

# 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+)
- National Career Readiness Certificate Assessment
- 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
- Biotechnology Foundations in Health and Medical Sciences
- Biotechnology Foundations in Technology Education
- Criminal Justice I

### 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
    - Microbiologist
    - Research Chemist
    - Secondary School Teacher
    - Toxicologist