

Industry Credentials, Concentration Sequences, and Career Clusters

Advanced Drawing and Design (8438)

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
- Certified SOLIDWORKS Associate (CSWA) Examination
- College and Work Readiness Assessment (CWRA+)
- Mechanical Apprentice Drafter Examination
- Mechanical Certified Drafter Examination
- Mechanical Drafting and Design Assessment
- 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)
- Architectural Drawing and Design (8492/18 weeks)
- Digital Visualization (8459/36 weeks)
- Engineering Drawing and Design (8436/36 weeks)
- Engineering Drawing and Design (8493/18 weeks)

Career Clusters, Career Pathways, and Occupations:

- **Arts, Audio/Video Technology and Communications**

- Audio and Video Technology and Film
 - Graphic Designer
- Performing Arts
 - Costume Designer
 - Lighting Designer
- Visual Arts Costume Designer
 - Costume Designer
 - Fashion Designer
 - Graphic Designer
 - Illustrator Interior Designer
 - Textile Designer
- **Science, Technology, Engineering and Mathematics**
 - Engineering and Technology
 - Aeronautical Drafter
 - Architect
 - Commercial and Industrial Designer
 - Electrical Drafter
 - Electronic Drafter
 - Engineer
 - Engineering Technician
 - Landscape Architect
 - Mechanical Drafter
 - Pipeline Drafter