

Fordham University

Spring 2008

PYRU 1512: General Physics – II: Laboratory: Sec. 5

Classroom: Room B08, Freeman Hall

Laboratory: Thurs. 10:00 p.m. – 12:00 p.m.

Instructor: Kunal Das

Office: 210 Freeman Hall

Phone: 817-4181

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Office Hours: Tue. 2:00 – 4:00 p.m., Thurs. 12:00 – 2:00 p.m.
or walk in any time I am in my office

Textbooks: *Laboratory Manual for General Physics*, Physics Department Fordham University

Before Each Lab: Students are expected to read the lab manual for the particular experiment to be done before coming to the lab. Bring a calculator.

Grading:

Lab Reports:	70%
Quizzes:	15%
Final:	15%

Lab Reports: *Simply doing a lab will get no credit without a lab report submitted.* The original data sheets should be attached in the reports and should *be initialed by the instructor* after finishing the experiment and before leaving the lab. Data should be presented neatly in a tabular form and the listed quantities named and their units shown in the header of the table. Plots and graphs can be made by hand on graph paper but preferably in Excel; in either case, axes labels and units should be clearly indicated. Error analysis, interpretation of data and conclusions drawn are of key importance. Except for mathematical calculations, tables and graphs, everything else has to be typed in Word.

Quizzes: In general a short quiz will be given at the beginning of each laboratory period. It will test knowledge of the previous lab and familiarity with the lab manual for the current lab.

Final: There will be a final exam which will test the knowledge of analysis of experiments and will *not* involve doing any actual experiment.

Policy on Late Reports and Missed Labs: Lab reports are due at the beginning of the next lab period in the following week. A 5% reduction in credit will apply for *each* day of late submission beyond the due date, *up to* a week. Reports will *not be accepted if submitted later than a week* from the due date. *Laboratory attendance is mandatory and attendance will be taken.* Only in the case of a documented emergency, arrangements will be made for a make-up lab.