



CREENTIAL	PROGRAM CODE	AREA OF INTEREST	LOCATION	DURATION
Ontario College Advanced Diploma	Fall: 0602	Health	Thunder Bay	2.5 -year

**Overview**

Diagnostic imaging is more complex today than ever. In radiology alone, X-rays are digital and CT scans are one of the most used methods for diagnosing trauma and disease including cancer.

Medical Radiation Technologists (MRTs) are essential to healthcare, not just working with the technology but also working with patients to put them at ease and ensuring the sharpest possible images. Are you up to the task?

Confederation College can teach you how in our Medical Radiation Technology advanced diploma program. You'll learn the basics of radiography including x-ray, fluoroscopy and CT in courses such as general radiography, patient management, radiation safety, quality management, computed tomography (CT) and research methods.



**Top Highlights**

- Program is accredited by Accreditation Canada
- Students learn how to conduct research as part of the program
- Several clinical rotations available in the field so you get the hands-on experience you need
- Students will become competent in IV insertion and could earn an Enhanced Practice Certificate in Intravenous (IV) Contrast Injection from the Ontario Association of Medical Radiation Sciences (OAMRS)



**Employment Opportunities**

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



**Experiential Learning**

Labs, Placement



**Nancy Hodder, BSc, RTR, MRT(R)**  
**Program Coordinator**

(807) 475-6669  
nancy.hodder@confederationcollege.ca



# 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

**We are only able to consider applications from permanent residents of Canada.**

## 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.

## 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](http://confederationcollege.ca/articulation-agreements) for more information.

## Note:

Graduates must pass an entry-to-practice exam through the Canadian Association of Medical Radiation Technology in order to practice in Canada.

## 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  
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 (Spring)

GE General Elective  
RA 410 Clinical Rotation I  
RA 412 Research Study

## Fifth Semester

RA 510 Clinical Rotation II

## Sixth Semester

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



**Have questions? Want to apply?**  
Contact [recruitment@confederationcollege.ca](mailto:recruitment@confederationcollege.ca)

