

# 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.