Physics 4410/6510  Spring 2009

Teaching Staff:

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Prof. McEuen is in charge of all administrative matters.

Lab Director:

Nick Szabo 308 Clark Hall 255-2374 ns53@cornell.edu

Times:  Lectures: Monday 2:30-3:20 115 Rockefeller
Lab: Third Floor, Clark Hall
Instructors present: Tuesday, Wednesday 1:25-4:25 PM
Lab open 8:30 AM – 5:00 PM Monday-Friday

Schedule conflicts: You must be able to attend lectures, all of one lab period, and part of the other lab period.

Credits: Physics 410 students are expected to do at least 5 units and Physics 510 students are expected to do at least 6 units. Physics 400/500 students should make arrangements with Prof. McEuen.

Assignments to labs: Assignments to new experiments will be made by Prof. McEuen. Before you start a new experiment, your instructor must sign your “Driver’s License” and check you out on the safe operation of the equipment before you turn anything on. The instructor must also sign you out of the experiment before you can sign up for the next one. As soon as the instructor in charge of your experiment agrees that you have completed the data taking for the experiment and signs your notebook and “Driver’s License,” you can sign up for your next experiment.

Physics 410/510 Lab DEADLINES

Sign up for 1st Experiment             Monday 1/19/09
1st Lab Report                          Monday 2/23/09
Sign up for 2nd Experiment             Tuesday 2/24/09
LAB CLOSED DURING SPRING BREAK
2nd Lab Report                          Monday 3/30/09
Sign up for 3rd Experiment             Tuesday, 3/31/09
3rd Lab Completed—LAB CLOSES           Friday 5/1/09
3rd Lab Report                          Wednesday 5/6/09
Final 1/2 hr. Oral Exam                 Thur 5/7/08 and Fri 5/8/09 (Tentative dates)
Physics 410/510 Monday Lectures (2:30 - 3:20 p.m., Rockefeller 115)

TOPICS ARE ALL TENTATIVE

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<td>Labs: Measurement Techniques II</td>
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<td>Labs: Statistics and Errors</td>
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Lectures are required. If you miss a lecture, you are still responsible for the content.

Office Hours: In addition to the normal laboratory class hours, each instructor will be available for one hour each week for individual instruction and consultation at times to be listed on the information board in the laboratory, and/or by arrangement.

Grading: Labs: 85% of grade, both the report, your lab skills/etiquette, and lecture participation. Oral final: 15% of grade. (Oral exam covers the basics of the labs you performed, plus lecture material.)

Final Note: The deadlines listed on the previous page are firm deadlines. There will be a steep grade penalty imposed on late reports. (Starting at 10% off and increasing rapidly.)