PHYS 252H  Foundations of Physics  Winter 2006

Class times: MUWF 10:00 – 10:50 Location: 110 WIL

Instructor: Miriam Deutsch
Office: 275 WIL  Tel: 6-5973
Email: miriamd@uoregon.edu
Office hours: MWF 1:30 – 2:30.

TA: Ben Lopez
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Email: blopez1@uoregon.edu
Office hours: U 2:00, H 10:00.

All efforts will be made to allow for sufficient office hours. If your schedule is conflicting with the above times, additional meetings may be arranged by appointment. You are also always welcome to drop by my office unannounced – I will be glad to help if I have the time.


Course outline: This term we will pick up where you have left off in PHYS 251H at the end of Fall 2005 term. Topics to be covered include:

- Special Relativity
- Oscillations and Waves
- Physics of Fluids
- Introductory Quantum Physics

Course website: http://blackboard.uoregon.edu/
I will post homework assignments, course announcements and handouts. Solutions to homework problems will also be posted. You will need to check regularly for updates.

Homework: Homework will be assigned weekly, usually on Wednesdays. Assignments will be submitted in class directly to me. You should always make an effort to submit your assignments on time. Homework submitted up to 24 hours late will receive 80% credit. Assignments received later than that will not get credit. Special circumstances and emergencies may be accommodated on a case-by-case basis. In such cases you should contact me as soon as possible to discuss your specific needs.

Grade determination:

- Homework – 30%
- Midterm 1 – 15%
- Midterm 2 – 15%
- Final Exam – 40%