

General Physics 1 Laboratory(Fall 2005)

W: 1:00-3:00

R: 10:00-12:00

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This course is designed to allow you to experience for yourselves, the concepts taught in the General Physics 1 lecture. The grade for this course is separate from the lecture grade. Each week you will work with a different partner to make measurements, plot and analyze the data, and make comments on your results. Before coming to class, you must download a copy of the writeup from the Physics course website. At the end of the lab, you will turn in a single Answer Sheet, for which you and your partner will share a common grade. I will be looking mostly for well thought-out comments and explanations. Hints for a good grade: **READ THE LAB WRITEUP BEFORE COMING TO CLASS**. The labs can be challenging, and I will not always give you direct answers to your questions if the answer is found in the lab writeup. Thus, it will save you valuable lab time if you can start to answer some of the questions, or think about them before coming to the lab.

You must complete your lab writeup in class; no one will be allowed to complete the lab writeup at home. If you happen to finish early, you should try the extra credit challenge questions.

Each lab counts 1/10 of the total grade. The course letter grade will be determined on a curve. If you miss a lab and have an excused permission from your Dean, you will be allowed to make up the lab – you will receive a zero for the lab without a permission from your Dean. If you know that you will be missing a lab, please talk to me ahead of time.

<i>Week</i>		<i>Topic</i>
1	08/31/05	NO LAB
2	09/05/05	Introduction
3	09/12/05	1D Motion
4	09/19/05	Projectile Motion
5	09/26/05	Vector Nature of Forces
6	10/03/05	Atwood's Machine
7	10/10/05	No LAB – Columbus Day Week
8	10/17/05	Momentum & Energy in Collisions
9	10/23/05	NO LAB
10	10/31/05	Static Equilibrium
11	11/07/05	Rotational Dynamics
12	11/14/05	Simple Harmonic Motion
13	11/21/05	NO LAB - ThanksgivingWeek
14	11/28/05	Standing Waves
15	12/05/05	NO LAB