

**Chem 100**  
Fall

**Lab Schedule**  
2000

	<b>Week of:</b>	<b>Experiment</b>	<b>Title</b>	<b>Work Due:</b>
1	Aug. 28	<b>NO LAB</b>	1st week of classes	
2	Sept. 4	<b>NO LAB</b>	Labor day holiday	
3	Sept. 11	Check-in	<i>Check-in/Lab safety</i>	
4	Sept. 18	The Scientific Method	A training workshop	<i>Notebook carbon copies(cc)</i>
5	Sept. 25	Assignment #1	Pennies	<i>Poster presentations, cc</i>
6	Oct. 2	Measurement	A training workshop	<i>Report #1, cc</i>
7	Oct. 9	Assignment #2	Unknown chemicals	<i>Measurement Worksheet, cc</i>
8	Oct. 16	<b>NO LAB</b>	<i>Fall Break !!!!!</i>	
9	Oct. 25	Assignment #3	Sugar in Beverages	<i>Report #2, reflection questions, cc</i>
10	Nov. 1	Assignment #4	Separating Mixtures	<i>Report #3, cc</i>
11	Nov. 8	Assignment #5	Water Quality Conference	<i>Report #4, Poster presentations</i>
12	Nov. 15	Assignment #5	Water Quality Tests	<i>cc</i>
13	Nov. 22	<b>NO LAB</b>	<i>Thanksgiving</i>	
14	Nov. 29	Moles	A training workshop	<i>Report #5, cc</i>
15	Dec. 6	Assignment #6	Acid/Base titrations	<i>cc</i>

EMORY UNIVERSITY



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## **Chemistry 100 Laboratory Grading Policies**

- 10% Pre-lab quizzes
- 20% Notebook carbon copies
- 60% Lab reports and group presentations
- 10% Instructor evaluation

### **Pre-Lab Quizzes**

You must come to lab prepared. To prepare for lab you must read the assignment and any background information or required reading- BEFORE LAB!!! The lab is student centered which means YOU the students, are responsible for understanding the background information and performing each experiment. If you do not do the required reading before lab, this is impossible. Lack of preparation creates confusion and frustration. To help you avoid this, a pre-lab quiz will be given at the beginning of each lab. If you are late and miss the quiz, you will receive a zero for the quiz and may not be allowed to participate in lab.

### **Notebook Carbon Copies**

It is important to keep a clear, legible record of the work you do while in the laboratory. It should explain what you planned to do, what you observed, any changes to your plan, results, and any necessary calculations. After the experiment has been finished you should write a short summary statement. Before you hand it in, ask yourself if someone not taking the lab could read your notebook and understand what you did and what your results were. The carbon copies of the laboratory notebook write-ups will be turned in before you leave the lab.

### **Lab Reports**

A 1-2 page report will be required for the assignments (6 of the 10 lab sessions). These reports should be written using a word processor. Do NOT wait until the hour before lab to write and print these reports since they constitute the majority of your laboratory grade. Write them as soon as possible after the laboratory session so that you can allow yourself time for reflection and revision. Make an outline of the important points that you must cover in explaining what you did and what the results were; then use as much creativity as possible!!! Make sure and print out the lab reports the night before your report is due. Do not wait until just before lab to print your report- you would be surprised by how many printers fail to operate just before lab begins! If you do not hand in your work at the beginning of the lab session it will be considered one day late. Late reports lose one letter grade per day.

### **Instructor Evaluation**

Because this is a student-centered laboratory your attitude and performance can affect the other students. During the course of the semester the lab instructor will evaluate you in

the following areas: attitude, being prepared, being on time, following the safety rules, working efficiently, finishing on time, and leaving the lab clean. The evaluation score will range from 0-100 points. Most students can expect to earn a score of 85. Exceptionally courteous, well prepared, and efficient students can expect higher evaluation scores. Rude, quarrelsome, and unprepared students can expect lower scores.

**\*\*\*10 POINTS WILL BE DEDUCTED FROM EVERYONES' LAB GRADE IF THE LAB AREAS AND THE BALANCES ARE LEFT DIRTY. CLEAN UP AFTER YOURSELF AND REPORT ANY SPILLS TO THE INSTRUCTOR IMMEDIATELY.**

# LABORATORY REGULATIONS

## CHECK IN/ CHECK OUT

After check in students are financially responsible for assigned glassware and other lab supplies. The money to cover breakage, loss, and damages will be collected during the check out period.

## ATTENDANCE

Each student is expected to attend lab on his/her assigned day and to be punctual. A student who comes in late may be refused permission to work that day and may be counted absent.

**Lab attendance during you assigned scheduled lab time is mandatory.** There will be no make-up sessions for lab. In the event of extenuating circumstances (e.g. a serious illness) arrangements to attend another lab session may be made. It is the students responsibility to let the instructor know **PRIOR** to the missed lab of any extenuating circumstances. **If this procedure is not followed the student will receive a zero for that lab.**

You must pass both the lecture and the laboratory to pass Chem 100. A student who misses more than three experiments will receive an F in the lab component and consequently an F in the class.

## HONOR POLICY

During a lab session students are encouraged to discuss the experiment with others to promote understanding and exchange ideas. **Lab reports and question sheets (including calculations) are expected to be your own work!!!** Collaboration on lab reports is a violation of the Honor Code and will be reported to the honor council. It is also a violation of the Honor Code to copy any portion of a report from a previous semester's report. Students who are found to have violated the honor code will receive an automatic F in the course and may be suspended or expelled.

## SAFETY

- Safety glasses must be worn in the lab.
- No sandals or open-toed shoes.
- Tie back long hair.
- Never taste anything.
- Never eat or drink in the lab.
- Never perform unauthorized experiments.

**Think about what you are doing at all times!!!**