



MICs Group of Health Services

Matheson – Iroquois Falls – Cochrane

Equal Opportunity Employer

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Considering a Career in Health Care? There are plenty to choose from!

Medical Laboratory Technologist (MLT) (www.cmlto.com)

In medicine, the majority of decisions about diagnosis and treatment are based on laboratory test results. This is why the MLTs who provide these results and ensure their accuracy play such an important role in the health care system.

Medical laboratory technologists (MLTs) play a **critical role in the health system** by performing lab tests on blood, body fluids, cells and tissues – nearly half a million in Ontario each day. A blood sugar test to diagnose and monitor diabetes...a biopsy to check for cancer...prenatal testing to detect genetic diseases...enzyme analysis to identify heart disease...assessment of cells and tissues to aid surgical decisions - these and thousands of other tests performed by MLTs provide the results other health professionals need to deliver the best care.

MLTs in various specialties collect and process specimens, analyze results, and interpret findings. The **knowledge and expertise of the MLT contributes to innovation in the prevention, diagnosis and treatment of diseases** and medical conditions.

Education Requirements:

An Ontario Secondary School Diploma (30 credits) or equivalent or mature student status (with a minimum of 70% in all prerequisite courses).

Graduates of recognized Medical Laboratory Assistant programs may be eligible for advanced standing into the second semester of the program, provided there is space and clinical opportunities are available.

In Ontario, this program is offered:

- Cambrian College of Applied Arts and Technology, Sudbury
- St. Clair College of Applied Arts and Technology, Windsor
- St. Lawrence College, Kingston
- The Michener Institute for Applied Health Sciences, Toronto
- University of Ontario Institute of Technology, Oshawa

For a complete Canada-wide listing, visit <https://accreditation.ca/assessment-programs/health-education-accreditation/programs/>

Employment Opportunities – While many MLTs work in hospitals, physicians' offices, and private laboratories, MLTs also find challenging employment in other areas. From industrial research and public health laboratories to forensic and pharmaceutical laboratories, the MLT's analytical, scientific and technical skills are a valuable asset. Medical Laboratory Technologists are the fourth largest group of health care professionals in Ontario, and their career outlook is very positive due to a national shortage of MLTs.