

Medical Laboratory Assisting and Phlebotomy

The hidden health profession that saves and enhances lives



Explore laboratory science careers while learning basic laboratory skills and preparing for work in the medical field. Complete coursework necessary to earn certification as a Phlebotomy Technician and a Certified Medical Laboratory Assistant.

Please Note: To participate in required clinical hours, NYS Health Industry vaccine requirements apply including COVID-19.



Units of Study

- Medical Terminology
- Orientation and Safety
- Basic Laboratory Skills
- Introduction to Health Occupations
- The Clinical Lab and its Employees
- Communication and Leadership
- Legal and Ethical
- Regulations/Organizations in Medical Lab
- Phlebotomy, Infection Control and Cardio
- Special Collections for Phlebotomists
- Hematological Testing
- Immunology and Blood Banking
- Anatomy and Physiology
- Financial Literacy
- Career Connections
- Microbiology
- Urinalysis and Clinical Chemistry
- Practice Medical Laboratory
- Laboratory Assistant's Clerical Role
- First Aid/CPR
- Genetics and Genetic Testing
- Clinical Laboratory Exam Review
- Work-Based Learning Shadowing/ Internship

Available Academic Credits

- English
- Science
- Health

Work-Based Learning

CTE programs bring students into the workplace for real life experiences. Businesses that supports our Phlebotomy and Laboratory Science program:

- ACM
- Catholic Health
- CSL Plasma
- Kodak
- Lidestri
- Litron
- Monroe Veterinary Associates
- Ortho Clinical
- Red Cross
- RED Rochester
- RIT
- Rochester Regional Health
- Unither
- URMC
- Vasinex
- Xerox
- Zweigles

College Credits

MCC Dual Enrollment:

- CLT 100: Intro to Med Lab Technology
- CLT 110: Specimen Procurement and Processing
- HED 130: Foundations of Health & Wellness

Nazareth College Dual Enrollment:

- MTH 208: Statistics for Scientists

Articulation Agreements

- Monroe Community College
- Nazareth College

Career Paths

All CTE programs correlate to many career paths.

↓ Start Here

- Phlebotomist
- Specimen Processor

Go Here ↓

with more education & experience

- Clinical Laboratory Technician
- Clinical Laboratory Scientist
- Pathologist Assistant

Explore more:

- <https://www.careerzone.ny.gov/>
- <https://www.onetonline.org/find/>



WEMOCO Career & Technical Education Center
Monroe 2-Orleans Board of Cooperative Educational Services
Monroe2BOCES.org/cte 585-352-2471
3589 Big Ridge Road, Spencerport, New York 14559

