

# ACR 111: Principles of Refrigeration

This course emphasizes the fundamental principles for air conditioning and refrigeration. Instruction is provided in the theory and principles of refrigeration and heat transfer, HVACR system components, common, and specialty tools for HVACR, and application of the concepts of basic compression refrigeration. Upon completion, students should identify system components and understand their functions, identify and use common and specialty HVACR tools, and maintain components of a basic compression refrigeration system.

**Credits:** 3

**Lab Hours:** 2

**Lecture Hours:** 1

**Program:** Air Conditioning/Refrigeration Technology