

# MDT 261: HVAC and Pipe Systems Design

This course covers topics and concepts related to the design of heating, ventilation, air conditioning and piping systems in residential, industrial, and commercial applications. The topics covered are the design considerations and constraints of HVAC and pipe systems, sizing, symbols, layout, restrictions, and single and double line pipe drawings using computer-aided drafting/design software. The student will be expected to use the design specifications to properly design and draw HVAC and pipe systems.

**Credits:** 3

**Transfer Code:** Code C

**Lab Hours:** 2

**Lecture Hours:** 2

**Prerequisites:**

As required by program

**Program:** [Engineering Technology](#)

**Semester Offered:**

Fall

Spring

Summer