

2024-2025 TTC Catalog

Facilities Maintenance

Certificate in Applied Science

39 Credit Hours

The Facilities Maintenance program prepares students for entry-level employment in the facilities maintenance career field. This program teaches the fundamental skills needed to maintain commercial and industrial buildings through classroom theory and hands-on laboratory instruction.

Major Requirements

ACR 106 Basic Electricity for HVAC-R 4
ACR 108 Refrigeration Fundamentals 3
ACR 109 Tools and Service Techniques II 2
EEM 167 Commercial-Industrial Wiring I 2
EEM 173 Electrical Installation I 2
EEM 174 Electrical Installation II 2
IET 223 Industrial Safety 3
IMT 106 Fundamentals of Industrial Technology 3
IMT 115 Industrial Schematics 3
IMT 127 Industrial Pumps 3
IMT 151 Piping Systems 3
IMT 160 Preventive Maintenance 3
or
CWE 113 Cooperative Work Experience 3
IMT 161 Mechanical Power Applications 4
MTT 143 Precision Measurements 2

Total: 39

Admission Requirements

Students who are at least 18 years old and have acceptable scores from the SAT, ACT or placement test can be admitted into this program without a high school diploma or GED.