



Computer Systems Technology A.A.S.

BUILD A SOLID FOUNDATION FOR A WIDE RANGE OF CAREERS. From computer installation and repair to network planning, Monroe Community College’s Computer Systems Technology associate degree program gives you the flexibility to pursue a career that fits your interests. Learn from accomplished instructors dedicated to your success, and take courses and labs in state-of-the-art learning facilities, including our robotics lab.

PROGRAM DESCRIPTION

This program provides you with comprehensive computer systems knowledge used in today’s networked environments. A focus on practical applications includes training using the latest networking components and tools from industry leaders such as CISCO. Through coursework and projects, you’ll develop strong problem solving skills, and an understanding of basic electronics, digital logic, programming, computer architecture, and operating systems.

“Our grads are in high demand by local companies and 4-year colleges. Some even return here to teach!”
–Christine Forde
Professor, Chair
Information and Computer Technologies

CURRICULUM OVERVIEW

FIRST SEMESTER:

- ENG 101 College Composition **OR**
- ENG 200 Advanced Composition
- CPT 114 Problem Solving and Robotics
- CPT 115 Introduction to Networks
- SOCIAL SCIENCE ELECTIVE*
- MATHEMATICS ELECTIVE*

SECOND SEMESTER:

- CPT 101 Python Programming
- COMPUTER SCIENCE ELECTIVE*
- ENR 157 Digital Electronics and Microcontrollers
- MATHEMATICS ELECTIVE*
- PHYSICAL/HEALTH EDUCATION*

THIRD SEMESTER:

- CSC 202 Programming Embedded Microcontrollers in C and Assembly Language
- CPT 211 Android App Design for Mobile Devices
- MATHEMATICS ELECTIVE*
- COMPUTER SYSTEMS ELECTIVE*
- PROGRAMMING SKILLS OPTION*
- SOCIAL SCIENCE ELECTIVE*

FOURTH SEMESTER:

- CPT 210 Operating Systems and Peripherals
- CPT 212 Wireless and Remote Sensor Technology
- ENG 251 Technical Communications
- COMPUTER SYSTEMS ELECTIVE*
- COMPUTER SYSTEMS CAPSTONE ELECTIVE*
- NATURAL SCIENCE ELECTIVE*
- PHYSICAL/HEALTH EDUCATION*

Total Credits: 63



GET THE LATEST ON CAREERS IN OUR AREA, INCLUDING EMPLOYMENT PROJECTIONS, EARNINGS, AND JOB OPENINGS AT CAREERCOACH.MONROECC.EDU

Start your career with employers like these:

- University of Rochester
- Constellation Brands
- Excellus BlueCross BlueShield
- Proctor & Gamble
- Rochester Regional Health System
- Frontier Communications

Your job title could be:

- Telecommunications Equipment Installer and Repairer
- Computer Network Support Specialist
- Computer Operator
- Demonstrator and Product Promoter
- Computer User Support Specialist
- PC Maintenance Technician

Average starting salary: \$42,400 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/financial 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.

VISIT US

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.