

# **PHYSICS 201 LABORATORY – FALL 2008**

## **HOWDY-**

Welcome to Heldenfels Hall, where all Physics 201 Lab sessions will meet. Your main contact in Heldenfels is the Physics Lab Center (PLC) in room 207. If you cannot locate your assigned lab room (or recitation room), the staff in the Physics Lab Center will gladly assist you. They will also help in contacting your lab instructor if he/she does not show up for your session. The recitation and lab room assignments are posted in the glass case outside room 207.

A lab schedule for the laboratory sessions is attached below. This lab schedule lists the order of experiments, the meeting times and locations of the recitation and the laboratory rooms. Note that the lab session is 3 hours. All sections will meet in room 121 for the first hour (recitation), and then go to room 219 or 220 for the next two hours (laboratory or exam review). On the schedule, (121/219) refers to the recitation room 121 and the lab room 219.

Recitations will meet on the first floor of Heldenfels and lab sessions will be on the second floor.

## **BEFORE ATTENDING THE FIRST LAB SESSION-**

You will need to buy the required lab manual [ Laboratory (Kinematics) Experiments for Physics 201 Eleventh Ed. - published by Hayden-McNeil] and take it to lab on your first lab meeting. This lab manual is available in most local bookstores. A thumbnail image of the cover of the lab manual is shown on the home page of this site. This edition will have a beige color stripe on the bottom of the front page (not black as shown on this thumbnail image).

Read the scheduled experiment write-up in the lab manual before the lab meeting. It will be easier to do the lab if you are already familiar with the instructions in the lab manual.

## **AT THE FIRST LAB MEETING-**

Meet your TA.

He/she will discuss all the rules and regulations of the lab course during the first lab meeting.

Also:

You will fill out the safety contract for the lab course. Read it carefully. It refers to the safety rules such as **NO FOOD OR DRINKS ALLOWED IN THE LAB ROOM** and the penalties for breaking the rules. (This means do not bring drinks/food into the room.)

The TA will discuss the pre-lab quiz.

The class roster will be checked. (You may not attend lab if you are not registered for the course. If you are not listed on the roster, contact the Phys office to verify enrollment.)

The TA will give instructions on how the lab reports are to be written, graded, turned in and returned.

The TA will discuss the rules concerning make-up lab for excused absence, but note that only one lab is allowed to be made up.

## PHYSICS 201 LABORATORY SCHEDULE FALL 2008

WEEK OF	RECITATION/EXPERIMENT
Aug 25-29	No recitation – No lab (first week of class)
Sept 01-05	Recitation – 1. Error Analysis
Sept 08-12	Recitation - Exam review
Sept 15-19	Recitation – 3. Acceleration of Gravity
Sept 22-26	Recitation – 7. Centripetal Force
Sept 29- Oct 03	Recitation - Exam review
Oct 06-10	Recitation – 6. Elastic Collisions
Oct 13-17	Recitation – 4. Static Equilibrium
Oct 20-24	Recitation – Exam review
Oct 27-31	Recitation – 8. Simple Harmonic Motion
Nov 03-07	Recitation – 9. Vibrating Strings
Nov 10-14	Recitation – Make-up lab (#11), for <u>one</u> missed exp only
Nov 17-21	Recitation – Exam review
Nov 24-28	Holiday (Thanksgiving)
Dec 01	No recitation – No lab
Dec 02	No recitation – No lab

TIME	Mon	Wed	Fri
8:00-10:50	511 (121/219)	521 (121/219)	537 (121/220)
9:10-12:00	512 (121/220)	522 (121/220)	538 (121/219)
10:20-1:10	513 (121/219)	523 (121/219)	
11:30-2:20	514 (121/220)	524 (121/220)	
12:40-3:30	515 (121/219)	525 (121/219)	
1:50-4:40	516 (121/220)	526 (121/220)	
3:00-5:50	517 (121/219)	527 (121/219)	
4:10-7:00	518 (121/220)	528 (121/220)	

TIME	Tues	Thurs
8:00-10:50	501 (121/219)	531 (121/219)
9:35-12:25	502 (121/220)	532 (121/220)
11:10-2:00	503 (121/219)	533 (121/219)
12:45-3:35	504 (121/220)	534 (121/220)
2:20-5:10	505 (121/219)	535 (121/219)
3:55-6:45	506 (121/220)	541 (121/220)
4:55-7:45	507 (121/219)	
5:55-8:45	508 (121/220)	
6:55-9:45	509 (121/219)	536 (121/220)