



Heating, Ventilating, and Air Conditioning

Target Group

This course is designed for those who require general exposure to HVAC basic concepts.

Prerequisite

None

Description

This course outlines the major areas encountered when working with HVAC equipment and systems. Some basic physics of thermodynamics is included along with illustrated discussions of heating, cooling, and air distribution equipment. Control theory and typical control sequences will also be discussed.

Representative Topics

- basic HVAC system
- chillers
- air handlers
- dampers
- filters
- humidity
- control theory
- refrigeration cycle
- boilers
- ductwork
- coils and valves
- fans
- unitary equipment

Duration of the Course

4.5 days