

Course Syllabus
Chemistry 115: Inorganic and Environmental Chemistry Laboratory
Spring 2008

Supervisor: Mrs. Janet Bius (chm_jhb@shsu.edu)

Text: **Chemistry 115 Inorganic and Environmental Chemistry Laboratory**

Location and Meeting Times: The labs will be in the Chemical and Forensic Sciences Building, SHSU Campus

Please refer to your schedule for your class location and time.

Course Description and Objectives

CHM 115 is the laboratory course that accompanies the chemistry course for the non-science major (CHM 135). The lab is designed to acquaint the student with the fundamental concepts of chemistry. Credit 1.

Course Requirements

Safety glasses or goggles are mandatory, and you must have your own personal copy of the lab manual. You may not share lab manuals with your lab partner, etc. You must be dressed appropriately for working in the lab which includes wearing shoes that enclose the whole foot and long pants to each lab. A TI 30Xa series calculator must be used on all exams.

Attendance and Grading

There are 17 laboratory exercises. To be consistent with University policy, a student may miss two laboratory exercises without penalty. Neither make-up labs nor make-up quizzes are allowed. If you miss more than two labs, a zero (0) will be assigned for each additional day you are absent. If you are tardy to class and miss the quiz, you will receive a zero (0) for the quiz.

A maximum of 150 points can be derived from lab participation and other class assignments. Each lab is worth 10 points. Five points of the 10 points will come from your quiz grades or assignments and five points will be earned by your participation in the lab activities.

The laboratory is one of the places where a student begins to learn professional behavior; therefore, part of the student's grade comes from "housekeeping" skills. Poor housekeeping skills and management of laboratory materials includes such things as leaving glassware out, sloppiness around the work area, and other things that the instructor feels is detrimental to the development of good laboratory skills. The above actions could result in lowered lab participation grades.

There will be two multiple-choice exams: a mid-term exam worth 50 points and a comprehensive final exam worth 100 points.

Final grades are determined by the CHM 115 Supervisor.

Points	Grade
270-300	A
240-269	B
210-239	C
180-209	D
0-179	F

Student Syllabus Guidelines

You may find a more detailed description of the following policies and specific university policies and procedures at <http://www.shsu.edu/syllabus/>

Academic Dishonesty

Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. See *Student Syllabus Guidelines*.

Classroom Rules of Conduct

Students are expected to assist in maintaining a classroom environment that is conducive to learning. Students are to treat faculty and students with respect which includes turning off your cell phone before class begins. Tape recorders, earphones, laptop computers, and any other electrical equipment are not allowed in the lab. Under no circumstances are cell phones or any electronic devices to be used or seen during times of examination.

Rules of Conduct Specifically for CHM 115

You must wear safety glasses or goggles at all times in the laboratory. You must wear shoes that enclose the whole foot and long pants to lab. You will not be allowed to participate in the lab without safety glasses and proper laboratory attire, and a zero will be assigned for that day's grade.

You must follow all safety rules found in your laboratory manual and/or those stated by your lab TA. Any infractions of safety rules will result in expulsion from the laboratory with a zero for that day's grade.

Visitors in the Classroom

Due to safety concerns, visitors are not allowed in the laboratory during class time.

CHM 115 on Blackboard

For practice quizzes, supplemental material, and announcements, login at blackboard.shsu.edu. The username is **student** and the password is **student**.

Communication

Announcements will be made during regular class time, through email, and through postings made on Blackboard. It is your responsibility to check for these announcements.

CHM 115 Fall 2008 Schedule

This is a tentative schedule and may be changed at the discretion of the Supervisor.

<u>Date</u>	<u>Experiment</u>
02/04/08-02/08/08	Check into lab Experiment 1: The Bunsen Burner - 2 Experiment 2: Measuring Length and Volume
02/11/08-02/15/08	Experiment 4: Measuring Density and Viscosity Experiment 5: Separation of Mixtures (8.1)
02/18/08-02/22/08	Experiment 7: Paper Chromatography Experiment 14: Electrolytes and Nonelectrolytes
02/25/08-02/29/08	Auxiliary Lab : Naming Inorganic Compounds Experiment 21: Flame Test for the Identification of Metals
03/03/08-03/07/08	Experiment 9: Calorimetry #1 Mid-term Exam
03/10/08-03/14/08	Spring Break
03/17/08-03/21/08	Off
03/24/08-03/28/08	Experiment 16: Measuring Water Contents of Materials Experiment 23: Gases
03/31/08-04/04/08	Experiment 3: The Concept of the Mole Experiment 10: Chemical Reactions
04/07/08-04/11/08	ACS Meeting in New Orleans
04/14/08-04/18/08	Experiment 11: Acids and Bases Experiment 24: Oxidation-Reduction Reaction
04/21/08-04/25/08	Experiment 17: Measuring the Hardness of Water Experiment 18: Preparation of Cross-Linked Polymers
04/28/08-05/02/08	Check out of lab Comprehensive Final Exam

Dropping a Course

The last day that you can drop a course without the grade of F is the day you take your first final exam. Be aware that some lab courses have early finals.

FAQs

- 1. If I am late to lab, can I still take the quiz?*
No. Once the quiz is started you may no longer take it.
- 2. Are the practice quizzes on Blackboard for a grade?*
No. They are just for practice.
- 3. I have been to every class and have done well on every quiz so why is my grade on Blackboard so low?*
Remember, the on-line quizzes are for practice and not for a grade. The only quiz grades that are used when calculating your lab grade are the quizzes given to you by your TA.
- 4. Will you post our mid-term and final exam grades on Blackboard?*
No. There are too many of you and too few of me.
- 5. When will my lab grade be posted on SamInfo?*
Your grade will be posted at the end of the semester.
- 6. Is the final exam comprehensive?*
Yes.
- 7. How do I prepare for the exams?*
You should study the introductory sections of each lab and complete the online quizzes.
- 8. What if I can't participate in lab because I ____ (fill in the blank), may I still take the quiz?*
No.
- 9. My TA said I had a(n) “_” in the class, but that is not the grade on my transcript. What happened?*
I am the person that calculates your lab course grade. There are many different reasons why they might be different. If you have a question, please send me an email with your question, and please include your name, your TA's name and your lab section with your question.
- 10. I sent you an email this morning and I still haven't received an answer this afternoon. When will you answer my email?*
There are approximately 500 students in the CHM 115 labs this semester, and depending on where we are in the semester I might have an abundance of emails to answer. Also, some of your questions need to be thought about before I answer or I might need to speak to your TA before I can answer so please be patient. If a reasonable amount of time has passed and I still haven't responded, then send another email. I am almost perfect but not completely perfect so I sometimes make mistakes (just sometimes).

Go Bearkats!