

# AUTOMATION MAINTENANCE ENGINEERING TECHNOLOGY

Code	Title	Credit Hours
ENG-1010	College Composition I	3
ISET-1301	Mechanical/Electrical Print Reading	3
ISET-1410	Applied Electricity I	3
ISET-1420	Applied Electricity II	3
ISET-1320	Fundamentals of Fluid Power	2
MATH-1190	Algebraic and Quantitative Reasoning (or higher Approved Ohio Transfer 36 Mathematics course) <sup>1</sup>	3
ISET-2200	Industrial Motor Controls	3
ISET-2240	Applied National Electric Code	3
ISET-2210	Commercial Wiring	3
ISET-1340	Industrial Piping and Tubing	2
IT-1090	Computer Applications	3
BADM-1050	Professional Success Strategies	3
ISET-1310	Mechanical Power Transmission	2
ISET-2500	Programmable Logic Controllers Maintenance I	3
ISET-2511	Programmable Logic Controllers Maintenance II	3
MET-2250	Robotics Operations Certification	3
COMM-1000	Fundamentals of Interpersonal Communication	3
ENG-2151	Technical Writing	3
ISET-2220	Fundamentals of Electronics and Instrumentation	3
MET-2260	Infrared Robotic Vision	3
PSY-1050	Introduction to Industrial/Organizational Psychology	3
DEGR-XXXX	Arts and Humanities/Natural Science Elective	3

<sup>1</sup> MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet mathematics requirement for this program.

## Related Degrees and Certificates

- Automation Maintenance Technician, Certificate of Proficiency
- Industrial Maintenance Technician, Certificate of Proficiency
- Steelworker for the Future – Electrical Technology, Certificate of Proficiency
- Steelworker for the Future- Mechanical Technology, Certificate of Proficiency
- Automation Maintenance Engineering Technology, Associate of Applied Science

Industrial Maintenance Technology, Associate of Applied Science