

Austin Community College
General Chemistry II Lab (CHEM 1112) Syllabus
Fall 2010 (Aug. 23 – Dec. 12, 2010)

Section number(s) Synonym(s) and Time of class:

16309 (006) Lab	M	10:35 am-1:15 pm	RGC1 318
16318 (106) Lab	W	10:35 am-1:05 pm	RGC1 318

Instructor Name: Dr. Ya-Ping Huang

Office Number: RGC 319.1

Phone Number: 223-3323

e-mail address: yphuang@austincc.edu

Webpage: <http://www2.austincc.edu/yphuang/>

Office Hours:

M: 1:20-2:10 pm

TTh: 12:00 -1:15 pm, 4:10-5:30 pm

By appointment:

M: 2:00 – 3:00 pm

T: 11:00am – 12:00 pm

Th: 11:00am – 12:00 pm

F: 9:30 - 11:45 am

Course evaluation/grading scheme

CHEM 1112 is the lab part of General Chemistry II. CHEM 1312 is the lecture part.

You must be enrolled in both CHEM 1312 and 1112.

Required Texts/Materials

1. Lab: Chemical Principles in the Laboratory, ACC Custom Edition, by Slowinski, Wolsey & Masterton.
2. A scientific calculator, to be used in lab and quiz.

Detailed lab grading:

11 Labs x 16 pts each (based on write-up, results)	176 pts
9 Pre-labs (advanced study assignment, 3 pts each)	27 pts
11 Lab follow-up questions (typed , 2 pts each)	22 pts
Discretionary points (technique, preparation, on-time record)	15 pts
? Lab quiz	60 pts

Total 300 pts

A if $\geq 90\%$ (270 points)

B if $\geq 80\%$ (240 points)

C if $\geq 70\%$ (210 points)

D if $\geq 60\%$ (180 points)

F if $< 60\%$ (180 points)

1. Pre-labs (the advanced study assignment) are due at the beginning of the lab unless instructed otherwise. You must show calculation for answers. If you have difficulty with pre-lab, you can replace it with a **typed** prelab write-up (including purpose and procedure) for reduced credit.

2. Lab report is made of the following two parts and is due at **the next lab period**.
 - The data and calculation pages from the lab book. **Data must be recorded in ink at the time of experiment**. Attach a sheet of calculation to support your answer. Make sure to have the lab instructor sign your data page when you finish the experiment. **Unsigned lab report will not be accepted.**
 - Lab follow-up questions: refer to lab follow-up questions (download from Blackboard) for each lab

Course policies

1. **Check Blackboard.** Many lab procedures are modified. They will be available on Blackboard about four days before the experiment. Please download it before lab. You will be responsible for procedure modification on lab quizzes. Your lab grade will be posted periodically on Blackboard.

2. Missed exam policy

There will be pop quizzes throughout the semester. Your lowest quiz grade will be dropped. The average of the remaining quizzes will be your quiz grade, which accounts for 20% of lab grade.

3. Policy about late work (if applicable)

Late advance study assignment will not be accepted

Late lab report will be subject to a penalty of 2 points per lab period. No lab report will be accepted if it is more than one week late.

4. Attendance policy

Students will not be allowed to participate in the lab if it's more than 15 minutes late. Students are encouraged to participate in classes and discussions. Detailed attendance records will be kept for each student. **No make-up lab will be granted.** You will get zero for a missed lab. Your lowest lab grade (out of 12 Labs) will be dropped.

5. Class Participation policy:

Students are expected to perform their own experiment (no partner) in the lab unless told otherwise. If worked together, the grade will be divided by the number of students involved.

Failure to observe lab safety rules (discussed separately) after being warned will disqualify a student for that lab period (and a zero grade for that lab).

6. Student must purchase their own ANSI approved safety goggles or safety glasses stamped with Z87 prior to the first lab work

7. Statement on Lab Safety

"Health and safety are paramount values in science classrooms, laboratories and field activities. Students are expected to learn, understand and comply with environmental, health and safety (EHS) procedures and protocols, and must agree to abide by the ACC science safety policy. Students are expected to conduct themselves with appropriate professional behavior and with respect and courtesy to all. Anyone who thoughtlessly or intentionally jeopardizes the health or safety of another individual will be immediately dismissed from the day's activity, may be withdrawn from the class, and/or barred from attending all activities. Specific safety information for each activity will be discussed at the beginning of the activity. For those activities that require specific safety training, a student who is late and misses the safety training will not be able to participate in the activity.

The comprehensive science safety policy can be found at:
http://www.austincc.edu/sci_safe/.”

8. Student Insurance Statement

- Students enrolled in lab and field courses are covered by student insurance if they are injured as a result of the lab or field activity.
- Procedures regarding student insurance will be covered in your safety training.
- If a student withdraws from class, then he/she is no longer covered by insurance