Physics 222 Recitation & Lab  
Section 010 Spring 2008

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Recitation: Nielsen 306 2:35-3:25pm Th  
Lab: Nielsen 510 3:35-5:30pm Th  
Office Hours: 11am-12pm Mon, 3-5pm Tue, Fri by arrangement  
Tutoring Hour: Nielsen 201 (Tutorial Center), 1:15-2:25pm Mon

Recitation:  
The goal of this meeting is to learn physics concepts and problem solving skills in a small group setting. This is the time to ask any questions you have about topics in class, homework, etc. I will begin by quickly reviewing a topic and then work related problems. These questions will be similar to ones from homework, tests, and the MCAT.

Lab:  
Skim the manual, especially the theory and equipment setup, before coming to lab. At the beginning of lab, I will quickly explain the experiment and note any specifics about the equipment. Please wait until I am finished before beginning the experiment. You will be working with a partner while in lab, but you will each turn in your own work for lab reports.

Attendance:  
Attendance is required at recitation and lab. You may miss one lab/recitation day for any reason you prefer, no explanations required, so use your absence wisely. Please notify me as soon as possible so that arrangements can be made to make up the lab or turn in data/reports. According to university policy, 2 or more absences result in failure of lab.

Grading:  
70% Laboratory Reports  
You must write a report for the following labs: Electric Fields, Resistance vs. Temperature, e/m ratio, RC & RL circuits, and Photoelectric effect (see schedule for dates). Each report is due 1 week after the experiment at the beginning of lab. See the attached “Rules” for more information about the format of the report and data. 10 points per calendar day will be deducted for lateness.

30% Data and Questions  
For the seven remaining experiments, you must turn in the data you compile along with a few questions/problems I will assign. This data should follow the guidelines mentioned in the “Rules” for reports (i.e. graph axes should be labeled correctly, etc.). I will drop the lowest grade.