INDUSTRIAL MAINTENANCE TECHNOLOGY

Certificate(s) may have additional courses that do not overlap with the degree. Please see Certificate program page for complete listing of required courses.

Code	Title	Credit Hours
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
ENG-1010	College Composition I	3
MATH-1190	Algebraic and Quantitative Reasoning (or higher Approved Ohio Transfer 36 Mathematics course)	3
COMM-1000	Fundamentals of Interpersonal Communication	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
ISET-1450	Heating Ventilation Air Conditioning/ Refrigeration I	2
ISET-1460	Fundamental Boiler Technology	3
ISET-2450	Heating Ventilation Air Conditioning/ Refrigeration II	2
ISET-2460	Applied Boiler Technology	2
BADM-1050	Professional Success Strategies	3
ENG-2151	Technical Writing	3
ISET-1310	Mechanical Power Transmission	2
ISET-2500	Programmable Logic Controllers Maintenance I	3
ISET-2990	Reliability Centered Maintenance	3
PSY-1050	Introduction to Industrial/Organizational Psychology	3
DEGR-XXXX	(Arts and Humanities/Natural Science Elective)	3

[1] MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet mathematics requirement for this program.

Other Content

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.

Related Degrees and Certificates

- Introductory Welding, Short-Term Certificate
- Welding Technology, Short-Term Certificate
- Automation Maintenance Technician, Certificate of Proficiency
- Industrial Welding, Certificate of Proficiency
- Mechatronics, Certificate of Proficiency
- Steelworker for the Future – Electrical Technology, Certificate of Proficiency
- Industrial Maintenance Technology, Associate of Applied Science

Training and Credentials

- Fast-Track Welding Certificate Program
- Electrical Technician Certificate of Completion
- Steelworkers for the Future
- Nondestructive Testing (NDT) and Quality Assurance (QA)