Physics 231b Lab Information
Fall 2008

TA: Abigail Gaddis (Abby)
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Office Hours: 10am-12pm, 1-3pm Wed & Thurs; Mon & Fri by arrangement
Tutoring Hour: Nielsen 201 (Tutorial Center), 3:20-4:20pm Weds

Laboratory:
Skim the manual, especially the theory and equipment setup, before coming. I will give a few quizzes about simple concepts related to the lab to check that you are reading beforehand. I will begin by quickly reviewing the quiz and/or topic applicable to the lab at hand. Please feel free to ask relevant questions. Then I will briefly explain the experiment and note any specifics about the equipment. Please pretend to pay attention, don’t talk on your cell phone, look mildly interested, and 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. Plagiarism (of classmates or anyone else) will not be tolerated. Please email me or see me during my office hours to ask any questions you have about homework problems or concepts not relevant to the lab at hand.

Attendance:
Attendance is required at lab. You may miss one lab without an excuse, and you do not have to make it up (it will be a dropped data grade). However, please notify me as soon as possible so that arrangements can be made for turning in work. According to university policy, 2 or more absences result in failure of lab.

Grading:
50% Laboratory Reports
You must write a report for the Electric Fields lab. Then you will write two other reports on labs of your choice, see schedule. Consider your other classes’ requirements when choosing which reports to write. Each report is due at the beginning of the following lab. See the Example Report 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 nine remaining experiments, you must turn in the data you compile in lab. This data should follow the guidelines mentioned in the Example Report. I will drop the lowest grade.

20% Quizzes
These conceptual quizzes will induce you to look over the manual before coming to lab and asking me the same questions over and over. They will be straightforward and concept-oriented. I will drop the lowest grade.