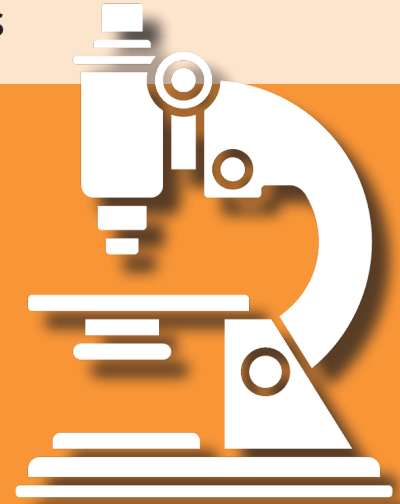


# MEDICAL LABORATORY ASSISTING AND PHLEBOTOMY

Unlock lab mysteries and find the bloodline to success

Put on your lab coat to enter the medical laboratory world. Immerse yourself in laboratory science, mastering microbiology, immunology, physiology and anatomy. Learn the language of health professionals as you navigate the clinical landscape. Glove up to prioritize safety and learn lab operation skills. Gather vital medical information from real patients as you perform blood draws.



## What You Can LEARN

### Units of Study

- Medical Terminology
- Orientation and Safety
- Basic Laboratory Skills
- Introduction to Health Occ.
- Clinical Lab and its Employees
- Communication and Leadership
- Legal and Ethical
- Regs/Orgs in Medical Lab
- Phlebotomy, Infection Control and Cardio
- Phlebotomist Spec. Collections
- Hematological Testing
- Immunology and Blood Banking
- Anatomy and Physiology
- Financial Literacy
- Career Connections
- Microbiology
- Urinalysis and Clinical Chemistry
- Practice Medical Laboratory
- Lab Assistant's Clerical Role
- First Aid/CPR
- Genetics and Genetic Testing
- Clinical Laboratory Exam Review
- Shadowing/Internship



## What You Can EARN

### Available High School Academic Credits

*At district request, students may earn:*

- English
- Science
- Health

### Licensing/Industry-Based Certifications

*Students have opportunities to earn:*

- Registered Phlebotomy Tech
- Red Cross First Aid/CPR/AED
- Certified Medical Laboratory Assistant (CMLA)

### Work-Based Learning

*Organizations that support this program:*

- ACM
- CSL Plasma
- Lidestri
- Monroe Veterinary Associates
- Red Cross
- RIT
- Rochester Regional Health
- URMC
- Catholic Health



## Where You Can GO

### Career Opportunities

Minimal Requirement Beyond CTE

- Phlebotomist
- Specimen Processor

Additional Education and/or Experience

- Clinical Laboratory Technician
- Clinical Laboratory Scientist
- Pathologist Assistant
- Histotechnician

### Postsecondary Pathways

Articulation Agreements

- Monroe Community College
- Nazareth College
- SUNY Cobleskill

Dual Enrollment

- Monroe Community College
  - Foundations of Personal Health and Wellness (HED130)
  - Intro to Med Lab Tech (CLT100)
  - Specimen Procurement and Processing (CLT110)
- Monroe Community College
  - Statistics for Scientists (MTH208)

Now You Can **KNOW**

According to the Bureau of Labor Statistics, employment of phlebotomists is projected to grow 23% from 2018 to 2028.