

OVERVIEW

The Robotics and Automation program teaches students about the setup, continuous improvement, and operations of the manufacturing process. Students receive hands-on lab experience to gain the needed skills and knowledge to better understand this process. Mechatronics and Mechatronics Engineering, including the use of robotics equipment are utilized to prepare students for careers within the Manufacturing and Engineering fields.

AVAILABLE INDUSTRY CERTIFICATIONS

Students have the opportunity to earn Industry Based Certifications. These certifications help students stand out in interviews, help students gain confidence in a subject area, and give students valuable experience in preparing for the level of rigor required for industry certification exams they may face in the future.

Autodesk Certified User AutoCAD

Students who enroll in Engineering Design and Presentation I have the opportunity to earn this certification.

C-201 Certified Industry 4.0 Electrical Systems 1

Students who enroll in Manufacturing Engineering I at Miller Career and Technology Center have the opportunity to earn this certification.

C-101 Certified Industry 4.0 Associate: Basic Operations

Students who enroll in Manufacturing Engineering Technology II at Miller Career and Technology Center have the opportunity to earn this certification.