

<h2 style="margin: 0;">PHYSICI 101 Lab Syllabus</h2> <h3 style="margin: 0;">Spring Semester 2012</h3>
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**Instructor:** Teresa Ciardi

**Attendance:** You are allowed to miss four lab experiments; if you do not miss any lab experiments, then four lab experiments will serve as extra credit and can boost your total lab percentage. If you arrive late, then **1 point will be deducted for every 5 minutes you are late**. If you leave before everyone in your group is done, then **1 point will be deducted for every 5 minutes your group remains after you have left**.

**Important Note:** we may occasionally begin lab early if we finish lecture early.

**Laboratory:** You will be working in groups; groups will be randomly changed throughout the semester. Each person in a group is expected to participate and contribute to the experiment. If you are observed to be simply copying the work of others, you will be removed from the group to ensure your full participation. All labs are to be completed in class, in the composition book. Labs will be completed as a group, and graded individually.

**Laboratory Safety Guidelines:** You will be held accountable for all laboratory safety guidelines.

**Classroom Behavior:** The basic rule for behavior in the laboratory is to be respectful to your classmates and instructor at all times. Use of electronics, speaking while your instructor is speaking, sleeping, and rude comments, are a few examples of behavior that is not respectful of others and will result in your immediate removal from the class. Any student removed from class will be reported to COC officials and will not be allowed to return until cleared by Student Services (Administration Building room 109).

**Grading:** During each laboratory, you can expect to complete 1-2 experiments. Missed labs will receive zeros; there will be no make-up labs. Each lab experiment is worth **10 points total**. Criteria used to evaluate labs include:

<b>6 points possible</b>	Lab composition book must be neat, complete, and easy to follow. If I cannot read or follow your lab composition book, it will not be graded.
<b>2 points possible</b>	Student participated fully in the execution and completion of the experiments, and station is clean.
<b>2 points possible</b>	Daily quizzes will be based upon data, problems, concepts, and questions addressed in the most recent lab experiments. You must be present to take the quiz.

## How to Write-Up Experiments in your Lab Composition Book

- 1) Begin each lab class by writing the **date at the top** of a new page.
- 2) Write the **title of the lab experiment at the top** of the page, near the date.
- 3) Complete **preliminary questions** or **predictions** when asked.
- 4) Write the word “**Procedure**” and record any relevant information as you proceed through a lab experiment.
  - Write down what is observed
  - Record measurements
  - Use a table whenever possible
  - Show all work for a calculation. If the calculation is repeated several times, you only need to show the work for the calculation once.
- 5) Write the word “**Questions**” and answer all general questions.
- 6) Have your lab composition book and your lab station checked by your instructor before you leave.

*If there is time remaining after all members in your group have finished the lab experiments, I will be available to help you with homework, or with material that you are having difficulty understanding, until the end of the lab period.*