

Industry Credentials, Concentration Sequences, and Career Clusters

Medical Laboratory Technology I (8377)

Industry Credentials:

These apply only to 36-week courses.

- Certified Phlebotomy Technician (CPT) Examination (AAH)
- Certified Phlebotomy Technician (CPT) Examination (NHA)
- College and Work Readiness Assessment (CWRA+)
- National Career Readiness Certificate Assessment
- National Certified Phlebotomy Technician (NCPT) Examination
- Nationally Registered Certified Phlebotomy Technician (NRCPT) Examination
- Phlebotomy Technician Certification (PTC) Examination
- Workplace Readiness Skills for the Commonwealth Examination

Concentration Sequences:

*A combination of this course and those below, equivalent to two 36-week courses, is a **concentration sequence**. A **program completer** is a student who has met the requirements for a CTE concentration sequence and all other requirements for high school graduation or an approved alternative education program. Students wishing to complete a specialization may take additional courses based on their career pathways.*

- Biomedical Technician (8347/36 weeks)
- Biotechnology Foundations in Agricultural and Environmental Science (8085/36 weeks)
- Biotechnology Foundations in Health and Medical Sciences (8344/36 weeks)
- Biotechnology Foundations in Technology Education (8468/36 weeks)
- Introduction to Health and Medical Sciences (8302/36 weeks)
- Introduction to Health and Medical Sciences (8301/18 weeks)
- Medical Laboratory Technology II (8378/36 weeks)
- Medical Terminology (8383/36 weeks)
- Medical Terminology (8384/18 weeks)

Career Clusters, Career Pathways, and Occupations:

- Health Science
 - Biotechnology Research and Development
 - Research Assistant
 - Diagnostics Services
 - Cardiovascular Technologist

- Medical, Clinical Laboratory Technician
 - Phlebotomist
 - Radiologic Technologist, Radiographer
- Health Informatics
 - Epidemiologist
 - Medical Assistant
- Therapeutic Services
 - Pharmacy Technician
- Science, Technology, Engineering and Mathematics
 - Science and Mathematics
 - Bioinformatics Technician