

2021-2022 TTC Catalog

Facilities Maintenance

Certificate in Applied Science

35 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 173 Electrical Installation I 2
EEM 174 Electrical Installation II 2
IET 223 Industrial Safety 3
IMT 104 Schematics 2
IMT 106 Fundamentals of Industrial Technology 3
IMT 124 Pumps 2
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: 35

Admission into this program requires proof of high school graduation (or GED) and qualifying placement levels.