

# Industry Credentials, Concentration Sequences, and Career Clusters

## Human Body Systems (8380)

### Industry Credentials:

*These apply only to 36-week courses.*

- College and Work Readiness Assessment (CWRA+)
- National Career Readiness Certificate Assessment
- Project Lead the Way End-of-Course Assessments
- 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.*

- Principles of the Biomedical Sciences (PLTW) (8379/36 weeks)

### Career Clusters, Career Pathways, and Occupations:

- Health Science
  - Biotechnology Research and Development
    - Biochemist
    - Cell Biologist
    - Medical, Clinical Laboratory Technician
    - Research Assistant
  - Diagnostics Services
    - Cardiovascular Technologist
    - Computer Tomography (CT) Technologist
    - Medical, Clinical Laboratory Technician
    - Medical, Clinical Laboratory Technologist
    - Nuclear Medicine Technologist
    - Phlebotomist
    - Radiologic Technologist, Radiographer
    - Radiologist
  - Therapeutic Services
    - Athletic Trainer

- Audiologist
  - Certified Nurse Aide
  - Optician
  - Physical Therapist
  - Surgical Technologist
- Science, Technology, Engineering and Mathematics
  - Engineering and Technology
    - Biomedical Engineer
  - Science and Mathematics
    - Biologist
    - Chemist
    - Toxicologist