

Industry Credentials, Concentration Sequences, and Career Clusters

Architectural Drawing and Design (8437, 8492)

Industry Credentials:

These apply only to 36-week courses.

- Architectural Apprentice Drafter Examination
- Architectural Certified Drafter Examination
- Architectural Drafting Assessment
- Architectural Drafting Examination
- Autodesk Certified Professional Examinations
- Autodesk Certified User Examinations
- 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.*

- Advanced Drawing and Design (8438/36 weeks)
- Construction Technology (8431/36 weeks)
- Construction Technology (8432/18 weeks)
- Digital Visualization (8459/36 weeks)
- Engineering Drawing and Design (8436/36 weeks)
- Engineering Drawing and Design (8493/18 weeks)
- Technical Drawing and Design (8434/18 weeks)
- Technical Drawing and Design (8435/36 weeks)
- Introduction to Engineering Design PLTW (8439/36 weeks)

Career Clusters, Career Pathways, and Occupations:

- **Architecture and Construction**
 - **Construction**
 - Cabinetmaker
 - Carpenter
 - Construction and Building Inspector
 - Construction Manager
 - Drywall Installer
 - Electrician
 - General Contractor
 - Mason
 - Plumber, Pipefitter
 - Project Manager
 - Roofer
 - Tile Installer
 - **Design/Pre-Construction**
 - Building Code Inspector
 - Civil Engineer
 - Cost Estimator
 - Electrical Engineering Technician
 - Interior Designer
 - Landscape Architect
 - Mechanical Drafter
 - Mechanical Engineer Surveyor
 - **Maintenance and Operations**
 - Cabinetmaker
 - Carpenter
 - Construction and Building Inspector
 - Electrician
 - Mason
 - Plumber, Pipefitter
 - Restoration Technician
 - Roofer
 - Tile Installer
- **Arts, Audio/Video Technology and Communications**
 - **Audio and Video Technology and Film**
 - Multimedia Artist, Animator
 - **Performing Arts**
 - Technical Director
 - **Visual Arts**
 - Interior Designer