

Industry Credentials, Concentration Sequences, and Career Clusters

Entertainment Design and Technology (8489)

Industry Credentials:

These apply only to 36-week courses

- Technical Theatre 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.*

- Carpentry I
- Construction Technology
- Technical Drawing and Design (18 Weeks)
- Technical Drawing and Design (36 Weeks)
- Technology Foundations (18 Weeks)
- Technology Foundations (36 Weeks)

Career Clusters, Career Pathways, and Occupations:

- Architecture and Construction
 - Construction
 - Carpenter
 - Electrician
 - Project Manager
 - Design/Pre-Construction
 - Architectural Drafter
 - Electrical Engineering Technician
 - Interior Designer

- Arts, A/V Technology and Communications
 - Audio and Video Technology and Film
 - Audio and Video Equipment Technician
 - Audio-Video Designer, Engineer
 - Editor
 - Graphic Designer
 - Multimedia Artist, Animator
 - Producer
 - Sound Engineering Technician
 - Videographer
 - Journalism and Broadcasting
 - Art Director
 - Broadcast Technician
 - Editor
 - Program Director
 - Radio, TV Announcer
 - Radio, TV Reporter
 - Performing Arts
 - Cinematographer
 - Costume Designer
 - Lighting Designer
 - Technical Director
 - Video, Film Editor
 - Telecommunications
 - Computer Programmer
 - Network Systems and Data Communication Analyst
 - Telecommunications Equipment Installer, Repairer
 - Visual Arts
 - Commercial Photographer
 - Costume Designer
 - Fashion Designer
 - Fashion Illustrator
 - Graphic Designer
 - Illustrator
 - Interior Designer
 - Media Planner, Buyer
 - Multimedia Artist, Animator
 - Photographic Process Technician

- Textile Designer
- Science, Technology, Engineering and Mathematics
 - Engineering and Technology
 - Architect
 - Assembler
 - Civil Engineer
 - Civil Engineering Technician
 - Commercial and Industrial Designer
 - Computer Hardware Engineer
 - Computer Programmer
 - Electrical Drafter
 - Electrical Engineer
 - Electrical Engineering Technician
 - Electronic Drafter
 - Electronics Engineering Technician
 - Engineer
 - Engineering Manager
 - Engineering Technician
 - Environmental Engineer
 - Human Factors Engineer
 - Industrial Engineer
 - Industrial Engineering Technician
 - Landscape Architect
 - Materials Engineer
 - Mechanical Drafter
 - Mechanical Engineer
 - Mechanical Engineering Technician
 - Network Systems and Data Communication Analyst
 - Network and Computer Systems Administrator
 - Pipeline Drafter
 - Power Systems Engineer
 - Project Manager
 - Quality Engineer
 - Quality Technician
 - Systems Analyst
 - Technical Writer
 - Telecommunications Specialist