

Physics 7A Winter 2008 Syllabus

January 21, 2008

1 Contact info

- **Office Hours:** 2-3pm on Fridays in ISB-266.
- **Email:** ruhlen@physics.ucsc.edu
- **Website:** All handouts are posted online at <http://people.ucsc.edu/~lruhlen/7A>
- **Switching Sections:** If you need to work in a different lab section one week, **please email me ahead of time.** I will then contact the TA of the section that you plan to attend.
Your pre-lab questions and notebook must be turned into me before the next lab.

2 Lab Schedule

- Jan 22: Kinematics
- Jan 29: Dynamics
- Feb 5: Rotating Frames
- Feb 12: Oscilloscope
- Feb 19: Harmonic Oscillator
- Feb 26: Waves
- March 4: Fluids
- March 11: Heat

3 Grading

- Lab quizzes: 33%
- Lab notebooks: 33%
- Pre- and post-lab questions: 33%

Prelab questions are due at the start of each lab. Quizzes will be delivered during the first ten minutes of lab. Your lab notebooks are due at the end of each lab. All work must be legible.

3.1 Preparation and Prelab Questions

Your preparation should include:

- completing all prelab questions
- reading through and making notes in your lab manual
- looking up any terms or concepts that you don't understand.

4 Lab Conduct

Do not bring food or water into lab.

You must attend every lab. If you have a conflict, then you must let me know ahead of time via email, and attend another lab section. Because the equipment is put away and the labs for the following week are set up on Fridays, you can only make up a lab by attending another section on the **same week** that you were unable to attend.