Lab Instructor: Paul Drazba, Nielsen 603, Email: pdrazba@utk.edu

Tutorial Center Hour: Wednesdays 1:15-2:25 PM, Nielsen 201

Office Hours By appointment. Email me at pdrazba@utk.edu anytime.

Textbook: “Contemporary Introductory Physics Experiments,” by Dr. Parks

Lab Schedule:

08/24/10 ................................................ Electric Fields
08/31/10 ................................................ Ohm’s Law I
09/07/10 .............................................. NO LAB
09/14/10 ................................................ Ohm’s Law II
09/21/10 ............................................... Wheatstone Bridge
09/28/10 .............................................. Resistance vs. Temperature
10/05/10 ............................................... Electrical Energy
10/12/10 .............................................. e/m ratio
10/19/10 ............................................... Ampere’s Law
10/26/10 ............................................... Oscilloscope
11/02/10 ............................................... RC and RL Circuits
11/09/10 ............................................... AC Circuits I
11/16/10 ............................................... AC Circuits II
11/23/10 ............................................... Lab Makeup

Grading Policy:
At the end of the semester, a lab grade will be assigned for each student. The grade will be determined by the ratio of the number of points earned to the number of total possible points. Each lab report will be worth 20 points: 10 points for the report, and 10 points for the assigned post-lab questions. There will be no lab final, tests, or quizzes.
Guidelines for Reports:

Your lab report should contain the following:
1. Your name, your partner’s name, a title, and date.
2. The purpose of the lab. What is the lab designed to demonstrate, and how?
3. The raw data. Don’t forget units!!!
4. Any calculations or graphs you made.
5. A conclusion, telling whether your particular experiment was successful or not. If not, why? What possible errors could have come into play?
6. Your answers to post-lab questions.

What I expect from you:

I expect you to read through the lab in the book before coming to class.
I expect you to show up for lab on time and to turn your reports in on time.
A little patience. There is one peculiarity to this course and it’s that the labs and lectures don’t really sync up.

What you can expect from me:

You can expect your reports to be graded and returned to you in a timely fashion.
You can expect my assistance in all aspects of the lab.
You can expect my help with any questions you may have about the course material.
Feel free to email me any time with any questions you may have.

ADA Accomodations: Any student who, because of a disability, may require special arrangements in order to meet course requirements should contact me as soon as possible to make necessary arrangements.