

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