PHY 231 Laboratory
Spring 2010
Syllabus

Course Time: Tuesday, 8:00-9:55 A.M.
Location: 510 Nielson Physics Building
Required Text: *Contemporary Introductory Physics Experiments*, by Dr. James E. Parks

Instructor: Austin Harris
E-mail: jharr100@utk.edu
Office: 609-8 Nielson  Office Hours: Tuesday, 10:00-11:00
                                  Wednesday, 10:00-11:00
2nd Floor Tutoring Center: Monday, 2:20-3:30

Course Description: This course is designed as a supplemental laboratory to the PHY 231 course. The purpose of this lab is for you to gain experience with scientific apparatus, proper data analysis, written communication, and to reinforce the theory of the lecture portion of the course with experimental results.

Laboratory: You are expected to have read any upcoming experiments prior to arriving at the time of the lab. This will greatly benefit your understanding of the experiment, as well as save time. You will work with in groups of two and rotate the experimental tasks so that each individual is familiar with all aspects of the experiment. Upon completion of the experiment, ask the instructor to review your data sheet(s). EACH student must turn in their OWN lab report with their OWN data sheet(s) at the beginning of the following week's laboratory. No food or drinks are allowed in the laboratory.

Lab Report: Prior to each week's experiment, you are expected to turn in the previous week's lab report, written in the form of a technical write-up. You may turn it in at the beginning of the lab or in my mailbox next to the 4th floor main office before the beginning of the lab.

Attendance: Lab attendance is mandatory. You are expected to attend each laboratory and do all experiments in your assigned section. If you have a special circumstance where you know you will not be able to make it to the lab, let me know at least one week in advance and I may allow you to attend my other section.

Grading Policy: Lab reports will be graded on a 100-point scale and weighted evenly, with deductions made for errors and/or omissions. Your final grade for the laboratory will be derived from the average lab score. Cheating will not be tolerated and any plagiarizing/copying will result in a zero for that lab report. If it happens more than once, further action will be taken.

Missing Reports: If you do not attend the laboratory, you can not turn in a report for that week's lab. The lowest lab grade will be dropped at the end; therefore, there will be no make-up labs.

Late Policy: There will be a ten point deduction for every day the lab report is late.