Physics 232 Lab Syllabus for Spring 2010

• **Course Information** PHYS 232 lab consists of a lab session approximately 2 hours in length, held every Monday in Nielsen 508 from 4:40-6:35.

• **Instructor Information** My name is Paul Drazba, and I am a GTA. My e-mail address is pdrazba@utk.edu, at which you can feel free to contact me at any time. I can be found in Nielsen 201 on Wednesdays from 12:15-1:20, or you can e-mail me to schedule a meeting with me.

• **Labs** The labs are an important aspect of the course, and can be a powerful learning tool. You get to experience the physics concepts that you discuss in lecture first hand in the lab. Your lab reports are due at the beginning of the next week’s period.


• **How Your Lab Grade Is Determined** It is important that you strive to attend all of the labs; however, I understand that issues can arise and that you may have to miss a day. There is a period scheduled at the end of the semester for lab make-ups. However, we can also schedule to meet and make-up any lab outside of the regular time at our mutual convenience. Your lab grade will consist of graded reports and assigned questions. Each student will have the opportunity to earn 10 points per lab report and 10 points per set of questions. Final lab grades will be determined by the percentage of points earned to possible points.

• **Your Lab Report Should Contain:**
  1. Your name, your partner’s name, and title and date of experiment.
  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 you felt your particular experiment was successful, or if it was flawed (and why this problem arose).
  6. Any post-lab questions that I assign.

• **Students With Disabilities** If you have any disabilities that you think that I should be aware of, please let me know and we will arrange to discuss this in private and provide you with the necessary accommodations.
• Other Stuff

It is important to be on time to each lab period.
Read the day's lab thoroughly beforehand.
You are encouraged to work with your lab partner on your reports and questions, and ask me questions about any point you may not fully understand.