



CREENTIAL	PROGRAM CODE	AREA OF INTEREST	LOCATION	DURATION
Ontario College Certificate	Fall: O603	Health	Dryden, Fort Frances, Greenstone Campus, Kenora, Marathon, Red Lake, Sioux Lookout, Thunder Bay	1 -year

Overview

Launch Your Career in Medical Laboratory Science

Embark on a rewarding healthcare career with Confederation College's Medical Laboratory Assistant program. This comprehensive one-year certificate program equips you with the knowledge, skills, and hands-on experience needed to excel in a laboratory setting. Learn to collect blood samples, conduct laboratory tests, and assist healthcare professionals in vital diagnostic procedures.

Our program emphasizes practical skills development alongside crucial theoretical knowledge. You'll master techniques for sample collection, laboratory test preparation, and various technical procedures including ECG and Holter Monitor positioning. The curriculum blends in-class learning with hands-on experience, covering essential topics such as professional practice, microbiology, and sociology to provide a well-rounded understanding of the field.



Top Highlights

- **Comprehensive Skill Set:** Develop a wide range of laboratory skills applicable across various healthcare settings.
- **Hands-On Experience:** Benefit from a work placement during the second semester for real-world practice.
- **Certification Ready:** Graduate prepared to write two important certification exams in the field.
- **Career Versatility:** Gain skills applicable to hospitals, clinics, research labs, and diagnostic companies.
- **State-of-the-Art Facilities:** Train in modern laboratories equipped with industry-standard technology



Employment Opportunities

Graduates of the Medical Laboratory Assistant program are prepared for diverse roles, including: Laboratory Technician, Phlebotomist, Clinical Assistant, Research Laboratory Assistant, Diagnostic Supply Specialist



Ideal Candidate

- Detail-Oriented, Strong Communicator, Technologically Adept, Ethical and Responsible, Team Player



Experiential Learning

Labs, Placement



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Medical Laboratory Assistant

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).

Other Courses Required

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

Alternative Pathways

If you do not possess the necessary admission requirements (or equivalency), we encourage you to consider our Pre-Health Sciences-Pathway to Certificates and Diplomas program which will provide the necessary preparation to apply to this program. Completion of the Pre-Health Sciences-Pathway to Certificates and Diplomas program does not guarantee admission to the Medical Laboratory Assistant 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 for more information.

First Semester

CS 050 College Writing
ML 101 Laboratory Science & Techniques
ML 103 Specimen Procurement and Handling
ML 105 Professional Practice
PW 130 Anatomy & Physiology
SY 066 Sociology of Community:
The Indigenous Context

Second Semester

ML 210 Clinical Chemistry
ML 230 Hematology and Transfusion Medicine
ML 250 Microbiology
ML 270 Histotechnology and Cytology
ML 280 MLA Skills Integration Lab
ML 390 Field Placement1

Notes:

ML 280 MLA Skills Integration Lab is 6 hours in total (2-3 hour labs per week).

ML 390 Field Placement is 150 hours. This field placement takes place at the END of semester two for 8 additional weeks. You will be required to complete one of the two four week blocks.

Some students will have to go out of town for field placements. Students are responsible for all costs associated with out of town placements. Students are responsible for finding and making all of their arrangements for transportation, accommodation, etc.



Have questions? Want to apply?
Contact recruitment@confederationcollege.ca

