

# 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.

**Program**

Air Conditioning and Refrigeration

**Hours** 3

**Lab Hours** 4

**Theory Hours** 1