

## Course Outline for HEAT2218 — Gas Heating

---

Credits: 2 (1/1/0)

Description: This course covers gas heating units, primarily furnaces. Emphasis is placed on understanding the operating systems and the operating sequence as it exists within the furnace, including mechanical, electrical and combustion. Diagnosis and repair of malfunctioning furnaces is a significant portion of this course.

Prerequisites: (None)

Corequisites: (None)

Competencies:

1. Demonstrate efficiency.
2. Describe hydrocarbon combustion.
3. Describe efficiency factors.
4. Draw electrical diagrams.
5. Demonstrate and install control systems.
6. Demonstrate safety.

Goal Areas: (None)