



# Heating, Ventilation, Air Conditioning, and Refrigeration - CERT B Degree Pathway

## Required Courses

- (AE100) AC/DC Circuits** - 4 Credit Hours
- (AE150) Programmable Logic Controls (PLCs)** - 3 Credit Hours
- (AE155) Electrical Maintenance** - 3 Credit Hours
- (ME110) Fundamentals of Motor Controls** - 3 Credit Hours
- (ME112) Heating System Fundamentals** - 3 Credit Hours
- (ME115) HVAC Fundamentals** - 4 Credit Hours
- (ME116) Commercial Refrigeration** - 4 Credit Hours
- (ME117) Commercial Heating and Air Conditioning** - 4 Credit Hours
- (ME131) EPA 608** - 1 Credit Hours
- (ME132) HVAC Load Calculations** - 1 Credit Hours
- (ME133) HVAC Duct Sizing** - 1 Credit Hours
- (ME134) HVAC Code Requirements** - 1 Credit Hours
- (ME140) Low Pressure Boilers** - 3 Credit Hours
- (TR100) Technical Math** - 3 Credit Hours

## Additional Pathway Electives

- HVAC Technical Electives** - 3 credits required
- Industrial Safety Electives** - 1 credits required

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Scan QR Code to view all course  
and elective options!

