



Computer Information Systems, A.A.S

USE TECHNOLOGY AND PROBLEM-SOLVING SKILLS TO MAKE ORGANIZATIONS MORE EFFICIENT.

Our AAS degree in Computer Information Systems (CIS) puts you at the intersection of business and technology. You'll build skills that are coveted by every employer, developing the ability to make computer systems—and the employees who use them—smarter, more efficient and more productive. Learn to program, develop websites, build databases, streamline communications networks, and more. This field has high growth potential and relies on skills that can't be easily outsourced. You'll find opportunities in a wide range of organizations, including medicine, national defense, business, news media, and education.

PROGRAM DESCRIPTION

The AAS degree program in Computer Information Systems emphasizes the skills and knowledge you need for employment in customer service, technical support, help-desk support and related fields. Core courses provide you with a solid base of communication, interpersonal, analytical and problem-solving skills, along with a basic understanding of programming, networks and databases. You'll also learn business fundamentals such as accounting, marketing, economics and management.

This career associate degree includes an internship component, enabling you to gain valuable work experience while earning college credit. This program is not designed as a transfer program. If you plan to transfer to a four-year college to earn a bachelor's degree, contact an MCC advisor to identify the appropriate program.

“The field of computer information systems is projected to grow 15 percent by 2022—faster than all other occupations.”

—Bureau of Labor Statistics

CURRICULUM OVERVIEW

FIRST SEMESTER:

- BUS 104 Introduction to Business
- CIS 100 Digital Computers and Information Processing
- MTH 165 College Algebra (or higher)
- PHL 105 Technology and Values
- PHYSICAL/HEALTH EDUCATION*

SECOND SEMESTER:

- BUS 220 Applied Business Applications
- CIS 101 Programming for Information Systems
- CIS 110 Building and Maintaining the PC
- ENG 101 College Composition **OR**
- ENG 200 Advanced Composition
- MTH 160 Statistics I

THIRD SEMESTER:

- ACC 101 Accounting Principles I
- ACC 110 Fundamentals of Accounting I **AND**
- ACC 111 Fundamentals of Accounting II
- CIS 201 Introduction to Web Site Programming and Design
- CIS 211 Applied Database Concepts **OR**
- CIS 221 Applied Database Concepts with an Oracle Database
- SPC 141 Interpersonal Speech Communication **OR**
- SPC 142 Public Speaking
- NATURAL SCIENCE ELECTIVE*

FOURTH SEMESTER:

- BUS 275 Business Cooperative Education
- CIS 209 Systems Analysis and Design
- CPT 115 Introduction to Networks
- ENG 251 Technical Writing
- SOCIAL SCIENCE ELECTIVE**
- PHYSICAL/HEALTH EDUCATION*

Total Credits: 64-69



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Start your career with employers like these:

- UB Micro
- Unisys Corporation
- Verdata, LLC
- Lance Soft, Inc.
- Lenel Systems International

Your job title could be:

- Telecommunications Equipment Installer and Repairer
- Computer Technician
- Help Desk Analyst
- Demonstrator and Product Promoter
- Computer User Support Specialist
- Computer Network Architect

Average starting salary: \$35,000 to \$49,000 per year.

A STRONG START—ACADEMICALLY AND FINANCIALLY!

MCC's low tuition (\$1,708 per semester) plus financial aid opportunities help make a high-quality education affordable. You could qualify for federal grants, workforce grants, scholarships, and more.

Visit www.monroecc.edu/go/finaid or call 585.292.2050

AMONG THE BEST COMMUNITY COLLEGES

MCC is part of the State University of New York (SUNY) and recognized as being among the 19 most innovative community colleges in the United States as a member of the League for Innovation in the Community College. The League's members demonstrate educational leadership in academics, technology, workforce development, and administration.

FIND OUT MORE

To learn more about MCC, visit us on the web at www.monroecc.edu

Apply today at admissions.monroecc.edu or contact the Admissions Office at 585.292.2200 to schedule a visit.