PROGRAM DESCRIPTION
Offered by the Department of Mathematics and Computer & Information Science, this two-year degree program focuses on the system and business aspects of computing. Students receive a thorough introduction to the key principles of information systems and to their application in a business setting. Gaining proficiency in programming using a high-level language, coupled with an understanding of data structures and the dynamic nature of the information systems field, students are well-prepared for entry-level positions requiring an associate-level credential.

Graduates of the program may also choose to complete Mansfield’s bachelor of science program in Computer & Information Science, concentrating on computer science or information systems.

THE MANSFIELD EXPERIENCE
At Mansfield, students benefit from individualized attention in a supportive learning environment. You will learn elements of software development and object-oriented programming in your first semester and apply the knowledge you’ll gain about computer security and ethics to real world problems. The department’s State Farm laboratory will provide you with additional opportunities to learn first-hand about information systems.

CAREER OPPORTUNITIES
Graduates are prepared for entry-level positions in the information systems field. A significant increase in employment demand for occupations in the computer and information sciences field and related services is expected both regionally, in the Commonwealth, and nationally. For more resources about career opportunities, visit career.mansfield.edu.

admissions.mansfield.edu
SAMPLE COURSE SEQUENCE

Associate of Science

COMPUTER INFORMATION SYSTEMS

Program Requirements • 60 Credits

FIRST SEMESTER: 16 Credits
FYS 1100: First-Year Seminar
ENG 1112: Composition I
CIS 1000: Orientation to CIS
ECO 1101: Principles of Macroeconomics
CIS 1103: Introduction to Microcomputers
CIS 1109: Explorations of Computer Science

SECOND SEMESTER: 15 Credits
CIS 2203: Software for Business Applications
MA 1125: Introductory Statistics
BUS 1130: Intro to Business Management or MGT 2230: Management Principles
General Education Humanities course
General Education Themes course

THIRD SEMESTER: 15 Credits
ACC 1110: Principles of Accounting I
CIS 3303: Web Site Design
CIS 3309: Management Information Systems
Oral Communication course
Upper Division CIS Elective

FOURTH SEMESTER: 14 Credits
CIS 3305: Computer Security and Ethics
General Education Global Perspectives Course
Upper Division CIS Elective
Free Elective Courses (minimum 5 credits)