

## CH402 CHEMICAL ENGINEERING PROCESS DESIGN

### **Lab 5:** Introduction to Process Control

**Read:** Project Handout

**Problems:** None

#### **Objectives (Cadets will be able to):**

1. Use CHEMCAD to design a temperature controller on a heat exchanger.
2. Use the CHEMCAD control valve and ramp control.
3. Calculate a valve coefficient,  $C_v$ .
4. Run a dynamic simulation in CHEMCAD

#### **Definitions:**

None.

#### **Cadet Notes:**