

# ACR 211: Building Automation and Engineering I

Students study the basic components of a simple building automation system, controlling a small variable air volume air handling unit that serves various air terminals, an air handling unit, and how they interact. In addition, students are introduced to the basics of block-based programming related to commercial HVAC systems, properly installing various field devices and their associated wiring, and analyzing for proper installing.

**Credits:** 3

**Subject:** Air Conditioning and Refrigeration

**Experimental Laboratory Credit:** 4

**Theory Credit:** 1