

## CH402 CHEMICAL ENGINEERING PROCESS DESIGN

### **Lesson 2:** Piping, Part 2

**Read:** Pages 485-507

**Problems:** 12-1, 12-2 (Problem Set 1)

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

1. Describe the basic features of the mechanical design of valves.
2. Determine cost of different types of valves.
3. Determine cost of different types of fittings.

#### **Definitions:**

Globe valve, gate valve, valve coefficient, discharge coefficient

#### **Cadet Notes:**