Monroe Community College
STATE UNIVERSITY OF NEW YORK

ENGINEERING TECHNOLOGIES

TRAIN FOR A CAREER IN ROBOTICS & AUTOMATION!

Earn while you learn at MCC.

Do you enjoy working with your hands and are fascinated with robotics, mechanics, computing or electronics? Local companies need a workforce skilled in robotics and automation and MCC's new micro-credential will have you ready to join that field with an exciting career in just 11 weeks! You'll earn while you learn—tackling a paid work experience while taking special college courses, earning college credit and be job ready when you're done.

Robotics and Automation combine mechanical and electronic technologies, computer science, and controls engineering to develop intelligent systems and products. A robotics and automation technician is a professional who maintains, troubleshoots and repairs automation systems. Technicians play a crucial role in ensuring robotics and automation systems operate efficiently and effectively. They're essential to the manufacturing, automotive, consumer goods, life sciences and food processing industries and anywhere complex automated systems are used.

APPLICANT CRITERIA

High School Diploma or equivalent (or within six months of graduation).

Good attitude and willingness to learn.

REQUIRED COURSES

ELT130 System Electricity (Dual Enrollment credit accepted)

MET 107 Mechanical Systems

ELT134 Intro to Programmable Login Controller

Co-op Experience (Preferred) *or*
MET150 Industrial Robotics

WHERE CAN YOU GO?

Regional companies that employ Robotics & Automation Technicians include:

- Bausch & Lomb
- QuidelOrtho
- L3Harris Technologies, Inc.
- Baldwin Richardson Foods Co.

HOW THIS "EARN WHILE YOU LEARN" PROGRAM WORKS

You'll attend MCC classes for 11 weeks from September through November 2025. You'll gain valuable paid work experience by working three days a week while attending classes, a mix of classroom and hands-on lab work, eight hours a day, two days a week. Upon completion, you'll be ready to enter the workforce. If you'd like to continue your studies, this micro-credential can also be used to earn MCC's Industrial Automation-Mechatronics Certificate or Industrial Automation Technology A.A.S. degree.

For more information on MCC's Robotics & Automation Micro-Credential Program, please contact Engineering Technologies Chairperson Bill Hunt at: whunt3@monroecc.edu.