

Industry Credentials, Concentration Sequences, and Career Clusters

Construction Technology (8431 / 8432)

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.*

- Architectural Drawing and Design (8437/36 weeks)
- Entertainment Design and Technology (8489/36 weeks)
- Manufacturing Systems I (8425/36 weeks)
- Manufacturing Systems I (8426/18 weeks)
- Materials and Processes Technology (8433/36 weeks)
- Materials and Processes Technology (8478/18 weeks)
- Production Systems (8447/36 weeks)
- Production Systems (8446/18 weeks)

Career Clusters, Career Pathways, and Occupations:

- Architecture and Construction
 - Construction
 - Carpenter
 - Construction and Building Inspector
 - Construction Manager
 - Drywall Installer
 - Electrician
 - General Contractor
 - Mason
 - Project Manager
 - Roofer

- Design/Pre-Construction
 - Architect
 - Architectural Drafter
 - Building Code Inspector
 - Civil Engineer
 - Cost Estimator
 - Interior Designer
 - Landscape Architect
 - Survey Technician
 - Surveyor
- Maintenance and Operations
 - Carpenter
 - Construction and Building Inspector
 - Construction Manager
 - Electrician
 - General Contractor
 - Project Manager