

Industry Credentials, Concentration Sequences, and Career Clusters

Aerospace Technology I (8487)

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.*

- Aerospace Technology II (8488/36 weeks)
- Technology Foundations (8403/36 weeks)

Career Clusters, Career Pathways, and Occupations:

- Science, Technology, Engineering, and Mathematics
 - Engineering and Technology
 - Aeronautical Drafter
 - Aerospace Engineer
 - Aerospace Engineering Technician
 - Electro-Mechanical Technician
 - Electronics Engineering Technician
 - Engineer
 - Engineering Technician
 - Human Factors Engineer
 - Power Systems Engineer
 - Quality Engineer
- Transportation, Distribution, and Logistics
 - Facility and Mobile Equipment Maintenance
 - Aircraft Mechanic and Service Technician
 - Aircraft Structure, Surfaces, Rigging, and Systems Assembler
 - Transportation Operations

- Air Traffic Controller
 - Flight Engineer
 - Pilot
 - Transportation Manager
- Transportation Systems/Infrastructure Planning, Management and Regulation
 - Traffic Engineer
 - Traffic Technician
 - Transportation Manager