

PHYS 122 LABORATORY *Syllabus*

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ATTENDANCE

Attend and complete each lab!

If necessary, you can attend another lab section, but prior arrangements must be made.

There are two make up days for any excused absence. (They are Oct 17 and Dec 5.)

Arrive at each lab on time!

There is a 25% penalty for any student more than 10 minutes late.

LAB REPORTS

Complete a lab report for each lab!

Each lab report is due at the beginning of the following lab session. The first report is due September 19.

During weeks without lab, please bring your reports to discussion.

Late labs will be accepted with a 25% penalty.

LAB REPORT FORMAT

A lab report consists of five sections:

Introduction	10 points	
Procedure	10	
Data	10	
Data Analysis		(These two sections are worth a
Questions & Conclusion		combined 20 points.)
Total	50	

PRE-LAB

Complete the pre-lab before entering lab!

The introduction and procedure make up the pre-lab. They are due at the beginning of lab. If possible, type the pre-lab in a word-processor.

Don't do the pre-lab questions in the manual!

(1) **INTRODUCTION** Brief summary of physical concepts that will be explored in lab

(2) **PROCEDURE** Description of how concepts will be tested & a brief outline of the experimental procedure

(3) **DATA**

Record data in an organized fashion!

Any measurement must include uncertainty & units!

Have TA initial data before leaving!

(4) **DATA ANALYSIS**

Any data analysis in the lab manual & any other analysis assigned by TA

(5) **QUESTIONS & CONCLUSION**

Any questions at the end of the lab manual & any other questions assigned by TA

A brief summary of your results and concepts used in the lab

On lab report, include:

your name, partner's name, experiment title, & lab section!
