MIAMI VALLEY CAREER TECHNOLOGY CENTER

Robotics & Automation

www.mvctc.com/ra

PROGRAM OVERVIEW:

- Learn to program, troubleshoot, and operate real industrial robots while building and testing a combat robot from concept to completion.
- Practice designing and testing robot movements in a 3D simulation environment.
- Earn industry certifications that show employers the skills they want in the workplace.
- College Credit Opportunities: Career-Technical Credit Transfer (CT)²/CTAG; Articulated Credit through Sinclair College
- Industry-Recognized Credential Opportunities:
  - Motoman FS100/DX100 Basic Programming w/Material Handling/Yaskawa FS100
  - Fanuc - Handling Tool Operation & Programming
  - Programmable Logic Controllers Certification, Allen-Bradley
  - Certified SolidWorks Associate (CSWA)
- School-to-Work Opportunities

POTENTIAL CAREERS:

- Automation Engineer
- Robotics Technician
- Robotics Engineer
- Robotic Welder
- Robotic Maintenance Engineer

**Some careers listed require additional education, training, or licensing after high school.*



Career-Technical Student Organizations (CTSO):

SkillsUSA®