

CHM 118 General Chemistry I: Laboratory
Section 12
Summer Session I 2008

Course Information

Lab Time: 1:00-3:50 PM, Tuesday and Thursday
Lab Location: Lab 111, CFS (Chemistry and Forensic Science Building).

Instructor

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Textbook: Chemistry 118 Laboratory Manual

Teaching Assistant: Sara Henk, e-mail: srh009@shsu.edu

Course Description: Laboratory for CHM 138. Prerequisite: Prior credit for or concurrent enrollment in CHM 138. Credit 1

Prior to the Lab

Eye protection is required in all labs during every experiment. You must have a **pair of Department approved safety goggle**. Safety goggles can be purchased from the Chemistry Club (Room 310, in the Chemistry and Forensic Science Building) or home improvement stores like Home Depot. Failure to wear approved eye wear will result in expulsion from the lab and forfeiture of the lab points for that day. Also, 20% of the day's laboratory grade may be deducted for each time you are reminded to properly wear your safety goggles. **No open toe shoes or shorts allowed in laboratory**. If you do not follow these guidelines, you will be required to leave the lab and will receive a zero for that lab.

Schedule of Experiments

Lab Day	Experiment #	Title
June 5	Exp#1	Check In, Safety Rules and Policies, Basic Laboratory Techniques & Metric Units
June 10	Exp#2	Physical Properties and Chemical Changes
June 12	Exp#4	Chemical Reactions of Copper
June 17	Exp#7	Formula Stoichiometry of Copper(I) Sulfide
June 19	Exp#8	Percentage by Mass on an Unknown Mixture
June 24	Exp#11	Acid-base Titrations
June 26	Lab Final	Clean up, Check Out

Absences

You are expected to attend all labs. Due to the reduced number of laboratory times in the summer sessions, there is no allowance for absences. **Any absence will be recorded as a zero for that lab session.**

Tardiness

The nature of a laboratory class requires that you arrive on time. Quizzes are given at the beginning of the Laboratory session followed by instructions from the TA or Instructor which you will need to successfully complete the laboratory activity. **There are no make-ups for quizzes or laboratories.** Any missed lab activity will be recorded as zero.

Testing in This Course

You should read the laboratory procedure to be performed and look at the questions you will be asked to answer. It will be very helpful to consult your lecture textbook for more information. It is also important to review the previous laboratory experiments as they will be the topic for **quizzes** and the **final**.

Except for the first lab, all quizzes will be at the beginning of the lab period. If you are late and miss the quiz, you will receive a zero for the quiz. No quiz for the first day of lab.

Grading in This Course

The grade for this course will be based on **completion of the labs, lab worksheets, quizzes and the final**. Below is the break down of scores.

Completion of the labs and worksheets:	10 for each lab x 6 labs =	60
Quizzes:	4 for each quiz x 5 labs =	20
Final Exam:		20
Total		100

Grade scale:

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F