Fill in the spaces below for your section during the first day of lab:

Section & Time: R22 meets at 3:00 pm
Professor: 
Contact Info: 
Meeting Location: Freeman B08
Required Materials: *Physics II Course Pack*, purchase in Freeman 208
Lab notebook (*NOT* a collection of loose-leaf paper!)
Recommended Materials: USB flash drive, calculator

This lab is meant to act as both an extension and a supplement to the lectures for Phys 1502, 1602, and 1702.

**Grade Policy:**

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<th>Lab reports: 80%</th>
<th>Final: 20%</th>
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**Preparation for the experiment**

- Thoroughly read the lab manual for a given experiment before coming to lab.
- There will be exercises for each lab that you must turn in at the beginning of lab.
- We will have a pre-lab lecture to “fill in the gaps” of your pre-lab reading.

**Lab Reports**

- Out of 11 labs for the semester, the lowest non-zero lab report will be dropped. (Lab reports *not turned in* will count as zeros, and thus not dropped.)
- The lab reports are the most important part of the course, and must be turned in *at the beginning* of the following lab.
- Follow the guidelines in the Physics I lab manual for the reports, most importantly that each student must turn in *his/her own work*.

Obviously you may encounter technical difficulties (computers crashing, printers not working, *etc.*), but you should anticipate that such problems may occur. That is,

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1 If you need another copy of these guidelines, ask your instructor.
1 Standing Waves
2 Optics I: Refraction, Reflection, and Polarization
3 Optics II: Lenses
4 Laser: Interference and diffraction
5 Atomic Spectra and the Grating Spectrometer
6 Equipotentials and Electric Fields
7 DC Circuits and Ohm’s Law
8 RC Circuits
9 Alternating Current (AC) Measurements
10 Faraday’s Law
11 Charge-to-mass ratio ($e/m$) of an electron