

# Automated Manufacturing Technician High School Career Academy

## Robotics, Engineering, and Manufacturing Academy Part 2

Moraine Park's Automated Manufacturing Technician program prepares individuals to apply basic engineering principles and technical skills to the identification and resolution of production problems in the manufacture of products. The curriculum includes instruction in machine operations, production line operations, engineering analysis, systems analysis, instrumentation, physical controls, automation, computer-aided manufacturing (CAM), and manufacturing planning.

Course Number	Course Name	Credits
103-159	Computer Lit - Microsoft Office	1
623-162	Manufacturing Processes	3
623-110	Technical Print Reading	2
664-110	Introduction to Mechatronics	2
804-107 / 804-195	College Math or College Algebra with Apps	3
890-101	College 101	2
617-114	CAD 3-D SolidWorks	3
623-191	Basic Metrology	2
664-105	Introduction to Industrial Robotics	2
664-100	Introduction to Industrial Control Systems	2
<b>Total Credits</b>		<b>22</b>

	CREDENTIAL	ASSOCIATE DEGREE	FURTHER EDUCATION
<b>Programs</b>	<b>Automated Manufacturing Technician Technical Diploma</b>	<b>Quality and Advanced Manufacturing Technology Associate Degree</b>	<b>Transfer Opportunities</b>
<b>Career Opportunities</b>	<b>Monitor Automated Systems/Quality Control</b>	<b>Engineering Technician Manufacturing Coordinator Business Process Analyst</b>	<b>Varies based on degree earned</b>
<b>Salary*</b>	<b>\$ 43,500</b>	<b>\$62,395</b>	<b>\$ varies</b>

**\*Salary information is based on Wisconsin Technical College System survey data.**

**READY TO GET STARTED? CONTACT YOUR HIGH SCHOOL COUNSELOR OR EMAIL [HSCA@MORAINEPARK.EDU](mailto:HSCA@MORAINEPARK.EDU) FOR IMPORTANT DEADLINES!**

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