

Physics 122 Laboratory

Spring 2007

P202

TA: Kuang He

Contact Information:

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- Phone: (860) 486-0446 Office Hours: Friday 1:30-2:30PM

What you need:

- PHYS 122 & 132 Lab manual.
- A lab notebook devoted solely to this class.

General Information:

- Website: <http://www.phys.uconn.edu/labs/>
- **Read the manual before coming to the lab.**
- You should work in groups of 3~4 during the lab. Complete the tasks assigned in the manual and **hand in your work before leaving the lab.**
- Treat the equipment with respect. You will be charged for anything you break through misuse.
- Do not bring food or drink (with the exception of bottled water) into the lab and switch off your cell phone.
- During the lab, take notes in your lab notebook. This will typically include the information I write on the board as I may later erase it, and also data points and calculations, which you will need for your lab report. I may ask to see your notebook and use it in grading.
- After you finish the experiment, turn OFF the power for all the instruments, clean your own mess and turn in your worksheet.

Grading:

- Your final lab grade is composed of in-class worksheets including data and graphs (40%) and lab reports (60%). Students should write the in-class worksheet as a group, whereas the lab reports should be completed **individually**. And plagiarism will be reported to the department head and the TA manager. Lab reports are due one week after they are assigned, and will get 80% of the score if hand in one day late, and get 60% if two days late, and get 40% if 3 days late, etc. The worksheets and lab reports are graded on a scale of 0-10.

- Please come on time. If you come 10 minutes late, 1 point will be deducted from your worksheet grade; if 20 minutes late, 2 points will be deducted, etc.
- There is **only one** make-up session at the end of the semester for students who have well-documented excuse. Students are encouraged to attend a different session during the week that they'll be missing the lab and should inform the TA as early as possible.
- If you miss **one** lab, a well-documented excuse is required and the related grades will be zero.
- Missing **two** or more labs will automatically translate into an **incomplete** for the entire course. And the next semester you will have to register the lab course and attend **all** the labs to turn the incomplete into grade.

Some Things to Look Out For:

- Units are crucial in physics. Always give correct units.
- Do not reproduce a string of numbers from your calculator. Always give an appropriate number of significant figures.

Four lab reports are required:

Lab 2: Ohm's law I

Lab 5: Magnetic Fields

Lab 7: Spectroscopy

Lab 9: Interference of Sound

In addition, the lab 11, nuclear radiation, is optional, and if hand in, the grade for the lab report part will be averaged over the five lab reports instead of four.

	Monday	Tuesday	Wednesday	Thursday	Friday
9am-12pm	Huang, Tingyu 122, PB202		Fang 132, PB206	Shrestha 132, PB206	Chen 132, PB206
1-4pm	Cong 122, PB202	Altinoluk 122, PB202	Altinoluk 122, PB202	Chen 132, PB206	
5-8pm	Ray Majumder 122, PB202	He, Kuang 122, PB202	Altinoluk 122, PB202	Basar 122, PB202	