

# Two great career opportunities

## MEDICAL TECHNOLOGIST (MT):

*national average salary: \$53,280*



Medical Technologists have the opportunity to work in clinical laboratory disciplines including chemistry, hematology, immunology and even microbiology. The information gathered and provided by the MT

helps a doctor decide what medical treatment a patient will receive. Duties and responsibilities include:

- ▶ *Performing a full range of laboratory tests*
- ▶ *Confirming the accuracy of test results*
- ▶ *Reporting findings to a pathologist and other physicians*

## MEDICAL LAB TECHNICIAN (MLT):

*national average salary: \$39,723*

Working under the supervision of an MT, a Medical Lab Technician (MLT) is a skilled individual whose duties and responsibilities include:



- ▶ *Performing tests accurately and efficiently in all areas of the clinical laboratory*
- ▶ *Operating high-tech laboratory equipment*
- ▶ *Searching for the basic clues to assist in the diagnosis of disease*

## Lab Sciences Career Pathways

### HEALTHCARE PARTNERS

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- ▶ Buffalo & Erie County Workforce Investment Board, Inc.
- ▶ Canisius College
- ▶ Catholic Health
- ▶ Educational Opportunity Center
- ▶ Erie County Medical Center
- ▶ Erie Community College
- ▶ Kaleida Health
- ▶ Roswell Park Cancer Institute
- ▶ University at Buffalo

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# Lab Sciences Career Pathways

Medical Technologist (MT)  
Medical Lab Technician (MLT)



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Stay here. Go far. Careers in Life Sciences.

## Where do MTs & MLTs work?

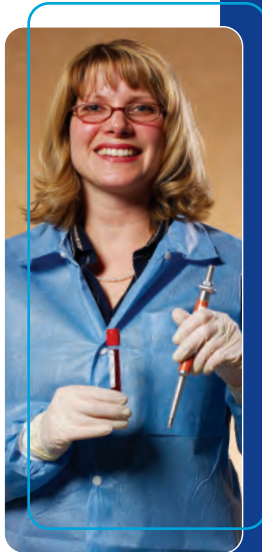
Both Medical Technologists and Medical Laboratory Technicians are in demand at a variety of health care and corporate settings. These include:

- ▶ Hospitals
- ▶ Independent Laboratories
- ▶ Clinics
- ▶ Public Health Facilities
- ▶ Biotechnology Companies
- ▶ Molecular Diagnostic Companies
- ▶ Vitro Fertilization Laboratories
- ▶ Research Laboratories



*"I began my career as a Lab Technician in the military. After the military, I earned a dual Bachelor's Degree in Biology and Medical Technology, and began working at Sister's Hospital. My job there is to test patient samples and deliver the results to the doctors. I love the fact that I can use my medical and biology background to help people."*

**Jennifer**  
Medical Technologist  
Sister's Core Laboratory  
Catholic Health  
Buffalo



## Educational Preparation for a career as an MT or MLT

Both career pathways require a solid foundation in high school sciences — biology, chemistry, math and computer science. Each also has its own specific requirements and opportunities for advancement. Both careers require licensure in New York State.

### Medical Technologist (MT) Minimum Education Requirements

- ▶ You'll need a Baccalaureate Degree in Medical Technology/ Clinical Laboratory Science AND an NAACLS accredited clinical education component. (NAACLS stands for National Accrediting Agency for Clinical Laboratory Sciences.)
- ▶ While attending school, you can work part time in a laboratory to earn extra money and then begin full-time work upon graduation.

### Medical Lab Technician (MLT) Minimum Education Requirements

- ▶ You'll need a combination of an Associate Degree and clinical education in a Medical Laboratory Technician program accredited by the NAACLS.
- ▶ If you go on to earn a Baccalaureate Degree and/or have the appropriate experience, you can advance to the Medical Technologist (MT) level.

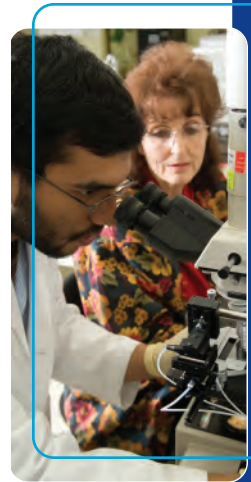


Here's where to find more information on scholarships, tuition assistance, and a career as an **MT or MLT**

### Medical Technologist Programs

#### CANISIUS COLLEGE Clinical Laboratory Science Program

2001 Main Street  
Buffalo, NY 14208  
ph: 716/888-2346  
schwartz@canisius.edu  
www.canisius.edu



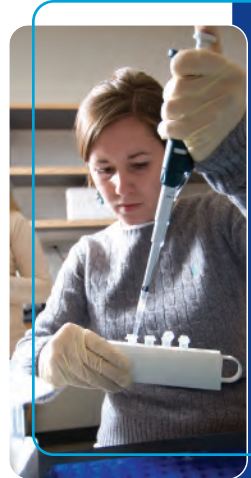
#### UNIVERSITY AT BUFFALO Department of Biotechnical & Clinical Lab Sciences

Cary Hall, Room 107  
Buffalo, NY 14214-3000  
ph: 716/829-5182  
bcls-advisor@buffalo.edu  
www.smbuffalo.edu/clsc/

### Medical Laboratory Technician Programs

#### ERIE COMMUNITY COLLEGE Health Science Division

6205 Main Street  
Williamsville, NY 14221  
ph: 716/851-1553  
bermel@ecc.edu  
www.ecc.edu



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