

INDUSTRIAL MAINTENANCE TECHNOLOGY

Program Code: E.IMT.CER

Certificate

Graduation requirement — 37 semester hours

The Industrial Maintenance Technology Program prepares students to install and maintain the electromechanical, mechanical pneumatic, and hydraulic systems used in manufacturing and building facilities. The student acquires knowledge of electrical power and motors, control systems, pumps, compressors, pneumatics, hydraulics, and power transfer devices. Students can expect to find employment as installers, technicians, and service representatives in manufacturing, sales, and customer service.

Suggested Full-Time Sequence

FALL

1st Semester

*DRT 119

ELT 111

MFT 110

MAT 131

SPRING

2nd Semester

ELT 150

MFT 113

*MFT 128

WLD 111

SPRING

3rd Semester

ELT 131

ELT 179

MFT 210

SPRING

4th Semester

ELT 134

MFT 117

Required Program Courses (33 hours)

Cr. Hrs.

ELT 111	Computer Applications for Technicians	2
ELT 131	Residential Wiring	3
ELT 134	Motors, Controls, and Drives	3
ELT 150	Introduction to Electricity and Electronics.	3
ELT 179	Industrial Controls.	3
MFT 110	Mechanical Assemblies.	3
MFT 113	Introduction to Hydraulics and Pneumatics	3
MFT 117	Pumps, Compressors, and Vacuum Systems	3
MFT 210	Industrial Safety	3
WLD 111	Introduction to Welding	4
*DRT 119 or MFT 128	Blueprint Reading and Technical Drawing Quality Assurance	3

Required General Education Courses (4 hours)

MAT 131	Applied Mathematics	4
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Total Semester Credit Hours

37