**Page 1 – Chem 201 lab, Fall 2014**

**First week schedule**

Lab – Tu (9/2), W (9/3), F (9/5) then M (9/8) 1:10-5 pm, room C209

Lab lecture – Th (9/4) 6:40-7:30 pm, room E314

**Lab this week**

1. Come to lab (C209) at 1:10 pm of your assigned lab day. The Registrar reassigned some students to new lab sections on Friday. Check your schedule and see which lab you are in. If you haven’t registered for a lab yet and want to take Chem 201 for 1 unit, you need a lab. Bring an Add/Drop form to my office or to your first lab (we have a large number of open spots on M, W, F).

2. If you can, buy a lab notebook and bring it to lab with you. You do not need to fill it out yet. We will work on that in lab. Note: a bound notebook is required (see photo); spiral and loose-leaf notebooks may not be used. See instructions and notebook photos at:

<http://blogs.reed.edu/chemistry201-202-lab-ref-manual/appendices/how-to-keep-a-laboratory-notebook/>

3. We will have our first safety orientation on the first day of lab (there will be additional safety exercises and discussions as the semester goes along). If you can, read sections 1-4 of the Chemistry Department safety manual (link is provided below). These are the sections that have been designated as appropriate for Chem 201 If you read some or all of this material for Chem 101/102 last year, please read the material again. Do not print out any of the quizzes or safety contracts. We have prepared modified versions of the safety agreement and quiz and we will distribute these in lab.

<http://www.reed.edu/ehs/chemistry_safety/ChemManual2013.pdf>

**Page 2 – Chem 201 lecture, Fall 2014**

**First week schedule**

Lecture – W (9/3) 3:10-4:30 pm and Th (9/4) 10:30-11:50 am, room E314 **(there is no lecture on M (9/1) or Tu (9/2) this week)**

**Lecture this week**

1. Come to lecture (E314) of your assigned day. If you need to change lecture sections, bring an Add/Drop form to my office or to your first lecture. The lecture sections are currently in rough balance, but both can accept a few more students.

2. Bring a pencil. We will be writing in class (see #5) and you will need to be able to make corrections. Pencil is better than pen.

3. If you can, buy the required materials for lecture: textbook (the solutions manual is also strongly recommended), Sapling online homework, and clicker (yes, your clicker from last year should work, but it might need a new battery). Bring the clicker to the first class (and to every class). When you sit down, get the clicker out. We will usually begin class with a few clicker questions. More information about the materials needed for Chem 201 can be found online here:

<http://blogs.reed.edu/chem201202/books-materials/>

4. Register your clicker. Each time you use your clicker, you will be adding points to your score for Chem 201, but this will only happen if we have your clicker ID# registered in our system. Go to the following link to register your clicker before the first class:

<http://tinyurl.com/Chem201Fall14>

5. Our class is rather unusual as Reed science classes go. While I will provide some guidance every day in the form of lectures, most guidance will come in other ways: I will be writing and distributing activities at the start of each class for you to work on. These activities will help you understand key concepts, but you will also need to read the book and do practice problems outside of class in order to move from mere acquaintance with the material to mastery. In addition to constructing these activities, I will also generate supplements to the activities; these comment on the material and point you to useful readings and practice problems. I will also lead individual and group discussions in-class about the material and I will be available for consultation outside of class. This unusual style of instruction goes by the name POGIL or process-oriented guided-inquiry learning and I recommend that you read this short essay about the POGIL method before our first class:

<http://blogs.reed.edu/chem201202/about-our-classroom/>