



**Monroe Community College**

STATE UNIVERSITY OF NEW YORK

Inspiring every day.



SCHOOL OF BUSINESS & ENTREPRENEURIAL STUDIES

## 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

This associate degree program 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.

The program also includes an internship component, enabling you to gain valuable work experience while earning college credit. It 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.

### A STRONG START—ACADEMICALLY AND FINANCIALLY!

MCC's low tuition 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](http://www.monroecc.edu/go/finaid) or call 585.292.2050.

### APPLY TODAY!

To learn more about MCC, visit us on the web at [www.monroecc.edu](http://www.monroecc.edu). Apply today at [admissions.monroecc.edu](http://admissions.monroecc.edu) or contact the Admissions Office at 585.292.2200 to schedule a visit.

### WHERE WILL YOU GO?

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

“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

## COMPUTER INFORMATION SYSTEMS A.A.S.

This program's design is based on: New MCC General Education

Distribution Requirements	Credit Hours
<b>FIRST SEMESTER</b>	
ENG 101 College Composition <b>OR</b> ENG 200 Advanced Composition	3
MTH 165 College Algebra <b>OR</b> higher	3
BUS 104 Introduction to Business	3
CIS 100 Information Processing Fundamentals	4
MCC GENERAL EDUCATION - HEALTH AND WELLNESS (MCC-HW) ELECTIVE	2
<b>First Semester Total:</b>	<b>15</b>
<b>SECOND SEMESTER</b>	
BUS 220 Applied Business Applications	3
CIS 123 A+ Guide to Computer Hardware: Technical Support	3
CIS 200 Programming for Information Systems	4
SUNY GENERAL EDUCATION - OTHER WORLD CIVILIZATIONS (SUNY-OWC) <b>OR</b> SUNY GENERAL EDUCATION - WESTERN CIVILIZATION (SUNY-WC) ELECTIVE	3
MCC GENERAL EDUCATION - SCIENTIFIC REASONING (MCC-SCI) ELECTIVE*	3
<b>Second Semester Total:</b>	<b>16</b>
<b>THIRD SEMESTER</b>	
MTH 160 Statistics I	3
ACC 101 Accounting Principles I <b>OR</b> ACC 110 Fundamentals of Accounting I <b>AND</b> ACC 111 Fundamentals of Accounting II	4
CIS 201 Introduction to Web Site Programming and Design	3
CIS 124 A+ Guide to Computer Software: Technical Support	3
SPC 141 Interpersonal Speech Communication <b>OR</b> SPC 142 Public Speaking	3
<b>Third Semester Total:</b>	<b>16</b>
<b>FOURTH SEMESTER</b>	
ENG 251 Technical Communication	3
BUS 275 Business Cooperative Education	4
CIS 209 Systems Analysis and Design	3
CIS 211 Applied Database Concepts	3
ECO 103 Personal Money Management <b>OR</b> SUNY GENERAL EDUCATION - SOCIAL SCIENCE (SUNY- SS) ELECTIVE**	3
<b>Fourth Semester Total:</b>	<b>16</b>
<b>TOTAL CREDITS:</b>	<b>63</b>

\* Recommended Natural Science Elective: GEG 130

\*\*Recommended Social Science Elective: ECO 101 or ECO 111

Revised: 7/27/2018