**ARCH1860 - Problem Set 2**

Spring 2010 Due: March 19

**In class on Friday March 19, turn in answers to the following problems:**

1. **From Callister, Problem 7.44.**
2. **From Callister, Problem 10.17, parts (a) and (b).**
3. **From Callister, Problem 10.46.**
4. **From Callister, Problem 10.65.**
5. **(a) Name three factors that influence the degree to which vitrification occurs in clay-based ceramics.**

**(b) Explain how density, firing distortion, strength, corrosion resistance, and thermal conductivity are affected by the extent of vitrification.**