Industry Credentials, Concentration Sequences, and Career Clusters

Communication Systems (8415)

Industry Credentials:

These apply only to 36-week courses

- Adobe Certified Professional Examinations: After Effects
- Adobe Certified Professional Examinations: Animate
- Adobe Certified Professional Examinations: Dreamweaver
- Adobe Certified Professional Examinations: Illustrator
- Adobe Certified Professional Examinations: InDesign
- Adobe Certified Professional Examinations: Photoshop
- Adobe Certified Professional Examinations: Premiere Pro
- Autodesk Certified User Examinations: 3DS Max
- College and Work Readiness Assessment (CWRA+)
- National Career Readiness Certificate Assessment: Applied Math
- National Career Readiness Certificate Assessment: Graphic Literacy
- National Career Readiness Certificate Assessment: Workplace Documents
- 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.*

- Digital Visualization
- Graphic Communications Systems
- Graphic Communications Systems
- Imaging Technology
- Imaging Technology
- Technical Drawing and Design
- Technical Drawing and Design
- Technology Foundations

- Technology Foundations
- Video and Media Technology

Career Clusters, Career Pathways, and Occupations:

- 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
  - Printing Technology
    - Desktop Publisher
    - Job Printer
    - Prepress Technician
    - Press Operator
    - Production, Planning, Expediting Clerk
  - Telecommunications
    - Computer Programmer
    - Network Systems and Data Communication Analyst
    - Telecommunications Equipment Installer, Repairer

- o Visual Arts
  - Commercial Photographer
  - Fashion Illustrator
  - Graphic Designer
  - Illustrator
  - Interior Designer
  - Media Planner, Buyer
  - Multimedia Artist, Animator
  - Photographic Process Technician
- Information Technology
  - o Network Systems
    - Computer Security Specialist
    - Radio, TV Broadcast Technician
    - Sound Engineering Technician
    - Telecommunications Equipment Installer, Repairer
  - o Web and Digital Communications
    - Graphic Designer
    - Radiologic Technologist, Radiographer
    - Web Developer
- Marketing
  - o Marketing Communications
    - Art Director
    - Copy Writer
    - Media Planner, Buyer
    - Multimedia Artist, Animator
    - Web Developer
  - o Marketing Management
    - Art Director
    - Entrepreneur
    - Marketing Communication Manager
    - Media Planner, Buyer
    - Multimedia Artist, Animator
  - o Marketing Research
    - Market Research Analyst
    - Product Planner
  - o Professional Sales
    - Entrepreneur
    - Media Planner, Buyer

- Multimedia Artist, Animator
- Telemarketer