

Industry Credentials, Concentration Sequences, and Career Clusters

Forensic Technology (8409)

Industry Credentials:

These apply only to 36-week courses.

- College and Work Readiness Assessment (CWRA+)
- 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.*

- 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)
- Criminal Justice I (8702/36 weeks, 140 hours)

Career Clusters, Career Pathways, and Occupations:

- Health Science
 - Biotechnology Research and Development
 - Biochemist
 - Cell Biologist
 - Medical, Clinical Laboratory Technician
 - Research Assistant
- Law, Public Safety, Corrections and Security
 - Emergency and Fire Management Services
 - Fire Investigator
 - Hazardous Materials Removal Worker
 - Law Enforcement Services
 - Forensic Science Technician
 - Police Officer
- Science, Technology, Engineering and Mathematics
 - Engineering and Technology
 - Biomedical Engineer
 - Chemical Engineer
 - Environmental Engineer

- Quality Engineer
- Quality Technician
- Statistician
- Systems Analyst
- Science and Mathematics
 - Bioinformatics Technician
 - Biologist
 - Chemist
 - Environmental Scientist
 - Materials Scientist
 - Microbiologists
 - Research Chemist
 - Secondary School Teacher
 - Toxicologist