MAGNETIC RESONANCE IMAGING (MRI) (MRIP)

Prepare for an MRI technologist career with hands-on training

Do you have a keen eye for detail and a passion for patient care? Can you stay calm, focused, and organized in high-pressure environments? As an magnetic resonance imaging (MRI) technologist, you'll play a vital role in patient safety and comfort while using advanced technology to produce highly detailed images of the human body. If you're ready for a rewarding career that blends compassion, precision, and cutting-edge imaging, MRI may be the path for you.

This post-graduate concentrated program provides the technical skills for you to excel in this field, backed up by a full-time clinical placement at an affiliated hospital site. Simulation and scenario labs are used to demonstrate and perform MRI procedures, venipuncture insertion, intravenous therapy, and emergency procedures. Upon successful completion of the program, you will be eligible to write the Canadian Association of Medical Radiation Technologist's entry-to-practice certification exam in magnetic resonance imaging.

The last semester of the program, regardless of if you're studying part- or full-time, is a clinical placement which will require you to train at a hospital for four months on a full-time basis. You must complete this full-time placement to graduate.

Program highlights

- Limited enrolment
- One of only three college programs in Ontario –#and the only program in northern Ontario
- Full-time clinical placement in an accredited hospital in Canada in the final semester of the program (you'll get to experience integrated MRI simulations and condensed in-person labs prior to your clinical placement)
- Grads are eligible to write the national licensing exam set by Canadian Association of Medical Radiation Technology (CAMRT)
- Accredited by Accreditation Canada
- The executive model (https://cambriancollege.ca/program-delivery/#executive-model) form of delivery includes asynchronous coursework with short residential components at various points throughout the program (in person and occasional weekends)
- Most of the theory content for the program will be delivered online (you'll only be required to be on campus in person mid-semester and during the end of the semester for labs and practical testing)
- All theory exams must be completed at an invigilated test centre. It's free to write at a Cambrian College test centre. If you choose to write elsewhere, you'll be responsible for setting up your tests and the payment of any associated fees.

Program of study for 2027-28 Academic Year

Semester 1		**Credits**
MRI 1000	Abd/Thorax/Pelvis/MSK	3
MRI 1002	MRI Techniques & Clinical Applications	4
MRI 1004	Physical Properties/Principles MRI	4
MRI 1012	Head/Neck/Spinal Column/MSK	3
MRI 1015	MRI Procedures	3
MRI 1019	MRI Patient Care and Safety	3
MRI 1021	MRI Pathology	3
MRI 1025	MRI Clinical Skills Lab	3
	Credits	**26**
Semester 2		
MRI 1007	Comprehensive Review	3
MRI 1014	MRI Clinical Practicum	14
	Credits	**17**
	Total Credits	**43**

Admission requirements

- Applicants must posses one of the following qualifications to be eligible for an offer to the MRI program:
  - Graduation from an accredited and relevant diploma or degree program such as Medical Radiation Imaging Sciences, Medical Radiation Technology, Nuclear Medicine, Radiation Therapy, and Diagnostic Medical Sonography/Ultrasound programs.
  - Active registration as a regulated health professional in Ontario and a minimum of 6cr human anatomy/physiology courses and 6cr medical physics on academic transcript.
- Applicants with a Bachelor's or Master's degree in a Health-related field *with a minimum of 6cr human anatomy/physiology and 6cr of medical physics on their academic transcript*, but who have not practiced in patient care, or who are not working as regulated health professionals could be eligible for a conditional offer to the MRI program. Degrees considered will include, but are not limited to:
  - BSc, BA Kinesiology
  - BSc Biomedical biology
  - BSc Biomedical Physics
  - Bachelor Health Sciences or Bachelor Applied Health Sciences
  - Bachelor of Medical Radiation Sciences
  - BSc Nursing
  - MSc OT or MSc PT
- Applicants that receive a conditional offer must take courses over the summer to remove the conditions on their offer. Depending on the applicant's background, they may be required to successfully complete a Clinical Skills course (2cr) and/or a Professional Practice course (2cr).

Additional admission requirements

- Completion of the MRI Application Screening Form
- Current Cardiac Life Support Certificate Health Care Provider (HCP) Level (must be current for entire program)
- Current Standard First Aid Certificate (must be valid for entire program)
- Respiratory Mask Fit testing (for N-95 mask)
- Criminal record check with vulnerable sector screening
- WHMIS certification
- AODA certificate
- Health and Safety Awareness training

Proof of immunization status at registration for the following:

- Immunizations: measles, mumps, rubella, varicella, polio, hepatitis B
- Current tetanus – diphtheria – pertussis vaccination
- COVID-19 immunizations
- Two-step TB test
- Current influenza immunization (when available for season)
- Hepatitis A vaccination is recommended but not required

Program delivery

2027-2028
Fall term start

SEMESTER 1: Fall 2027
SEMESTER 2: Winter 2028

Accreditation

The MRI program is accredited by Accreditation Canada (https://accreditation.ca/assessment-programs/health-education-accreditation/).

Registration to practice / additional testing

Upon successful completion of the program, graduates will have met the competencies in the National Competency Profiles established under CAMRT and are eligible to write the CAMRT, MRI certification examination. CAMRT is the professional certification body that develops, maintains, and delivers the MRI examination for Canada. CAMRT provides professional services and liability coverage to Canadian MRI Technologists. Graduates are also eligible to write the American Registry of Radiologic Technologist (ARRT) MRI examination.

The College of Medical Radiation and Imaging Technologists of Ontario (CMRITO (https://www.cmrito.org)) is responsible for regulating MRI technologists in Ontario. CMRITO recognizes Cambrian College of Applied Arts and Technology, MRIP, as an approved program. Upon successful write of the CAMRT exam, graduates are able to register with the CMRITO and obtain their license to work in Ontario.

Specific program pathways

College or university degree opportunities

If you are a graduate of this program, you may continue your studies at a college or university and you may receive credit(s) for your prior college education. Refer to Cambrian's college and university agreement (https://cambriancollege.ca/supports-services/articulation-agreements/universities-in-canada/) details for further information.

Employment opportunities

Graduates are prepared for employment opportunities in:

- Hospitals
- Medical clinics
- Private industry
- Education
- Sales

Contacts

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INTERNATIONAL ADMISSIONS

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