

## CH402 CHEMICAL ENGINEERING PROCESS DESIGN

### **Lab 1:** Pump & Piping Design

**Read:** Project Handout and pages 485 to 507 in PTW.

**Problems:** None

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

1. Update the cost index in CHEMCAD.
2. Use CHEMCAD to perform an optimized design and pricing of a section of pipeline.
3. Determine the purchased price and power requirements for a pump.

#### **Definitions:**

None.

#### **Cadet Notes:**