

# 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