

**Title: MANAGEMENT INFORMATION SYSTEMS, GENERAL**  
**Code: 52.1201**  
**Career Cluster: Information Technology**

Certification Required	Certification Method	Occupational Competency Area	Occupational Competency Evaluation
Business, Computer & Information Technology 1603	Instructional (degree program)	N/A	N/A

**Description:** An instructional program that prepares individuals to apply technical knowledge and skills to support the design and development of software applications, manage data systems and related mathematical statistics for analysis and forecasting of business data, process and retrieve business information, and prepare and interpret process and data models.

Students will create a relational database, receive instruction in a variety of computer programming languages including writing, testing and debugging code; writing related system user documentation; demonstrating an understanding of core computer concepts to include the internet and the basic functions of business desktop applications; and analyzing common hardware, software and network processes. Students will receive instruction in business ethics and law, economics, office procedures and communications. Students will learn office safety, computer fundamentals, database administration and computer maintenance/troubleshooting.

**Notes:** This approved vocational occupational program should not be confused with a general education elective course in computer literacy.  
The following certificate is no longer issued but remains valid for teaching in this program:  
Data Processing 1625