higher, or placement into a higher math class, and Reading Proficiency (CHM 101)	
6	**Anatomy and Physiology I: BIO 207 completed with a grade of "C" or higher within 5 years of applying to the program. *Prerequisites:*** • BIO 111 or BIO 140 or CHM 101 with a grade of "C" or higher or college-level course equivalent and Reading Proficiency.	
7	**Anatomy and Physiology II: BIO 208 completed with a grade of "C" or higher within 5 years of applying to the program. *Prerequisites:*** • BIO 207 with a grade of "C" or higher and Reading Proficiency.	
8	**Physics/Physical Science: PHY 111 *OR* PSI 101 *OR* XRT 107 completed with a grade of "C" or higher within 5 years of applying to the program. *Prerequisites*:** • MTH 160 or MTH 160S with a grade of "C" or higher and Reading Proficiency (PHY 111). • MTH 108 or MTH 140S with a grade of "C" or higher, or placement into MTH 110 or higher, and Reading Proficiency (PSI 101). • XRT 104 and XRT 111 with a grade of "C" or higher, concurrent enrollment in XRT 102, XRT 105, and XRT 112, and Reading Proficiency (XRT 107).	
9	**Math: MTH 160/MTH 160S completed with a grade of "C" or higher, *OR* MTH 110/110S completed with a grade of "C" or higher within 5 years of applying to the program. *Prerequisites:*** • MTH 140 or MTH 140S with a grade of "C" or higher or satisfactory score on placement test (MTH 160) • Satisfactory score on placement test and Reading Proficiency (MTH 160S) • Satisfactory score on placement test and Reading Proficiency (MTH 110) • Reading Proficiency (MTH 110S)	
10	**College Composition: ENG 101 *OR* ENG 102 completed with a grade of "C" or higher. *Prerequisites:*** • Satisfactory placement score on placement test or completion of ENG 030 or ENG 070 or EML 072 with a grade of "C" or higher or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079 (ENG 101). • ENG 101 with a grade of "C" or higher and Reading Proficiency (ENG 102).	
11	**Medical Terminology: HIM 101 completed with a grade of "C" or higher. *Prerequisites*:** • Reading Proficiency	

Admission to St. Louis Community College does not guarantee admission to the MRI program. Below is a pre-entry checklist. (Page 2)

	General Pre-entry Requirements:	Check
12	**Oral Communication: COM 101 *OR* COM 107 completed with a grade of "C" or higher. *Prerequisites:*** • Concurrent enrollment in ENG 070 or Reading Proficiency (COM 101). • Reading Proficiency (COM 107)	
13	**Job Shadowing:** All applicants must provide documentation of a minimum of four (4) hours of career shadowing in an MRI department. The career shadowing documentation form must be submitted at the time of application. The form is at the end of this document.	
14	**Patient Care Hours**: All applicants must submit documentation of a minimum of 40 hours of experience in a patient care setting. This experience can consist of volunteer service within a hospital or nursing home environment. The healthcare setting documentation must be submitted at the time of application. Form is at the end of this document.	
	When the above criteria have been met, students must submit an MRI Program application. The application must be signed by both the student and Student Success Advisor. Completed applications must be emailed to mriprogram@stlcc.edu. Mailed or faxed applications will not be accepted or processed. All communication from the MRI program will be sent to *STLCC student email addresses only*. No communication will be mailed or faxed to students. *Admission and degree requirements are subject to change without advance notice.*	

St. Louis Community College

Magnetic Resonance Imaging Program
Job Shadowing Documentation

STLCC ID # | A | | | | | | | | |

Name _____
(Last Name, First Name, MI)

Hospital/ Facility Name _____

Name of Supervising MRI Technologist _____

Phone Number (department) _____ Number of Shadowing Hours _____

Supervising MRI Technologist Signature _____

Please describe your observations, with emphasis on tasks performed by the technicians you observed.

** Job shadowing must be completed within five (5) years prior to application.*

St. Louis Community College

Magnetic Resonance Imaging Program
Patient Care Hours Documentation

STLCC ID # | A | | | | | | | | Name _____
(Last Name, First Name, MI)

Hospital/ Facility Name _____

Name of Supervisor _____

Phone Number (department) _____ Number of Hours of Experience _____

Supervisor Signature _____

Please describe your experiences in a healthcare environment.

** Job shadowing must be completed within five (5) years prior to application.*

Revised March 2026

Magnetic Resonance Imaging Program
Technical Standards

This non-discriminatory policy describes motor, sensory, communication, behavioral/social, and intellectual/critical thinking skills required to perform magnetic resonance imaging tasks. These standards are based on the ASRT Scope of Practice for MRI Technologists. Students in the MRI Program must be able to perform each of the standards stated in this policy. In some cases, the use of adaptive devices may be permitted in order for the student to meet selected technical standards. After reviewing these Technical Standards, any student who believes they require disability-related accommodations to engage and participate in the Program fully should contact the Access Office at STLCC. Given the intricacies associated with clinical-based programs, additional time may be needed to implement an accommodation effectively. In general, disability-related accommodations are not retroactively applied, therefore students are encouraged to engage in conversations with the Access Office as soon as possible.

Motor

The student possesses sufficient motor capabilities to execute movements and skills required to provide MRI services. These include, but are not limited to:

1. Adjust and position equipment and patients, which involves bending or stooping freely to floor level, reaching above the head, lifting, carrying, and pulling.
2. Stand for extended time periods without a break.
3. Endure the assigned period of clinical practice.
4. Ambulate within the assigned area of clinical practice.
5. Assist and safely guard patients who are ambulating, transferring, or performing other activities.
6. Use fine motor skills and manual dexterity of either/both hands to manipulate imaging and medical equipment and peripheral devices.
7. Administer basic cardiopulmonary resuscitation without assistance.
8. Employ proper body mechanics as indicated by regulatory agency guidelines.

Sensory

The student possesses the ability to detect and internalize information in classroom or clinical settings through observations and other measures. These include, but are not limited to:

9. See with functional vision, with or without corrective eyewear.
10. Hear with functional hearing, with or without assistive devices.
11. Detect differences in object shape and appearance.
12. Visually discriminate changes in color shade or gradation.
13. Assess and monitor patients using visual, auditory, and tactile stimuli.

Communication

The student utilizes effective communication skills and techniques with Program faculty, peers, and other healthcare providers. This includes, but is not limited to:

14. Read, write, and understand English at a competency level necessary to carry out the essential functions of assigned duties.
15. Interpret and process information from varied sources effectively.
16. Communicate effectively and efficiently with others within the assigned setting.
17. Recognize, interpret, and respond to nonverbal communication of self and others.

Behavioral/Social

The student interacts appropriately and accordingly with diverse populations, including people of all ages, genders, races, ethnicities, socioeconomic statuses, and medical or mental health conditions, in both normal and abnormal situations. This includes, but is not limited to:

18. Interact with single or multiple patients and/or colleagues simultaneously.
19. Interact and coordinate with peers, faculty, healthcare providers, patients, and others in an effective, professional, and respectful manner.
20. Adapt to expected or unexpected situational and environmental changes.
21. Possess emotional stability to function effectively under stressful or emergent situations.
22. Exhibit professionalism, including integrity, compassion, empathy, altruism, responsibility, tolerance, and social consciousness.
23. Recognize personal limitations in knowledge, skills, and abilities and seek appropriate assistance as needed.

Intellectual/Critical Thinking

The student possesses sufficient capabilities in the areas of reasoning, calculation, problem solving, prioritization, and judgment to process information in an appropriate time frame. This includes, but is not limited to:

24. Collect, interpret, and analyze written, verbal, and visual data.
25. Integrate and apply qualitative and quantitative information to solve problems.
26. Prioritize tasks and make decisions in a prompt and timely fashion.
27. Act safely and ethically in classroom and clinical settings.

Note: certain medical conditions and circumstances can create a safety risk in the MR environment. Examples include (but are not limited to): implanted, on-planted, or retained medical devices (e.g., pacemakers, clips, cochlear implants, medication pumps, stimulators, wires); non-removable metallic or ferromagnetic objects and materials; and metal fragments in the eye/orb. Any MRI Program applicant who has an implanted or on-planted medical device or a non-removable metallic or ferromagnetic foreign body must contact program faculty for clearance into the program. Please review the MRI Safety policy in the MRI Program Handbook for more information.