

MAINTENANCE TECHNOLOGY

Supervisory Maintenance Certificate

NOTE: This program is being withdrawn. Its inclusion in our catalog is for those students who are finishing the requirements.

This 46 credit-hour certificate program builds on the Basic Maintenance and Commercial Maintenance certificates to prepare students for supervisory positions in commercial, industrial or residential maintenance.

Required:

Number	Course Title	Credits
BCE 104	Basic Mechanical and Energy Conservation Codes	3
ELT 142	Residential Wiring	2
ELT 143	Commercial Wiring	2
MGT 160	Principles of Supervision	3
MNT 111	Prints and Schematics	2
MNT 115	Basic Carpentry	2
MNT 125	Basic Plumbing	2
MNT 215	Commercial Carpentry	2
MNT 225	Commercial Plumbing	2
MNT 228	Small Equipment Maintenance	2
MNT 235	Maintenance Troubleshooting Skills	3
MTH 097	Basic Technical Mathematics ¹	3
HVA 101	Refrigeration Fundamentals	3
HVA 103	Heating Principles	3
WLD 110	Welding I	3

Electives: Select seven credit hours from the following courses:

Number	Course Title	Credits
ACC 100	Introductory Accounting	3
ARC 213	Building Materials II	4
ELT 120	Introductory Industrial Electronics Maintenance	2
ELT 140	Introduction to Programmable Logic Controllers	2
ELT 144	AC and DC Motors	2
ELT 145	Variable Frequency Drives	2
FIS 122	Fire Prevention Principles	3
MFT 105	Machining Processes I	4
MFT 120	Machining Processes II	4
MNT 255	Belts/Bearings and Mechanical Drives	2
MNT 281	Topics in Maintenance Technology	1-6
HVA 104	Residential Comfort Systems	3
WLD 210	Welding II	3
WLD 211	Welding III	4
WLD 212	Welding IV	4

¹ Students may take MTH 097, MTH 101, MTH 103 or higher.