

**GENERAL CHEMISTRY Laboratory I CHEM 161L**  
**Fall 2011**

**Instructor:**           **H. Ng**  
                                  **Bilger Hall 208**

Teaching Assistant: As assigned to the section

The General Chemistry Laboratory will introduce you to the techniques of quantitative and qualitative measurement, to the preparation of simple laboratory reports and to the concepts of laboratory safety.

The lab manual is available at the UH Manoa bookstore:

General Chemistry Lab 161L Custom Edition for University of Hawai'i Manoa  
Pearson 2010 ISBN: 0-558-82726-8

**Safety:** All students are required to wear closed shoes, knee-length (minimum) pants/skirts and safety goggles at all time in the laboratory. Inappropriate attire will result in exclusion from the laboratory and assignment of a score of ZERO. There will be no exceptions!

Homework is due at the beginning of the class. Every lab will commence with some discussion of lecture related material and homework problems. The TAs will also go through some material with you that Prof. Kaiser and Prof. Vicic have assigned. This is meant to help you do better in the lecture material. On days that we do not do experiments these recitations will still be held.

The lab starts with a brief quiz administered by your teaching assistant. This quiz may test your understanding of the previous week's experiment and your preparation for the experiment of the day. The quiz will be followed by a brief introductory presentation by the teaching assistant after which you will perform the experiment. You are expected to remain in the lab until the experiment is complete. It is important that you are on time and that you have read the lab manual for the day's experiment.

The lab grade will be determined according to the following grading scheme:

Quiz 20%  
Homework 10%  
Experiment & Lab report 60%  
TA evaluation 10%

Lab reports are due at the beginning of the following lab period. Late reports will be penalized at 10%/day or part thereof. TAs will have your reports graded within a week to help you keep track of your progress. Your preparedness, your independence in performing the experiment, the neatness of your work area and the adherence to safety rules will be the major contributors to the TA evaluation portion of your grade.

**Absences:** Unexcused absences will result in the assignment of ZERO points to the lab. Excused absences require documentation. You will not earn a passing grade if you missed more than two labs for ANY reason, NO EXCEPTIONS.

There is NO OPPORTUNITY FOR MAKE-UP LABS.  
Class will meet during the first week of classes.