

Industry Credentials, Concentration Sequences, and Career Clusters

Medical Interventions (8381)

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.*

- Biomedical Innovation (PLTW) (8382/36 weeks)
- 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
 - Health Informatics

- Bioinformatics Technician
 - Epidemiologist
 - Support Services
 - Communications Equipment Operator
 - Environmental Sampling and Analysis Technician
 - Medical, Clinical Laboratory Technologist
 - Therapeutic Services
 - Athletic Trainer
 - Audiologist
 - Certified Nurse Aide
 - Dental Assistant
 - Emergency Medical Technician, Paramedic
 - Exercise Physiologist
 - Home Health Aide
 - Licensed Practical Nurse
 - Massage Therapist
 - Medical Assistant
 - Occupational Therapist
 - Occupational Therapist Aide
 - Optician
 - Pharmacy Technician
 - Physical Therapist
 - Physical Therapist Assistant
 - Physician
 - Recreation Therapist
 - Registered Nurse
 - Surgical Technologist
 - Veterinary Assistant
 - Veterinary Technologist
- Human Services
 - Counseling and Mental Health Services
 - Career Counselor
 - Dietitian, Nutritionist
 - Educational/School Counselor
 - Marriage and Family Therapist
 - Mental Health Counselor
 - Nutritional Counselor
 - Rehabilitation Counselor
 - Social and Human Service Assistant
 - Substance Abuse and Behavioral Disorder Counselor
 - Volunteer Coordinator
- Science, Technology, Engineering and Mathematics
 - Engineering and Technology
 - Biomedical Engineer
 - Science and Mathematics
 - Animal Scientist

- Biologist
- Materials Scientist
- Microbiologists
- Toxicologist