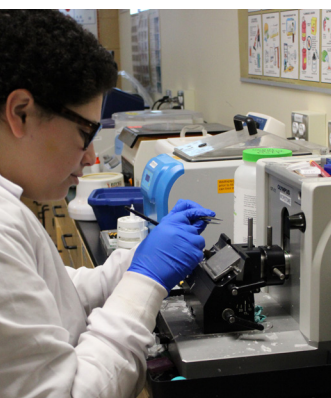
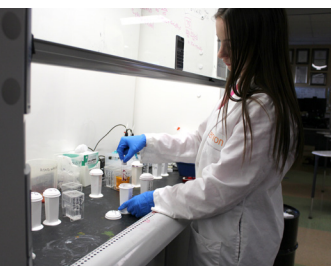
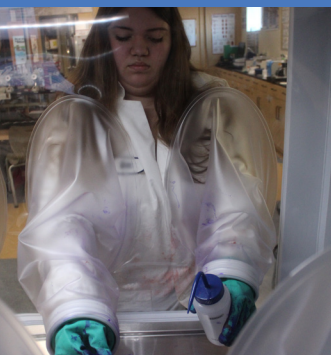


MEDICAL LABORATORY ASSISTING AND PHLEBOTOMY

Unlock lab mysteries and find the bloodline to success

Students will develop skills essential for supporting patient care and healthcare diagnostics. Students gain hands-on experience in microbiology, immunology, anatomy and physiology while learning the specialized terminology used by healthcare professionals. Emphasis is placed on laboratory safety, quality procedures and the operation of clinical laboratory equipment. Through practical training, students learn to collect and analyze vital medical information, including performing venipuncture (blood draws), preparing them for future education and careers in the healthcare field.



What You Can LEARN

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
- Phlebotomist Special Collections
- Hematological Testing
- Immunology and Blood Banking
- Anatomy and Physiology
- Financial Literacy
- Microbiology
- Histology
- Urinalysis and Clinical Chemistry
- Practice Medical Laboratory
- Laboratory Assistant's Clerical Role
- First Aid/CPR
- Genetics and Genetic Testing
- Exam Review Prep
- Shadowing/Internships



What You Can EARN

Available High School Academic Credits

At district request, students may earn:

- English
- Science
- Health

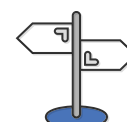
Licensing/Industry-Based Certifications

Students have opportunities to earn:

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

Work-Based Learning

- Educational Tours
- Guest Speakers
- Career Fair
- Co-op
- Job Shadow



Where You Can GO

Career Opportunities

Minimal Requirement Beyond CTE

- Phlebotomist
- Specimen Processor/Medical Laboratory Assistant

Additional Education and/or Experience

- Medical Laboratory Technician
- Pathologist Assistant
- Histotechnologist/Scientist of Histotechnology
- Genetic Counselor
- Cytologist

Postsecondary Pathways

Dual Enrollment

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

Articulation Agreements

- Monroe Community College
- Erie Community College
- University at Buffalo
- Broome Community College
- Nazareth University
- SUNY Cobleskill

Now You Can **KNOW**

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



Monroe 2-Orleans BOCES Career and Technical Education

WEMOCO Career and Technical Education Center

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