

# HELP Chemistry

Dr. Frank, Instructor

## Week 1. Homework due 9/10/08

- 1) Tape the handouts in your lab notebook
  - a. Conversion tables (inside back covers)
  - b. Periodic Table of the Elements (inside front cover)
  - c. Laboratory Report Format
  - d. Laboratory Notebook Protocol
  - e. The Scientific Method
  - f. Common Chemicals
- 2) Read Chapter 1 in the text
- 3) Study questions 1-39, odd (the answers are in back). If you get them wrong you can do them again for full credit! Show your work, check your answers, and write your score on top of paper (e.g. 19/20), turn in your homework at the end of class.
- 4) Questions to ponder for class discussion (make notes in your lab notebook):
  - a. What is a Chemical?
  - b. What is Chemistry?
  - c. What is dimensional analysis?
  - d. Why are there so many different kinds of units?
  - e. Why do we bother with significant figures?
  - f. Why do we do so many calculations in Chemistry?
  - g. Where do all the elements come from?
  - h. How reliable is the scientific method?

### Remember to bring to every class:

- a) Chemistry text
- b) Calculator
- c) Lab notebook
- d) Pen (required for lab notebook)
- e) Your homework!