

Syllabus for Physics 27 Lab

Instructor: Michael Good

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Office Hours: tentative

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Required book: Physics 27 Lab Manual This is the Course Pack from campus bookstore. For general laboratory guidelines, see the Introduction section of the lab manual.

Optional reference: Data Analysis by William Lichten. This book corresponds to the FitHaven Excel templates - see below.

Visit this site:

www.physics.unc.edu/labs

FitHaven Excel templates can be downloaded for data analysis at this address. The grading rubric and a sample exam is here.

Lab Reports and Grading: Grading will be based on the standard rubric for the intro physics labs that is on the website. Focus on:

- ability to justify results
- reasoning for discrepancies from predicted results

Reports must be typed, except for equations, which must be in easy-to-read handwriting, or in L^AT_EX.

Policy on Late Lab Reports: Lab reports are due the following lab period, usually one week after the experiment is performed. Late reports without prior approval are subject to a harsh penalty, and I reserve the right not to accept them.

Computer Lab: Phillips 245

Combination to door: 4-25-13

Username: phys27

Password: *Voltage = Q/C* (case-sensitive, no spaces)

Items to bring to lab

- Pre-lab assignment, pen, calculator, lab manual.