

Industry Credentials, Concentration Sequences, and Career Clusters

Computer Information Systems (6612, 6614)

Industry Credentials:

These apply only to 36-week courses.

- Administrative Assisting Assessment
- Administrative Services Assessment
- Cloud Essentials Certification Examination
- College and Work Readiness Assessment (CWRA+)
- College Level Examination Program (CLEP): Information Systems and Computer Applications
- General Management Assessment
- Human Resources Management Assessment
- IC3 Digital Literacy Certification Examination
- Interactive Media Assessment
- Microsoft 365 Fundamentals Examination
- Microsoft Certified Azure Fundamentals Examination
- Microsoft Dynamics 365 Fundamentals Examination
- Microsoft Office Specialist (MOS) Examinations
- 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.*

- Accounting (6320/36 weeks)
- Accounting, Advanced (6321/36 weeks)
- Business Law (6131/36 weeks)
- Business Law (6132/18 weeks)
- Business Management (6135/36 weeks)
- Business Management (6136/18 weeks)
- Computer Information Systems, Advanced (6615/18 weeks)

- Computer Information Systems, Advanced (6613/36 weeks)
- Computer Network Software Operations (6650/36 weeks)
- Computer Network Software Operations, Advanced (6651/36 weeks)
- Cybersecurity Software Operations (6304/36 weeks)
- Database Design and Management (Oracle) (6660/36 weeks)
- Design, Multimedia, and Web Technologies (6632/18 weeks)
- Design, Multimedia, and Web Technologies (6630/36 weeks)
- Design, Multimedia, and Web Technologies, Advanced (6633/18 weeks)
- Design, Multimedia, and Web Technologies, Advanced (6631/36 weeks)
- Digital Applications (6611/36 weeks)
- Digital Applications (6617/18 weeks)
- Entrepreneurship (9093/36 weeks)
- Entrepreneurship, Advanced (9094/36 weeks)
- Information Technology Fundamentals (6670/36 weeks)
- International Baccalaureate Business Management (IB6135/36 weeks)
- International Baccalaureate Information Technology in a Global Society (IB6613/36 weeks)
- Java Programming (Oracle) (6661/36 weeks)
- Legal Administration (6735/36 weeks)
- Legal Administration (6736/18 weeks)
- Medical Administration (6731/18 weeks)
- Medical Administration (6730/36 weeks)
- Office Administration (6622/18 weeks)
- Office Administration (6621/36 weeks)
- Office Specialist I--Preparation (6740/36 weeks)
- Office Specialist II--Preparation (6741/36 weeks)
- Office Specialist III--Preparation (6742/36 weeks)
- Principles of Business and Marketing (6116/18 weeks)
- Principles of Business and Marketing (6115/36 weeks)
- Programming (6640/36 weeks)
- Programming, Advanced (6641/36 weeks)

Career Clusters, Career Pathways, and Occupations:

- Arts, Audio/Video Technology and Communications
 - Audio and Video Technology and Film
 - Audio and Video Equipment Technician
 - Audio-Video Designer, Engineer
 - 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
 - Network Systems and Data Communication Analyst
- Business Management and Administration
 - Administrative Support
 - Administrative Assistant
 - Court Reporter
 - Dispatcher
 - Executive Assistant
 - Medical Transcriptionist
 - Office Manager
 - Business Information Management
 - Administrative Assistant
 - Budget Analyst
 - Communications Equipment Operator
 - Desktop Publisher
 - Executive Assistant
 - Office Manager
 - General Management
 - Entrepreneur
 - General Manager
 - Meeting and Convention Planner
 - Office Manager
 - Purchasing Manager
 - Operations Management
 - Administrative Services Manager
 - Billing Manager
 - Copy Writer
 - General Manager
 - Purchasing Manager
 - Shipping and Receiving Clerk
- Information Technology
 - Information Support and Services
 - Account Executive
 - Computer Support Specialist

- Customer Service Representative
 - Instructional Coordinator
 - Technical Writer
- Network Systems
 - Computer and Information Systems Administrator
 - Computer Software Engineer
 - Computer Support Specialist
 - Database Analyst
 - Network Systems and Data Communication Analyst
 - Telecommunications Specialist
- Marketing
 - Marketing Management
 - Advertising and Promotions Manager
 - Art Director
 - Brand Manager
 - Chief Executive Officer
 - Entrepreneur
 - Franchisee
 - General Manager
 - Internet Entrepreneur
 - Marketing Communication Manager
 - Marketing Manager
 - Media Planner, Buyer
 - Multimedia Artist, Animator
 - Public Information Director
 - Public Relations Manager
 - Retail Manager
 - Shipping and Receiving Clerk
- Science, Technology, Engineering and Mathematics
 - Engineering and Technology
 - Computer Hardware Engineer
 - Computer Programmer
 - Computer Software Engineer
 - Network and Computer Systems Administrator
 - Network Systems and Data Communication Analyst
 - Production, Planning, Expediting Clerk
 - Project Manager
 - Stockroom, Warehouse, or Storage Yard Stock Clerk
 - Technical Writer
 - Telecommunications Specialist
 - Transportation Manager
- Transportation, Distribution and Logistics
 - Health, Safety, and Environmental Management
 - Health, Safety, and Environment Manager
 - Sales and Service
 - Billing Clerk

- Customer Service Representative (CSR)
- Dispatcher
- Office Manager
- Parts Salesperson
- Statement Clerk