Course Overview

Course goal: Chem 1312 provides opportunities for you to learn and/or enhance your laboratory skills. To this end, the course has a low student to TA ratio (approx. 12:1) and the lab is equipped with instruments and glassware of a superior quality. Throughout the semester, your lab work will be monitored and you will receive individual instruction when necessary. Emphasis will be placed on lab safety. To this end, you will be required to wear safety eyewear (glasses or goggles) whenever you are in lab. In addition, you will be required to wear closed shoes. Wearing an apron or lab coat is also strongly recommended.

lab notebook (numbered pages; must be able to record data in duplicate)
key-controlled combination lock (“Chemistry lock”)
safety glasses or goggles
apron (recommended)

Payments for broken or lost glassware or safety eyewear rental will be done via your BuzzCard. Please maintain a balance of $30 in your account.

WEBpage: Consult the WEBpage (www.chemistry.gatech.edu; click on courses and then on 1312) to see the schedule, policies for labwork, etc.)
**Attendance:** You are expected to attend each meeting of your lab section (beginning during the week of August 23rd).

If you know in advance that you will need to miss a lab class, discuss the situation with your TA as soon as you know about it. Your TA will determine whether or not your reason is a valid one (in which case you will be permitted to make up the missed work). Note that you can do make-up work for Chem 1312 only at times when the class meets (TWR 12-3 and 3-6).

**Participation:** Labwork is not a passive activity. You are expected to arrive at lab each week at the start of your class and to be prepared to do your work (this includes having completed the Pre-Lab Exercises in the lab manual). You will be expected to use proper laboratory techniques (with less instruction from the TA’s as the term progresses) and to give due regard to your own safety and that of all others in the lab. Be sure to give special attention to details emphasized by the TA at the beginning of the class.

**Reports:** All lab reports should be handed in at the start of the lab class on their due date. TA’s may refuse to accept late reports or may impose penalties for lateness. You must prepare your own report individually even if your data was obtained in conjunction with other student(s). Further details will be provided by your TA’s.