

# 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, HVAC/R system components, common, and specialty tools for HVAC/R, 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 HVAC/R tools, and maintain components of a basic compression refrigeration system.

**credits:** 3

**Lab Hours:** Lab Hours

4

**Lecture Hours:** Lecture Hours

1

**Program:** Air Conditioning & Refrigeration Technology (ACR)