

CHM 115 Inorganic and Environmental Chemistry Laboratory
Section 11
Summer Session I 2008

Course Information

Lab Time: 1:00-2:50 PM, Monday and Wednesday

Lab Location: Room 107, CFS (Chemistry and Forensic Science Building).

Instructor

Name: Dr. Chi Chung Yu (Jorn Yu)

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Textbook: Chemistry 115 Laboratory Manual

Teaching Assistant: Emily Young, stdecy11@shsu.edu

Course Description: Laboratory for CHM 135. Concurrent enrollment in CHM 135 is recommended. 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 goggles**. 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 4	Check-In, Exp#1, and Exp#2 Quiz	The Bunsen Burner & Measuring Length and Volume
June 9	Exp#3, and Exp#4 Quiz	Measuring Density and Viscosity & Separation of Mixtures
June 11	Exp#7, and Exp#8 Quiz	Paper Chromatography & Extraction and Recrystallization
June 16	Exp#9, and Exp#10 Quiz	Calorimetry & Chemical Reactions
June 18	Exp#11, and Exp#14 Quiz	Acid and Bases & Electrolytes and Nonelectrolytes
June 23	Exp#19, and Exp#23 Quiz	Calorimetry (2) and Gases
June 25	Lab Final, and check-out	Exam on Exp 1,2,3,4,7,8,9,10,11,14,19, 23.

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 quiz, 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. The first quiz will be given at the end of the lab period.

Grading in This Course

The grade for this course will be based on **attending and completing the lab activities, quizzes and the final**. Below is the break down of scores.

Attendance and Active Participation: 5 for each lab x 6 labs =	30
Quizzes: 7 for each quiz x 6 labs =	42
Final (Exp# 1,2,3,4,7,8,9,10,11,14,19,23)	28
Total	100

Grade scale:

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