

2025-2026 TTC Catalog

Air Conditioning - Refrigeration Mechanics

Certificate in Applied Science

24 Credit Hours

The Air Conditioning and Refrigeration Mechanics program prepares students for an entry-level position in the residential and light commercial heating and air conditioning field.

Major Requirements

ACR 106 Basic Electricity for HVAC-R 4
ACR 108 Refrigeration Fundamentals 3
ACR 109 Tools and Service Techniques II 2
ACR 111 Gas Heating Principles 3
ACR 120 Basic Air Conditioning 4
ACR 150 Basic Sheet Metal 2
ACR 210 Heat Pumps 4
ACR 224 Codes and Ordinances 2

Total: 24

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.