

**ME 24-221**  
**Thermodynamics I**

Assignment No: 1  
Due Date: 8 September 2000  
Fall 2000  
Instructor: J. Murthy

**Reading:** Sonntag, Chapters 1 & 2

1. Problem 2.12
2. Problem 2.22 (note: 400 kPa is the pressure *inside* the cylinder when the volume is 0.4 L)
3. Problem 2.33
4. Problem 2.36
5. Problem 2.37