

**CH 109, Intro to Chemistry Lab**  
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**Portland State University**  
**Spring 20110**

**Description:**

CH 109 is the laboratory associated with the CH 106 Intro to Chemistry lecture. Concurrent enrollment in 105 is expected.

**Lab Manual:**

Lab Manual for Chemistry 109 available in the Bookstore

**Materials:**

You will need chemical splash safety goggles. These are available from the stockroom (\$6.50) or the bookstore.

**Grading:**

The laboratory is graded on a Pass/No Pass basis. An average of 75% of all points available in the lab is required to pass. Laboratory reports are due at the beginning of the lab period following completion of the experiment. Each lab will be worth 40 points.

**Prelab Exercises:**

Prelab assignments are included in the lab manual. You should answer any questions presented and prepare for the weeks lab before your lab meeting. Pre-labs are due at the **beginning** of the lab period. Each prelab assignment will be worth 10 points.

**Attendance:**

Attendance in this lab is mandatory.

**YOU MUST ATTEND ALL SCHEDULED LABORATORY MEETINGS.** If you are not able to attend lab you must notify your laboratory instructor as soon as possible. For a missed lab meeting you **must** make up the missed lab time during the make-up. The make-up laboratory will take place during week 10 of the quarter, during the regularly scheduled lab period. **If you miss two or more labs your grade will be a NO PASS.**

## LAB SCHEDULE

Week		Comments
1	Lab check-in	
2	Alcohols and Phenols	
3	Aldehydes and Ketones	
4	Tests for Carbohydrates	
5	Peptides and Proteins	Skip part E.3
6	Enzymes	
7	DNA Components and Extraction	Skip part B.2 if no microscopes are available
8	Digestion of Foods	Part A has already been completed in Lab 3
9	Analysis of Urine	
10	Make-up labs	<b>Lab Check out</b>

### Lab Reports:

Laboratory reports are due at the beginning of the lab period following completion of the experiment.

### Prelab Exercises:

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