

Welcome to Physics
131/133
Fall 200808

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All you will ever want to know about 131/133 IS at

- Main WebPage of this course
<http://skipper.physics.sunysb.edu/~abhay/phy131>
- Syllabus: PHYSICS FOR SCIENTISTS AND ENGINEERS, Edition 4e, Author: Professor C. Giancoli, Pearson/Prentice Hall Publication
- Web Access: <http://www.masteringphysics.com/>
Register for Physics 131: **PHYSICS131MPDESHPANDE08**
HWs and practice problems
Practice Problems & HW1 Already ON THE WEB
- Schedule: Lecture notes & laboratory writeups
- Recitation Sections: times, recitation instructors, office hours
- **Laboratory Sections: times, laboratory instructors, rules and regulations & help-room hours:**
- Exams and grades will also appear in future
- **Whats new in physics 131? Messages from ME to YOU**

Do not take Physics 131/133 lightly

- 3 hrs/week of intense and fast class
 - To be followed up every day with at least two hours of revision
- About 4-5 hrs of home work every week
- 9 PHY133 laboratory work and writeups 2hrs + at least 2 hrs for a good write-up
- Two midterms (fairly tough in terms of conceptual understanding) + a final exam
- Fluent with algebra and *comfortable with calculus*.
- **TAKE PHY125 instead if unsure of the commitment and math-preparation**

A successful student Phy131 will:

- Read the chapter before the class
- Attend the class and pay careful attention to the detail, take notes, especially on aspects you do not remember even after reading the chapter before the class.
- Ask questions, show courage, every one has questions, only some are willing to ask... a universal phenomena. Don't worry....
- Read the chapter or/and notes again
- Try to answer all conceptual questions, spread over the chapters
- Solve at least 10-20 problems on your own....

Compare: PHY131 & PHY125/141

- Prof. Linwood Lee, in PHY125/127 covers, the same material in 3 semesters (instead of PHY131/132 in 2 semesters). It's a smaller class than this.
 - There is now a provision to cover the third semester in SUMMER session, as such it is really a 1-year course not a 1.5 year course!
- The laboratory sections are almost identical
- If you have weaker mathematical foundation PHY125 will follow less mathematical path
- For those who will find PHY131 easy, may want to switch to PHY141 with Prof. Adam Durst. This covers the same physics but is more challenging, and has the same experimental course. It's a smaller class as well.

You need to do the following URGENTLY!

- Register for www.masteringphysics.com under the courseID: PHYSICS131MPDESHPANDE08
- Look for “Current Assignments”
- Go through the **practice problems** (5 problems)
 - Learn the system of hints, bonus points.... Etc.
- Attempt the HW 1 if you can...
- There are WEEKLY DEADLINES after which even if you solve the problems, the grades go to ZERO points

Last but not the least!

- No RECITATION SECTIONS this week, they start next week 9/08
- No LABORATORY SECTIONS this and next week, they too start next week 9/08
 - Monday Lab sections (9/08)
 - The lab write ups will appear on the schedule page (right most column)