

Physics 5A Fall 2007 Syllabus

October 16, 2007

1 Contact info

- **Office Hours:** 2-3pm on Tuesdays and Thursdays in ISB-266.
- **Email:** ruhlen@physics.ucsc.edu
- **Website:** All handouts are posted online at <http://people.ucsc.edu/~lruhlen/5A>
- **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

Oct. 16,17 Oscilloscope
Oct. 23, 24 Kinematics
Oct. 30, 31 Dynamics
Nov. 6, 7 Conservation Laws
Nov. 13, 14 Forms of Energy
Nov. 20, 21 (no lab)
Nov. 27, 28 Rotating Frames
Dec. 4, 5 Rotational Dynamics

3 Grading

- Pre-labs: 25%
- Lab Notebooks: 75%

Pre-lab questions are due at the start of each 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.