
SECTION HEADING

ELEC 2250: Heating and Air Conditioning Controls

Description

Heating and Air Conditioning Controls introduces basic heating and cooling system installation, control and troubleshooting.

Credits

3

Topics to be Covered

1. Installation and troubleshooting of heating and cooling systems
2. Electrical symbols and diagrams
3. Wiring of heating and cooling systems

Learning Outcomes

1. Identify electrical symbols
2. Examine schematic diagrams
3. Identify components of heating and cooling systems
4. Describe electric heating systems including forced air and boiler
5. Describe gas heating systems including forced air and boiler
6. Describe Cooling systems
7. Wire electrical power for heating, ventilation and cooling systems
8. Wire electrical controls for heating, ventilation and cooling systems

Credit Details

Lecture: 2

Lab: 1

OJT: 0