

CHEM 4010/6010-Laboratory Syllabus

Spring 2014

Instructor: Dr. Yanyi Chen

Email – ychen46@gsu.edu

When sending an email, under the "Subject" heading, please state your class and section or your email may be interpreted as "SPAM".

Office: Kell Hall 694

Office Phone: 404-413-5511

Office Hours: Thursday/Friday 12:00 - 1:00 pm by appointment only

Laboratory: Monday (starting 01/13/14) 11:00 am – 2: 15 pm

Pre-lab 11:00 am – 11:30 am (NSC 242)

Lab 11:30 am – 2:15 pm (Natural Science Center 246)

Laboratory: Students will be provided with state-approved safety glasses at check-in as part of the lab fee to be used on the first day of lab. A laboratory manual will be provided during the first prelab lecture.

Students who fail to attend the first laboratory session may LOSE THEIR SPACE IN LAB. If lab space is lost, the student will have to WITHDRAW FROM THE COURSE (i.e both lab and lecture).

Class Attendance: Students are expected to attend all laboratory sessions. There is no allowance for an exemption from any chemistry experiment.

Make-up Labs: Permission to make-up a missed lab will be granted for EXCUSED absences only. Students must send email to your lab instructor immediately when missed lab happened in order to arrange a substitution lab. Students must make-up a lab within one week of the scheduled lab time and prior to the week of lab final exams. Written permission form from your lab instructor is required to make-up a missed lab. Students must notify the instructor who is going to give the make-up lab before taking the missed lab.

Late Assignments: Late assignments will be penalized 2 points.

LAB MANUAL CORRECTIONS CHEM4010/6010

Lab Schedule and grades (page 4-5)

Lab session	Excercise	Report	Report Due
1	GC1	No report	
2	GC2	Formal Report#1	
3	GC3	Formal Report#1	
4	GC4	Notebook Report	Formal Report#1
5	GC5	Formal Report#2	
6	GC6	Formal Report#2	
7	GC7	Formal Report#2	
8	GC8	Formal Report#2	
9	TLC	Formal Report#3	Formal Report#2
10	HPLC1 (Aspirin)	Formal Report#4	Formal Report#3
11	HPLC2 (Benzene)	Notebook Report	

Notes:

- All experiments have to be entered in bound notebooks at the time of the experiments. Entries should include all relevant data, information and short description of the experiment and its goals.
- Digital data must be saved offsite as well and be available upon demand by the instructor for full credit.
- Formal report format should follow ACS guidelines (see CHEM4000).
- Notebook report means a shorter handwritten version. Figures can be pasted if necessary. Presenting only data is not suitable for credit for notebook reports.
- Each formal report is worth 100pts. Notebook reports together 100pts. Notebook itself 50pts, total 550pts for the lab.
- Completed notebooks including notebook reports and Formal Report#4 are due on the last day of classes for the class portion of 4010/6010
- Report delay penalty: 2 pts each workday delay (max per week: 10pts)
- Reports cannot be redone, except for Formal Report#1 at the instructor's sole discretion
- HPLC exercises need to be scheduled for smaller groups. Accordingly the lab section will be divided into two. Sign up sheets will be supplied by lab personnel. Hence each subgroup will have a week on – week off schedule. However Formal Report#3 is due on Week 10 no matter how the student is scheduled for HPLC exercise.