Industry Credentials, Concentration Sequences, and Career Clusters

Computer Information Systems, Advanced (6615)

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
- Accounting, Advanced
- Business Law (18 Weeks)
- Business Law (36 Weeks)
- Business Management (18 Weeks)
- Business Management (36 Weeks)
- Computer Information Systems (18 Weeks)
- Computer Information Systems (36 Weeks)
- Computer Network Software Operations
- Computer Network Software Operations, Advanced
- Cybersecurity Operations
- Database Design and Management (Oracle)
- Design, Multimedia, and Web Technologies (18 Weeks)
- Design, Multimedia, and Web Technologies (36 Weeks)
- Design, Multimedia, and Web Technologies, Advanced (18 Weeks)
- Design, Multimedia, and Web Technologies, Advanced (36 Weeks)
- Digital Applications (18 Weeks)
- Digital Applications (36 Weeks)
- Entrepreneurship
- Entrepreneurship, Advanced
- Information Technology Fundamentals
- International Baccalaureate Business Management

- International Baccalaureate Information Technology in a Global Society
- Java Programming (Oracle)
- Legal Administration (18 Weeks)
- Legal Administration (36 Weeks)
- Medical Administration (18 Weeks)
- Medical Administration (36 Weeks)
- Office Administration (18 Weeks)
- Office Administration (36 Weeks)
- Office Specialist III-Preparation
- Office Specialist II-Preparation
- Office Specialist I-Preparation
- Principles of Business and Marketing (18 Weeks)
- Principles of Business and Marketing (36 Weeks)
- Programming
- Programming, Advanced

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
  - 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
    - Court Reporter
    - Dispatcher
    - Executive Assistant
    - Medical Transcriptionist
    - Office Manager
    - Paralegal
  - 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
    - General Manager
    - Payroll Manager
    - Purchasing Manager
    - Shipping and Receiving Clerk
- Information Technology
  - Information Support and Services
    - Account Executive
    - Computer User Support Specialist
    - Customer Service Representative

- - Instructional Coordinator
  - Technical Writer
  - Network Systems
    - Computer Operator
    - Computer User Support Specialist
    - Computer and Information Systems Administrator
    - Database Analyst
    - Systems Analyst
- 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 Systems and Data Communication Analyst
    - Network and Computer Systems Administrator
    - 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
    - Dispatcher
    - Office Manager
    - Parts Sales Representative
    - Statement Clerk
    - Customer Service Representative