

## PHY1308 - Homework 5

Expectations for the quality of your handed-in homework are available at <http://www.physics.smu.edu/sekula/phy1308/homework.pdf>. Failure to meet these guidelines will result in loss of points as detailed in that document. This assignment is due on Tuesday, Mar. 1 by 9:30am (the beginning of class).

### **Reading Assignment**

- Chapter 24, 25.1-25.2

### **Practice Problems**

These are not required; they are odd-numbered problems from Wolfson that may help you to warm up for the required problems.

- CH24-15
- CH24-35
- CH24-37
- CH25-19

### **Required Problems**

- CH24-16 (10 Points)
- CH24-36 (10 Points)
- CH24-42 (10 Points)
- CH24-44 (10 Points)
- CH24-59 (10 Points)
  - *HINT: review your chemistry - how much energy is required to bring a certain amount of water up in temperature by 1-degree Celcius?*
- CH25-18 (5 Points)
- CH25-20 (5 Points)