

**Chem 155 Homework #7** Due at the *start of class on Weds. Feb 22*

Reading: Finish Chapter 4

Note: *All topics on this homework will be covered on Midterm 2*

**Chapter 18 Problems:**

**18.35** – review Arrhenius activation energy

**18.47** – review enzyme kinetics

**Chapter 4 Problems:**

**4.27** – photoelectric effect

**4.11** – Li flame color

**4.21** – Bohr model emission

**4.31** – DeBroglie wavelength

**4.36** – Heisenberg Uncertainty estimate

**4.37** – Particle in a box for double bond

**4.46** – X-ray vs. radio photon energy

**4.48** – another photoelectric effect problem

**4.59** – another particle in a box problem