



Overview

Diagnostic imaging is a critical part of health care. X-rays and CT scans are two of the most used methods for diagnosing trauma and disease.

The Medical Radiation Technologist (MRT) profession is an interesting combination of working with high-level technology while caring for diverse patients to achieve high quality images. Are you up to the task?

Confederation College can teach you these skills in our Medical Radiation Technology 2½ year Advanced Diploma program. You'll learn x-ray and CT equipment operation, proper radiation safety, patient management, human anatomy and pathology, while using critical thinking skills to properly position patients and evaluate image quality, all in a professional environment. Plus, you'll enjoy small class sizes with individualized attention, as well as regular access to the classroom and lab.



Top Highlights

- Program is accredited by Accreditation Canada
- Graduates are eligible to write the Canadian Association of Medical Radiation Technologists (CAMRT) certification exam to become registered and practice in Canada
- Three semesters of clinical rotations are available in northwestern Ontario and Windsor hospitals so you get the hands-on experience you need
- Students will become competent in intravenous (IV) insertion beginning with practice on simulation manikins before moving to live practice



Learner Testimonial

The MRT program is hands-on and engaging, and is challenging but truly rewarding. My instructors were remarkable individuals who guided and assisted me towards my educational and career goals. Our classrooms were clean and inviting, with all types of equipment and accessories. The program provided me with valuable knowledge and skills needed to succeed in my future career. I have also gained more confidence in my knowledge, skills, and judgement through clinical placements. New windows have opened up for me with this program and I will forever cherish the memories I've made.

Arianna K. / Alumna / 2019

Medical Radiation Technology

Admission Requirements

- Ontario Secondary School Diploma (or equivalent) with courses from the College (C), University (U), University/College (U/C), or Open (O) preparation levels with Grade 12 English (C/U) Level.
- or successful completion of the Mature Student Assessment.
- or successful completion of the General Education Development Test (GED).
- or appropriate credits from the Academic and Career Entrance program (ACE).

Additional Required Courses

- Grade 12 Math (College or University Preparation) &
- Grade 11 or 12 Physics (College or University Preparation) &
- Grade 11 or 12 Biology OR Chemistry (College or University Preparation)

Minimum final grade of 75% in each required course

- If you are currently enrolled in a required course, you must have a midterm and final mark of 75% or higher to qualify for selection/admission.

Program Requirements

- Completion of MRT - Program Choice Questionnaire
- Two reference letters

Alternative Pathways

If you do not possess the necessary admission requirements (or equivalency), we encourage you to consider our Pre-Health Sciences-Pathway to Advanced Diplomas and Degrees program which will provide you with the necessary preparation to apply to this program. Completion of the Pre-Health Sciences-Pathway to Advanced Diplomas and Degrees program does not guarantee admission to the Medical Radiation Technology Program in a subsequent year.

Employment Opportunities

After graduation and affiliation with a professional organization such as the College of Medical Radiation Technologists of Ontario, MRTs go on to positions in diagnostic imaging departments in hospitals, clinics, and other medical settings. Careers in digital imaging management, sales and service are also possible.

Articulation Agreements

Confederation College has agreements in place that permit credits earned throughout this program to be transferred to programs at other colleges and universities.

Visit: confederationcollege.ca/articulation-agreements for more information.

Notes:

- Students must have a clear Police Records Check for Vulnerable Sectors, up-to-date immunizations, hold a valid First Aid with CPR at CHCP or BLS levels and have an N95 mask fit test prior to the first Clinical Rotation in Fourth Semester.

First Semester

AB 113 Anatomy & Physiology I
CS 050 College Writing
RA 111 Patient Management
RA 113 General Radiography I
RA 115 Radiographic Equipment Operation I
RA 117 Clinical Lab I
RA 119 Radiographic Anatomy & Pathology I
SY 066 Sociology of Community:
The Indigenous Context

Second Semester

AB 214 Anatomy & Physiology II
RA 208 Professional Practice/IPE
RA 209 Radiographic Anatomy & Pathology II
RA 211 General Radiography II
RA 213 Radiographic Equipment Operation II
RA 215 Radiation Safety
RA 217 Clinical Lab II
RA 219 Radiographic Procedures

Third Semester

CS 224 Introduction to Research Methods
PY 169 Interpersonal Communications Skills
RA 311 Adaptive Imaging
RA 313 Radiographic Equipment Operation III
RA 314 Quality Management
RA 315 Cross Sect Anatomy/Pathology
RA 317 Clinical Lab III
RA 319 Computed Tomography (CT)

Fourth Semester

RA 410 Clinical Rotation I
GE General Elective
RA 412 Research Study or RA 417 Research Application

Fifth Semester

RA 510 Clinical Rotation II

Sixth Semester

RA 608 Comprehensive Exam
RA 610 Clinical Rotation III
RA 618 Exam Review

For information, please contact:

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Program Coordinator

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